UPES

UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

ANNUAL REPORT
2020 - 2021

ENGINEERING | COMPUTER SCIENCE | DESIGN | BUSINESS | LAW | HEALTH SCIENCES | MODERN MEDIA

CHANCELLOR'S MESSAGE

It is a matter of immense pleasure to present the Eighteenth Annual Report of the University of Petroleum and Energy Studies (UPES). The Report portrays a wide spectrum of various academic and co-curricular activities conducted at the University during the 2020-21 academic year successfully. My congratulations to the Editorial Team for their candid endeavors in capturing the vibrant academic environment of the University Campus while highlighting the research projects, research publications, participation in international seminars, workshops and special achievements including the awards & honours.

The University is moving forward towards digitalization and has migrated to the online system for various processes related to administration, library system and pedagogical practices. With our commitment to develop world-class leaders to make a difference to the society, we continue to inspire dreams, ignite curiosity, motivate actions and define the vision beyond tomorrow.

I am delighted to share that UPES has received a prestigious recognition in the Indian higher education sector from the globally acclaimed & internationally benchmarked 'QS Star Rating System' with their highest 'Five Stars' ratings in four categories viz. Academic Development, Employability, Facilities and MBA Oil & Gas Management, thus placing the university at par with the leading academic institutions in the world. The '5 Stars' for 'Academic Development' is a first for any university in India.

The University was awarded with an 'E-LEAD Certification' by the 'QS I-Gauge Indian Coll ege and University Rating' for successfully engaging its students & faculty through virtual media with the required IT support, systems & policies. This certification recognizes the prowess of our digital infrastructure. The award captures the essence of the dynamic Indian education system and conforms to international standards and best practices.

The globally acclaimed GPTW Institute, USA, has certified UPES as a 'Great Place to Work' (GPTW) for the third time in a row. The certification is a Gold Standard for defining great workplace across business, academia and government organizations. The certification methodology involves comparison of work culture with competitors, commitment to employees about improving workplace culture, projecting the Brand externally, attract & retain talent, trust levels between the organization & the employees and the employee's perception of various HR initiatives.

The University organized its 18th Annual Convocation for the batch of 2020 at the Energy Acres Campus on 19th August 2021 among the gracious presence of Shri Alok Ohrie – President & MD, Dell Technologies India as the 'Chief Guest' and our alumni Shri Anmol Singh Jaggi - Founder & MD, Gensol Engineering Ltd. as the 'Guest of Honor'. Besides the 3791 degrees awarded to Undergraduate and Postgraduate students, Degrees were also conferred on 04 Higher Doctorate and 48 Doctoral students who had completed the requirements as per university regulations. 10 Gold medals, 42 Silver medals, 30 Certificate of Appreciation and 06 Certificate of Merits for CCE Graduands were awarded to students of different disciplines based on their academic merit.

Our R&D activities continued to grow this year too, in terms of both Publications and Patents. I am happy to report that UPES published 54 patents this year which is an applaudable feat indeed.

UPES now seeks to offer Undergraduate Degree Programs in Liberal Studies under the aegis of School for Liberal Studies. Liberal studies encompasses a wide range of subject areas including literature, humanities, history, philosophy and science. Liberal studies programs provide students with the tools and skills to be critical and creative thinkers, researchers, and communicators in almost any field.

The world is passing through a COVID pandemic and the situation is no different in our nation too. We, at UPES have taken several proactive measures prioritizing the health and safety of our students, faculty and staff by launching the initiatives like Strict Work from Home, We Care Officer, We Care Doctors, Unlimited Sick Leave, COVID task force, etc. The University stepped forward to extend support to the society too with distribution of Dry Ration Packets to the migrant labours, strengthening State Health Services by contributing Oxygen Concentrators to the State Government, conducting Healthcare Camps in rural areas, etc.

We humbly acknowledge the support and encouragement of the Government of Uttarakhand, Members of Governing Board, Academic Council and the Finance Committee in our path to progress.

With Best wishes,

Dr. S. J. Chopra
Chancellor

VICE CHANCELLOR'S MESSAGE

I am delighted to present the UPES Annual Report for the academic year 2020-21. The year proved to be challenging however rewarding with many milestones and achievements earned on numerous fronts. All this was the result of the sustained hard work, diligence and brilliant performances by each and every member of our UPES family. My heartiest congratulations and appreciations to them all.

Among the various remarkable awards and recognitions achieved by UPES during 2020-2021, the **National Assessment and Accreditation Council (NAAC) Grade 'A' Accreditation**, the **National Board of Accreditation (NBA)** accreditation of seven of our UG programs in B.Tech viz. Automotive Design Engineering, Chemical Engineering - (Refining and Petrochemicals), Applied Petroleum-Gas Engineering, Mechanical Engineering, Mechatronics Engineering, Fire & Safety Engineering and Civil Engineering (Specialization in Infrastructure Development) and the **University of the Year (North) Award by ASSOCHAM** at the 14th National Education Summit 2021 deserve a special mention here.

Our participation in **NIRF-2021** Rankings too were rewarding with the University being ranked among the top 100 Universities in India and 25thfor Law, 46th for Management and 91st for its Engineering programs among the categories. An overall 4-Star Rating in QS Stars Ranking with '5-Star' Rating in Academic Development, Employability, Facilities and Program Strength speak further about credibility attained by UPES.

The University attained the **'1st Rank'** in the **'Best Academia Industry Alliance'** category besides receiving **International Accreditation Council for Business Education (IACBE)** for MBA Programs in 'Oil & Gas Management' and 'Logistic & Supply Chain Management'. UPES received the coveted **Bureau Veritas Safeguard Certification** for maintaining safety and hygiene provisions to fight against the COVID pandemic in its campuses. **UPES School of Law** featured in the **'Legal Power List 2020'** as one of the **Top Law School by Forbes**. The University was awarded **'Excellence in Design Education'** at the 'Adobe Education Leaders Summit and Awards 2020' and the **'2021 Blackboard Award for Leading Change' from Global Edtech Company 'Blackboard'.**

The **India Today Rankings** have ranked the School of Engineering, UPES as a **Top Private Engineering College** and the School of Business, UPES as the **Top BBA College** in the State of Uttarakhand while the School of Law, UPES emerged amongst the **Top 10 Private Law Colleges in the country.**

The University launched **'Srijan'**, one of the biggest **Social Internship Programs** in the country through its 'School for Life' that was formally inaugurated by the then Hon'ble Chief Minister of Uttarakhand, Shri Tirath Singh Rawat. Through 'Srijan', over 3000 first year undergraduate students of UPES will undergo a mandatory six week-long social internship program with one of the 350+ NGOs partnered by UPES across the nation with an objective of creating a positive social impact.

The University carried forward its endeavors to promote excellence in higher education for a vibrant & inclusive society through creation and dissemination of knowledge while making sincere efforts to contribute its might by providing the right kind of human resources. The University believes in pursuing a holistic approach of learning as education, bereft of values, is meaningless and not worthy of promotion. We encourage our students to go beyond the curricular activities and participate in co-curricular, extra-curricular and extension activities as Education, in its true sense, is meant to inculcate right values among students and help produce socially sensitive citizens.

At UPES - research, consultancy and innovation are regarded as pillars of success and UPES has strong ecosystem to support them. The University recorded significant increase in publications in Scopus and Web of

Science with 3425 in Scopus and 2290 in Web of Science and total citation has grown to 26526 (as per Scopus/Vidwan portal). The publications only for 2021 are 1008 in Scopus and 671 in Web of Science. The H index has reached 46 in Scopus and 43 in Web of Science. The patents/design/copyright filed by faculty are 268, whereas 70 have been granted so far. The faculty so far has 88 funded projects, out of which 12 were granted in 2021. Eight professors of our University - Prof. D. K. Avasthi, Dean (R&D), Prof. Manish Kumar, Head Sustainability Cluster, SoE, Prof. K. Asokan, Professor, SoE, UPES, Prof. Ajay Gupta, Emeritus Professor, SoE, Dr. Akarsh Verma, Assistant Professor, SoE, Dr. Manjeet Singh, Assistant Professor, SoE, Prof. S. K. Gupta, Emeritus Professor, SoE, Prof. J. B. Singh, Emeritus Professor, SoE featured among Top 2% Researchers in the world as per the list published by Stanford University.

At UPES, placements and employability of our graduates is a key outcome. We closed the 2020-21 academic year with 93.88% placements of our eligible students. 2178 students received 3010 offers and were placed in 543 companies across the country despite the COVID pandemic striking at the time when the placements drive at UPES were at its peak. A multi-pronged strategy based on the thorough assessment of the situation and analysis of the recruiters' sentiments helped students in navigating the unforeseen circumstances. Over 2800+ internships, mostly virtual, were arranged for the students to get real-time experience and put their knowledge and skills to use. Specific training interventions targeting cross-functional expertise were planned to enhance their employability quotient. The university also provided the students access to online learning platforms like Coursera and encouraged them to pursue certification courses to gain additional expertise in their core and allied fields. The 'EDGE' (Enhanced Development for Growth and Enrichment) initiative by UPES supported the students in their chosen fields with a focus on key action areas - entrepreneurship, exam pathways (such as Services Selection Board for Indian Armed Forces) and employability.

Students' welfare has always been amongst a top-most priorities at UPES. Recognizing the impact of the pandemic on our students and their families, UPES undertook several initiatives to support them emotionally, mentally, physically and financially. Numerous proactive measures were taken to prioritize the health and safety of our students, faculty, staff and the community at large. In May 2021, UPES contributed 70 Nos. Oxygen Concentrators to the Hon'ble Governor – Uttarakhand, Hon'ble Chief Minister - Uttarakhand and the Military Hospital, Dehradun for supporting the state population residing in villages at the remote hilly terrains of Uttarakhand and emergencies in the state hospitals.

UPES continued **'We Care'** - a 24x7 counselling support for our students, faculty, staff and their families to address issues related to emotional well-being in these crisis-ridden times during this year too. 'We Care' officers and doctors were designated 24x7 to assist the employees and their families during medical emergencies, hospital assistance, consultations related to nutrition and diet, home care facilities, tiffin services and many more. A new **health initiative'Sanjeevani'** was launched by the University through which our students and employees can avail all services of **Practo** - *a patient focused, unbiased, independent medical website with over 100,000 doctor profiles from across India and Singapore at no cost.*

UPES carried out 'Free' Covid Vaccination drives on a regular basis at its campus for its staff & faculty and the local rural population. The University provided 1000 Dry Ration Packets, each containing a weeklong ration for a family of four, to Hon'ble Governor, Uttarakhand for distribution at six rural locations in the district. Multiple Healthcare Camps were carried out to benefit the residents of the twin villages of *Koti&Dhalani* in *Sahaspur* Block as part of our passion for making a meaningful impact on the communities and people around us and transforming their lives for the better through extension activities.

The list of our accomplishments is long while that of our dreams for the future is even longer. We remain committed to attain greater heights as we progress further in our journey and raise the benchmark of excellence in the year 2021 and beyond as we are **'In It To Win It'!**

Dr. Sunil Rai
Vice Chancellor

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ABOUT THE UNIVERSITY

University of Petroleum and Energy Studies (UPES) was established in the year 2003 through UPES Act (2003) of the State Legislature of Uttarakhand and listed under Section 2(f) of UGC Act. The university has a sprawling 40-acre campus in the lush and verdant environs of Dehradun. With an ambitious vision and unique approach, UPES has emerged as an innovative institution offering industry-focused, specialized undergraduate and postgraduate courses in the field of Engineering, Management, Law, Health Sciences, Design and Computer Sciences.

With an expansion of UPES charter under the 'University of Petroleum and Energy Studies (Amendment) Act, 2018, UPES can extend education and conduct research in areas like Humanities, Social Science, Natural Science, Engineering Technology, Medical, Dental & Health Science, Law Studies and Formal Science.

The university focuses on the multifaceted all-round growth and development of the students, which is reflected in its superior track record of 90%+ placements year after year, given its industry -oriented programs and emphasis on holistic development.

Bidholi Campus (Energy Acres): 28.15 Acres
Kandoli Campus (Knowledge Acres): 12 Acres

UPES MILESTONE (JOURNEY SO FAR)

2003 — 2 Colleges - Engineering & Business Energy domain courses

2006 — Diversification in Transportation
• B.Tech
• MBA
• Expansion in every horizon

2007 — • College of Legal Studies
• Expansion in transportation horizon

2008 — Diversification in infrastructure
• Infrastructure Engineering

2010 — Department of Computer Science

2011 — B.Tech LLB

2014 — Department of Design

2017 — • Re-structuring from Colleges to Schools

2018 — • Charter Expansion

2019 — School of Health Science

2020 — School of Modern Media & School for Life

*School for Life is a non-degree school

VISION

To be an Institution of Global standing for developing professionally competent talent contributing to nation building.

MISSION

- Develop industry-focused professionals with an international outlook.
- Foster effective outcome-based education system to continually improve teaching-learning and research.
- Inculcate integrative thought process among students to instill lifelong learning.
- Create global knowledge eco-system through training, research & development and consultancy.
- Practice and promote high standards of professional ethics and develop harmonious relationship with environment and society.

UPES CORE VALUES

- Respect
- Innovation
- Passion
- Inclusivity
- Trust

UPES STATUTORY AUTHORITIES

The UPES Act provides for the following Statutory Authorities of the University

Board of Governors	Highest Regulatory Body to lay down policies, approve the Budget / Annual Report, make, amend or repeal Statutes & Rules, etc.
Board of Management	Principal Executive Body to approve senior appointments, fix emoluments of employees, approve infrastructural requirements, prepare annual accounts through the Finance Committee, accept donations, enter into contracts, select common seal, make rules, etc.
Academic Council	Principal academic body to coordinate and exercise general supervision over the academic policies of the University.
Finance Committee	Principal financial body to take care of financial matters, prepare annual accounts and financial estimates, etc.

COMPOSITION OF VARIOUS AUTHORITIES
BOARD OF GOVERNORS [2018 – 2021]

	Members
Chairman	Dr. S. J. Chopra, Chancellor, UPES
Nominee of Govt. of Uttarakhand	Principal Secretary / Secretary (HE), Government of Uttarakhand
Member Secretary	Dr. Sunil Rai, Vice Chancellor, UPES
Five Members Nominated by HERS	Mr. Sharad Mehra, Chairman , HERS
	Mr. Deepak Seth, Group Chairman, Pearl Group of Companies
	Mr. Rajat Mukherjee, Partner, Merger & Acquisition Practice Group, Khaitan & Co. Law Firm
	Ms. Nandita Abraham, Chief Partnership Officer, GUS India Global
	Dr. Arun Nigavekar, Former Chairman, UGC
A Nominee Officer from Institution of National Importance (as maintained by MHRD, GoI), nominated by the Chancellor	Prof. Surendra Prasad, Professor, Dept. of Electrical Engg., Indian Institute of Technology, Delhi & Former Director, IIT Delhi
Three Nominee Officers from the Professional / Experts of the Industrial World, nominated by the Chancellor including at least one nominated officer from the Oil & Gas Companies	Mr. Satish Gokhale, Director – Industrial Design, Design Directions Pvt. Ltd.
	Mr. Utpal Ghosh, Former Director - UPES
	VACANT
Three Eminent Persons from Industry / Research / Academics nominated by the Visitor	Mr. Ashwani Kumar Sood, Former Director (Engg. & Construction), M/s Indorama Ventures Olefins LLD, Lake Charles Louisiana State
	Mr. J. K. Batish, Former Chief Hydrologist, Dept. of Agriculture, Haryana
	Mr. P. K. Mohanti, IAS (Retd.), Chief Election Officer, Uttar Pradesh
Special Invitees	LT. Gen. T. S. Shergill, PVSM (Retd.)

BOARD OF MANAGEMENT [2018 - 2021]

	Members
Chairman	Dr. Sunil Rai, Vice Chancellor
Nominee of Government of Uttarakhand	Principal Secretary/Secretary (HE), Government of Uttarakhand
Secretary	Dr. Veena Dutta, Registrar, UPES
Five Members Nominated by HERS	Mr. Sharad Mehra, Chairman HERS
	Mr. Piyush Arora, Director – Business Strategy
	Ms. Jaya Suri, Director – HR
	Mr. Navneet Mehta, Finance Officer
	Mr. Manish Madaan, Director - CS & CR
A Nominee Officer from Institution of National Importance (as maintained by MHRD, GoI), nominated by the Chancellor	Dr. Suman Bhattacharya, National Head – ODL, Tata Consultancy Services Ltd.
Two Professors of the University by Rotation on the Basis of Seniority for a period of 1 Year	Ms. Manisha Mohan, Dean, School of Design
	Dr. Neeraj Mahindroo, Dean, School of Health Sciences
Three Deans/Directors of Faculty as nominated by the Chancellor	Dr. Gurvinder Singh Virk, Dean, School of Engineering
	Dr. Priyadarshan Patra, Dean, School of Computer Science
	Dr. Githa Heggde, Dean, School of Business

ACADEMIC COUNCIL [2018 - 2021]

	Members
Chairman	Dr. Sunil Rai, Vice Chancellor
Secretary	Dr. Veena Dutta, Registrar
Two Professors other than Deans by rotation in order of seniority	Dr. D. K. Avasthi, Dean – Research
	Dr. Ajay Kumar, Professor and Head, Department of Mechanical Engineering
One Member from amongst the Heads of Constituent Colleges/ Centers to be nominated by the Vice Chancellor	Vacant
Deans of the Faculty	Dr. Ram Sharma, Dean – Academics
	Dr. Gurvinder Singh Virk, Dean – School of Engineering
	Dr. Priyadarshan Patra, Dean – School of Computer Science
	Dr. Neeraj Mahindroo, Dean – School of Health Sciences
	Dr. Githa Heggde, Dean – School of Business
	Ms. Manisha Mohan, Dean – School of Design
	Dr. Vijay Kumar Singh, Dean – School of Law
	Dr. Nalin Mehta, Dean – School of Modern Media
Five Distinguished Academicians nominated by the Vice Chancellor	Prof. (Dr.) Madhu Vij, Professor, Faculty of Management Studies, University of Delhi
	Prof. V. K. Nangia, Emeritus Professor, Netaji Subhash University of Technology (NSTU), Dwarka, New Delhi
	Prof. J.P. Gupta, Director Emeritus (Quality Assurance), UPES
	Dr. Karan Vasisht, Professor of Pharmaceutical Sciences Punjab University, Chandigarh
	Prof. (Dr.) B .T. Kaul, Chairperson, Former Chairperson – Delhi Judicial Academy & Former Professor of Law, Faculty of Law, University of Delhi

	Members
Twelve Management Professionals	Dr. Harilal, Executive Partner – KDMIPE (Exploration & Production), ONGC
	Mr. Abhishek Datta, Executive Director - HR, Hindustan Petroleum Corporation Ltd., Mumbai
	Dr. Ajay Deshpande, Former Director (Technical), Engineers India Limited
	Mr. Ashutosh Pasricha, OFS Account Director, Schlumberger Information Solutions
	Dr. M.O. Garg, Former Director General, Council of Scientific and Industrial Research & Former Director – IIP, Dehradun, Head – Refining & Petchem, R&D Reliance Industries Limited
	Dr. R. K. Malhotra, Director General, Petrofed
	Dr. K. Munshi, Director, Industrial Design Centre, IIT Bombay
	Prof. D.K. Lobiyal, Professor, School of Computer Science & Systems Sciences, Jawaharlal Nehru University
	Dr. L. Ravi, Advisor, GMR Group
	Dr. S.C. Sharma, Former OSD to GoI and GGM - ONGC
	Dr. Sanjeev Jain, Professor, Department of Mechanical Engineering, IIT Delhi
Permanent spl. Invitee from Bar Council	Shri. D.K. Sharma, Sr. Advocate – High Court Nainital
Permanent spl. Invitee	Mr. Manish Madaan, Director – CS & CR University of Petroleum & Energy Studies
	Dr. Vikas Shrisath, Senior Vice President, Jubilant Biosys

FINANCE COMMITTEE [2018 - 2021]

	Members
Chairman	Dr. Sunil Rai, Vice Chancellor
Nominee of Government of Uttarakhand	Principal Secretary / Secretary (HE), Government of Uttarakhand
Nominee of the Vice Chancellor	Dr. Veena Dutta, Registrar
One Dean on Seniority Basis	Dr. Vijay Kumar Singh, Dean – School of Law
Nominee of the Chancellor	Ms. Jaya Suri, Director – HR
Nominee of Board of Governors	Mr. Sharad Mehra, Chairman, HERS
Member Secretary	Mr. Navneet Mehta, Finance Officer

DETAILS OF MEETINGS OF THE STATUTORY AUTHORITIES OF THE UNIVERSITY

Statutory Authorities	Dates of Meetings
Board of Governors	18.12.2020, 09.03.2021
Board of Management	05.10.2020, 15.12.2020, 03.03.2021
Academic Council	25.09.2020, 11.12.2020, 23.04.2021
Finance Committee	20.08.2020, 15.12.2020, 03.03.2021, 02.06.2021

OFFICERS of the UNIVERSITY

As stipulated in the Act, the following are the Officers of the University

1. the Visitor (Governor of Uttarakhand)
2. the Chancellor
3. the Vice Chancellor
4. the Pro-Vice Chancellor
5. the Deans of Faculty
6. the Registrar
7. the Finance Officer
8. other officers as declared by the Statutes to be officers of the University

COMMITTEES

STUDENT GRIEVANCE REDRESSAL COMMITTEE

In accordance with the revised UGC Grievance Redressal Regulation May 2019, the following committees have been constituted effective 1st July 2019 to 30th June 2021.

1.   Institutional / University Level Student Grievance Redressal Committee (ISGRC):

Constituted to address complaints / matters which are not related to any Academic Department / School / Centre of the University. The members of the committee are:

- Dr. Sunil Rai, Vice Chancellor – Chairperson
- Dr. Veena Dutta, Registrar
- Dr. Githa Heggde, Dean, School of Business
- Dr. Neelu Jyoti Ahuja, Professor, School of Computer Science
- Dr. Neeraj Mahindroo, Dean, School of Health Science

Special Invitee of the committee:
- Student representation (nominee of the Vice Chancellor)
- Representative from Department of Student Engagement and Experience – Convenor

2.   Collegiate (School) Student Grievance Redressal Committee (CSGRC):

Constituted School wise committee to address complaint of an aggrieved student relating to the School. The Dean of the respective School will be the Chairperson of the Committee, Three senior teaching faculty is nominated by the Dean as Members of the committee and a student representative (nominated by Dean) will be as a special invitee. A Representative from Department of Student Engagement & Experience will be the convener of the committee. The members are as under:

School Name	Members
School of Engineering	1. Dr. Kamal Bansal (Dean) – Chairperson 2. Dr. Sanjeev Kumar (Associate Professor) 3. Dr. P. Suresh (Assistant Professor) 4. Dr. Shilpi Agarwal (Assistant Professor)
School of Business	1. Dr. Githa Heggde (Dean) – Chairperson 2. Dr. Anita Sengar (Associate Professor) 3. Mr. Neeraj Kataria (Assistant Professor & Proctor) 4. Dr. Vickram Sahai (Sr. Associate Professor)
School of Computer Science	1. Dr. T. P Singh (Professor) – Chairperson 2. Dr. Alok Agarwal (Professor) 3. Dr. Nilima Salankar Fulmare (Assistant Professor) 4. Mr. Vishal Kaushik (Assistant Professor)

School Name	Members
School of Design	1. Ms. Manisha Mohan (Dean) – Chairperson 2. Mr. Soumitra Bhattacharya (Associate Professor) 3. Mr. Manas Ranjan Mishra (Associate Design Fellow) 4. Ms. Jharna Joshi (Associate Professor)
School of Law	1. Dr. Vijay Kumar Singh (Dean)- Chairperson 2. Dr. Mamta Rana (Professor) 3. Dr. Ashish Verma (Associate Professor) 4. Dr. Juhi Garg (Assistant Professor)
School of Health Science	1. Dr. Neeraj Mahindroo (Dean) – Chairperson 2. Dr. Jyoti Upadhyay (Assistant Professor) 3. Dr. Raj Kumar Tiwari (Assistant Professor) 4. Dr. Deep Anmol Singh (Assistant Professor)

The committee will submit the report with recommendations to the Vice Chancellor within 15 days from the date of receipt of the complaint.

3. **Departmental Student Grievance Redressal Committee (DSGRC):**

To address complaint pertaining to the Department, the Dean of the School will constitute the Grievance Redressal Departmental Committee as follows:

- Head of the Department – Chairperson
- Three Senior Faculty nominated by HoD
- A student representing the department where the grievance has occurred, to be nominated based on academic merit

The committee will submit the report with recommendations to the Dean within 15 days from the date of receipt of the complaint

4. **Grievance Redressal Committee (Related to Covid 19)**

A Grievance Redressal Committee is constituted by the Vice Chancellor in order to effectively respond to the students' concerns & grievances relating to examination and other Academic activities arising due to COVID19 pandemic. The committee consist of the following members:

1. Dr. Veena Dutta, Registrar
2. Ms. Manisha Mohan, Dean – School of Design
3. Dr. Neeraj Mahindroo, Dean – School of Health Sciences
4. Mr. Karan Singh, Deputy Director, Student Engagement & Experience
5. Dr. Aparna Singh, Joint Registrar
6. Mr. Lokendra Dutt Sharma, Assistant Director, Human Resource
7. Mr. Nitin Singh, Assistant Director, Finance & Accounts

5. Internal Complaints Committee (2019 - 2022)

For the Academic Year 1st July 2019 to 30th June 2022, the "Internal Committee under University Grants Commission (Prevention, prohibition and redressal of Sexual Harassment of Women employees and students in higher educational institutions) Regulation, 2015" for the UPES Dehradun Campuses would have the following members:

1. Dr. Deepshikha Bhargava – Presiding Officer
2. Dr. Divya Ahluwalia
3. Dr. Shailey Singhal
4. Dr. Ruchi Tyagi
5. Dr. Sujata Bali
6. Ms. Pronami Borah
7. Mr. Baij Nath, Member Secretary
8. Ms. Shahina Anwarul
9. Mr. Manish Dubey
10. Ms. Sujata Paul, NGO Representative
11. Ms. Shubharangi Kala

6. Anti-Ragging Committee (2020 - 2021)

The "UGC regulation on Curbing the Menace of Ragging in Higher Educational Institutions, 2009" as promulgated u/s29 of UGC Act has been adopted by UPES.

The Anti-Ragging Committee comprises of the following members:

1. Vice Chancellor – Chairperson
2. Dr. Veena Dutta, Registrar – Member Secretary
3. Mr. Ashutosh Dora, Sr. SAO (SG)- Dept. of SEE
4. Mr. Bhuwan Nathani, SEE, Manager
5. Dr. Shipli Agarwal, Proctor, School of Engineering
6. Mr. Neeraj Kataria, Proctor, School of Business
7. Ms. Shilpi Yadav, Proctor, School of Law
8. Mr. Ashutosh Tripathi, Proctor, School of Law
9. Mr. Vishal Kaushik, Proctor, School of Computer Science
10. Mr. Kishor Gopal Tikale, Proctor, School of Design
11. Mr. Karan Singh, Deputy Director, Student Engagement & Experience
12. Mr. Manish Madaan, Deputy Director, Career Services & Corporate Relations
13. Mr. Anant Prakash Misra, Sr. SO, Student Engagement & Experience
14. Mr. Deepanmol Singh, Assistant Professor, School of Health Science
15. Mr. Panchan Singh Negi, Tehsildar, Vikas Nagar, Dehradun
16. Mr. Dharmendra Rautela, SO, Premnagar, Dehradun
17. Mr. Devendra Sati, Medical Personnel
18. Ms. Akansha Chauhan, Nominee of NGO
19. Ms. Kanchan Kaushik, Parent Representative

Administrative Support:

1. Lt. Col. Bhagwan Singh, Sr. Manager, Campus Hostel
2. Ms. Bindu Thapa, Warden, Bidholi Campus Girls Hostel
3. Mr. Arvind Sharma, Sr. Warden , Kandoli Campus Boys Hostel
4. Ms. Manju Pant, Sr. Warden, Kandoli Campus Girls Hostel
5. Maj. S. B. Thapa, CSO, Bidholi Campus
6. Mr. Rajesh Kumar Uniyal, Security Officer, Kandoli Campus

7. Internal Committee for Students with Disabilities (2020 - 2021)

An internal committee for students with disabilities is constituted at University by the Vice Chancellor to address any problems and requirements of the students with disabilities. The committee composition is as follows:

1. Mr. Karan Singh, Deputy Director – Student Engagement and Experience
2. Ms. Rashmi Lal, Senior Manager – Student Engagement and Experience
3. Dr. Jyoti Upadhyay, Assistant Professor – School of Health Sciences
4. Dr. S. K. Singh, Chief Medical Officer, UPES
5. Mr. Kuldeep Kohli, Parent Representative
6. Mr. Parth Kaushik, Student Representative

8. Anti-Discrimination Cell (2020 - 2021)

The UPES constituted a committee on Anti-Discrimination to oversee steps to prevent any kind of discrimination on campus on the basis of gender, race, caste, marital or civil partnership status, sexual orientation, religion or belief, age or disability. For Academic Year 2020-2021, the Anti-Discrimination Cell for the UPES Dehradun Campus would have the following members:

1. Mr. Baij Nath, Legal Department – Chairperson
2. Mr. Zozimus Labana, Faculty – Member
3. Ms. Shahina Anwarul, Faculty – Member
4. Ms. Pronami Borah, HR Department – Member
5. Ms. Santanu Anand, Student of B.Tech- CSE (Business Analytics & Optimization)
6. Ms. Ayushi Lal, Student of B.Tech -CSE (Oil & Gas Informatics)

ORGANOGRAM
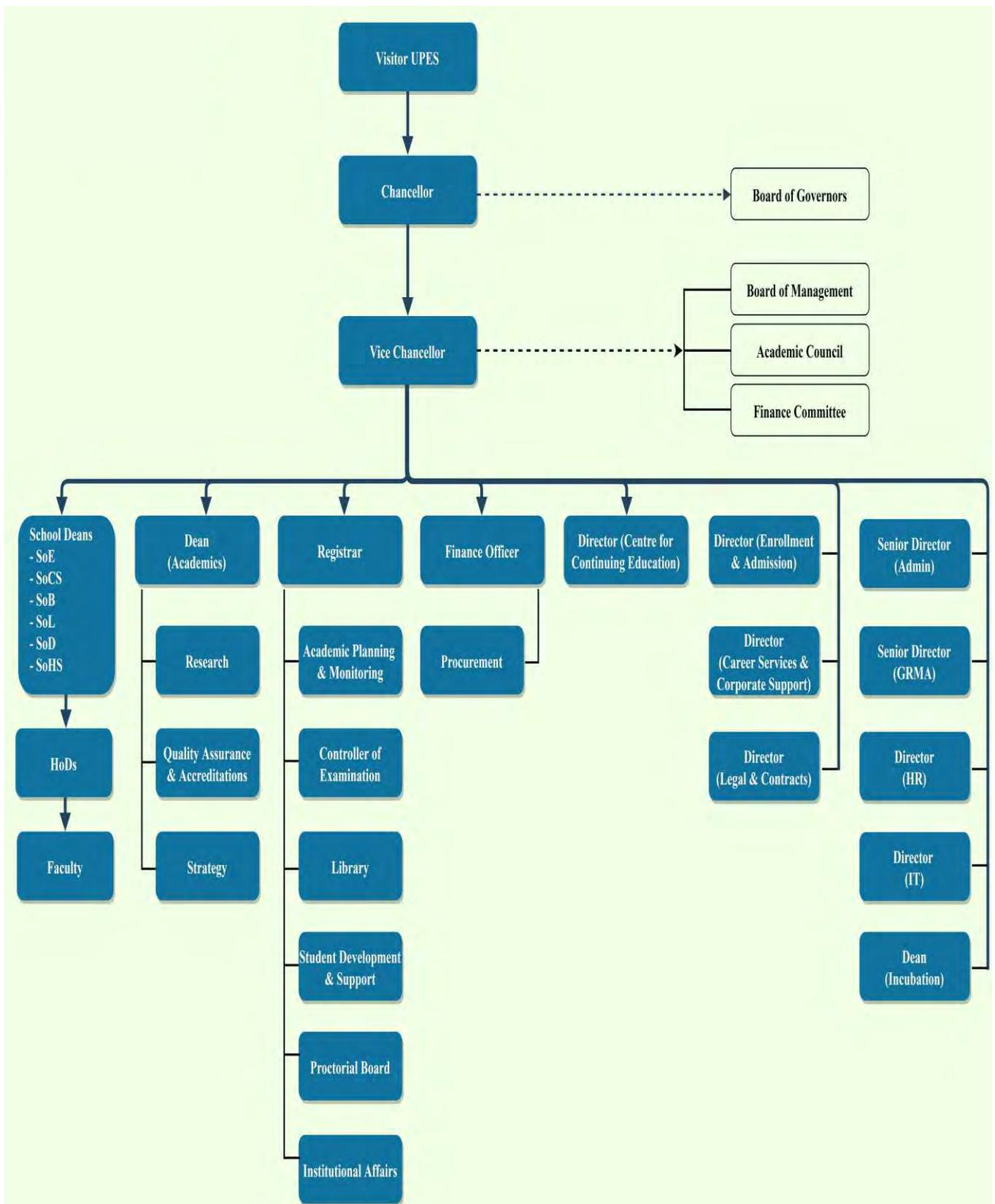
CREDENTIALS - ACCREDITATION/ RANKINGS/ RATINGS ACHIEVED

- **National Assessment and Accreditation Council (NAAC) 'A' Accreditation achieved by UPES**

NATIONAL BOARD OF ACCREDITATION (NBA)
- B.Tech - Automotive Design Engineering
- B.Tech - Chemical Engineering (Refining and Petrochemicals)
- Applied Petroleum Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Fire & Safety Engineering
- Civil Engineering (Specialization in Infrastructure Development)

NATIONAL INSTITUTIONAL RANKING FRAMEWORK (NIRF) 2021
- Law: 25th Rank
- Management: 46th Rank
- Engineering: 91th Rank
- University Level: 100 Rank

INTERNATIONAL ACCREDITATION COUNCIL FOR BUSINESS EDUCATION (IACBE)
- MBA (Oil & Gas Management)
- MBA (Logistic and Supply Chain Management) (Valid upto April 2024)

UGC DEB APPROVED 7 PROGRAMS
- BBA (Aviation Operations)
- MBA (Aviation Management)
- MBA (Infrastructure Management)
- MBA (International Business)
- MBA (Logistics &Supply Chain Management)
- MBA (Oil & Gas Management)
- MBA (Power Management)

UGC DEB APPROVED

QS STARS RATING SYSTEM
- Rated Five-Star in Employability, Academic Development, Facilities and MBA (Oil & Gas) Management category

GREAT PLACE TO WORK
- Certified as a Great Place to Work
- Certification Period March 2021 to February 2022

QS I. GAUGE INDIAN COLLEGE & UNIVERSITY RATING
- Granted E-lead Certification
- Acknowledged that the University is successfully engaging students and teachers through virtual mediums and has adequate IT support systems and IT Policy
- Valid from 28.06.2021 – 27.06.2023

PROGRAMS OFFERED

SCHOOL WISE PROGRAMS OFFERED

SCHOOL OF ENGINEERING (SOE)

- B.Tech Applied Petroleum Engineering (Upstream)
- B.Tech Applied Petroleum Engineering (Gas Stream)
- B.Tech Chemical Engineering (Refining and Petrochemicals)
- B.Tech (Mechanical Engineering)
- B.Tech (Automotive Design Engineering)
- B.Tech (Mechatronics Engineering)
- B.Tech (Aerospace Engineering)
- B.Tech Aerospace Engineering (Avionics)
- B.Tech (Electronics and Communication Engineering)
- B.Tech Civil Engineering (Infrastructure Development)
- B.Tech (Fire and Safety Engineering)
- B.Tech (Electrical Engineering)
- B.Sc. (Hons.) Chemistry
- B.Sc. (Hons.) Mathematics
- B.Sc. (Hons.) Physics
- B.Sc (Hons.) Geology
- M.Tech (Petroleum Engineering)
- M.Tech Chemical Engineering (Process Design Engineering)
- M.Tech (Computational Fluid Dynamics)
- M.Tech (Automation and Robotics Engineering)
- M.Tech (Health Safety and Environmental Engineering) (Disaster Management)
- M.Tech (Health Safety and Environmental Engineering)
- M.Tech Structural Engineering (Offshore)
- M.Tech (Energy Systems)
- M.Tech (Renewable Energy Engineering)
- M.Sc. (Chemistry)
- M.Sc. (Petroleum Geosciences)

SCHOOL OF COMPUTER SCIENCE (SOCS)

- B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)
- B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)
- B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)
- B.Tech (Hons.) Computer Science and Engineering (Computational Sustainability)
- B.Tech (Hons.) Computer Science and Engineering
- B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)
- B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)
- B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)
- B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)
- B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)
- B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)
- B.Tech (Hons.) Computer Science and Engineering (Blockchain Technology)
- B.Tech (Hons.) Computer Science and Engineering (DevOps)
- B.Tech (Hons.) Computer Science and Engineering (Big Data)
- BCA (Internet of Things)

- BCA (Banking, Financial Services and Insurance)
- M.Tech (Computer Science and Engineering)
- M.Tech (by Research)

SCHOOL OF DESIGN (SOD)

- B.Des (Graphics & Communication Design)
- B.Des (User Experience & Interaction Design)
- B.Des (Animation and VFX)
- B.Des (Interior and Retail Space Design)
- B.Des (Transportation and Mobility Design)
- B.Des (Game Design)
- B.Des (Fashion Design)
- B.Des (Product Design)
- M.Des (Product Design)
- M.Des (User Experience & Interaction Design)
- M.Des (Transportation & Mobility Design)
- M.Des (Fashion Design)

SCHOOL OF BUSINESS (SOB)

- BBA (Aviation Management)
- BBA (Human Resources / Marketing Management / Operations Management)
- BBA (Financial Analysis and Services)
- BBA (Digital Marketing)
- BBA (Foreign Trade)
- BBA (Oil and Gas Marketing)
- BBA (Logistics Management)
- BBA (Analytics and Big Data)
- BBA (Family Business and Entrepreneurship)
- BA (Public Policy and Administration)
- BA (Hons.) Economics
- B.Com. (Hons.)
- B.Com (Hons.) (Banking, Management and Insurance / Taxation)
- MBA (Oil and Gas Management)
- MBA (Power Management)
- MBA (Digital Business)
- MBA (Aviation Management)
- MBA (Logistics and Supply Chain Management)
- MBA (International Business)
- MBA (Human Resources/ Marketing Management/ Financial Management/ Operations Management)
- MBA (Business Analytics)
- MA Economics (Energy Economics)
- MA Economics

SCHOOL OF LAW (SOL)

- BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)
- BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)
- B.Com. LL.B (Hons.) (Taxation Law / Media and Entertainment Law/ Legal Compliance and Secretarial Practices)

- B.Tech Computer Science and Engineering with LL.B. (Hons.) (Cyber Law / Intellectual Property Rights)
- B. Tech Energy Technology with LL.B (Hons.) in Intellectual Property Rights Law
- LL.M. (Energy Law / Business Law / International Economic Law / Law and Technology)SCHOOL OF

SCHOOL OF HEALTH SCIENCES (SOHS)

- B.Sc. (Food, Nutrition and Dietetics)
- B.Pharmacy
- B.Sc. (Microbiology)
- B.Sc. (Clinical Research)
- B.Tech (Food Technology)
- M.Sc. (Microbiology)
- M.Sc. (Nutrition and Dietetics)
- M.Sc. (Clinical Research)

SCHOOL OF MODERN MEDIA (SOMM)
- BA (Journalism and Mass Communication)
- BA (Digital and Mass Media)
- BBA (Events, Public Relations and Corporate Communications)

ADMISSION PROCESS

Program	Selection Criteria
B. Tech	Admission is based on UPES Engineering Aptitude Test followed by Centralized Counseling Or Centralized Counseling through Merit rank for Non-Exam Category (JEE)Based on Screening of Application & Interview
M. Tech	Based on Screening of Application & Interview
B.Sc.	Admission is based on screening of Application and Interview
BCA	Admission is based on performance in Technical Interview
B. Des.	Based on performance in UPES – DAT Online Entrance Test followed by Presentation of Portfolio and Interview Or For candidates with Board merit, the admission is based on the performance in Interview and Portfolio Presentation Or Based on Valid and Qualified JEE MAIN/ UCEED scores and performance in Interview and Portfolio Presentation
M. Des.	Based on UPES Online Design Aptitude Test score and portfolio presentation and interview
BA LL.B / BBA LL.B / B.Com LL.B/ B.Sc LL.B	Admission is based on performance in UPES Law Studies Aptitude Test (ULSAT) / Board Merit / CLAT AIR Merit / L-SAT India Merit followed by Group Discussion & Interview

Program	Selection Criteria
B. Tech LL.B	UPES Engineering Aptitude Test (UPESEAT) followed by Centralized Counseling
LLM	Based on UPES Online Entrance Test
B. Pharm.	Based on performance in test and Personal Interview
MBA	Admission is based on performance in UPESMET / National Level Test, followed by Group Discussion and Interview
BBA	X and XII Any Stream, Group discussion and Personal Interview
M.Sc	10th and 12th (PCM/B) and graduation in relevant subject
MA	X, XII and Graduation in any stream
BA	X and XII Any Stream, Personal Interview
B. Com (Hons.)	Class X and XII

STUDENTS INTAKE

Number of Programs Offered: **105**
Number of Eligible Applications received for admission to all programs: **92546**

Number of Students Seats: **3360**
Number of Students Enrolled: **3737**

UPES
UNIVERSITY WITH A PURPOSE

STUDENT DIVERSITY

GRADUATION SYSTEM	MALE	FEMALE	TOTAL
Under Graduate Program:	7628	3258	**10886**
Post Graduate Program:	679	313	**992**
Total Student:	**8307**	**3571**	**11878**

*As on 31st December 2021

Student from Different States and Union Territories of India	
Andaman and Nicobar Islands	5
Andhra Pradesh	140
Arunachal Pradesh	4
Assam	79
Bihar	685
Chandigarh	44
Chhattisgarh	206
Dadra and Nagar Haveli	3
New Delhi	848
Goa	5
Gujarat	137
Haryana	1140
Himachal Pradesh	175
Jammu and Kashmir	44
Jharkhand	287
Karnataka	46
Kerala	157
Madhya Pradesh	654
Maharashtra	292
Manipur	1
Meghalaya	2
Mizoram	1
Nagaland	4
Orissa	84
Pondicherry	5
Punjab	272
Rajasthan	995
Sikkim	1
Tamil Nadu	149
Telangana	121
Tripura	5
Uttar Pradesh	3165
Uttarakhand	1892
West Bengal	201

Students from India: 11849
Students from other Countries: 29

FACULTY AND STAFF DIVERSITY

FACULTY STRENGTH 748

PROFESSOR 102

ASSOCIATE PROFESSOR 122

ASSISTANT PROFESSOR 524

Male: 87 Female: 15

Male: 95 Female: 27

Male: 358 Female: 166

Percentage of Faculty with Doctoral Degree: 45.59%
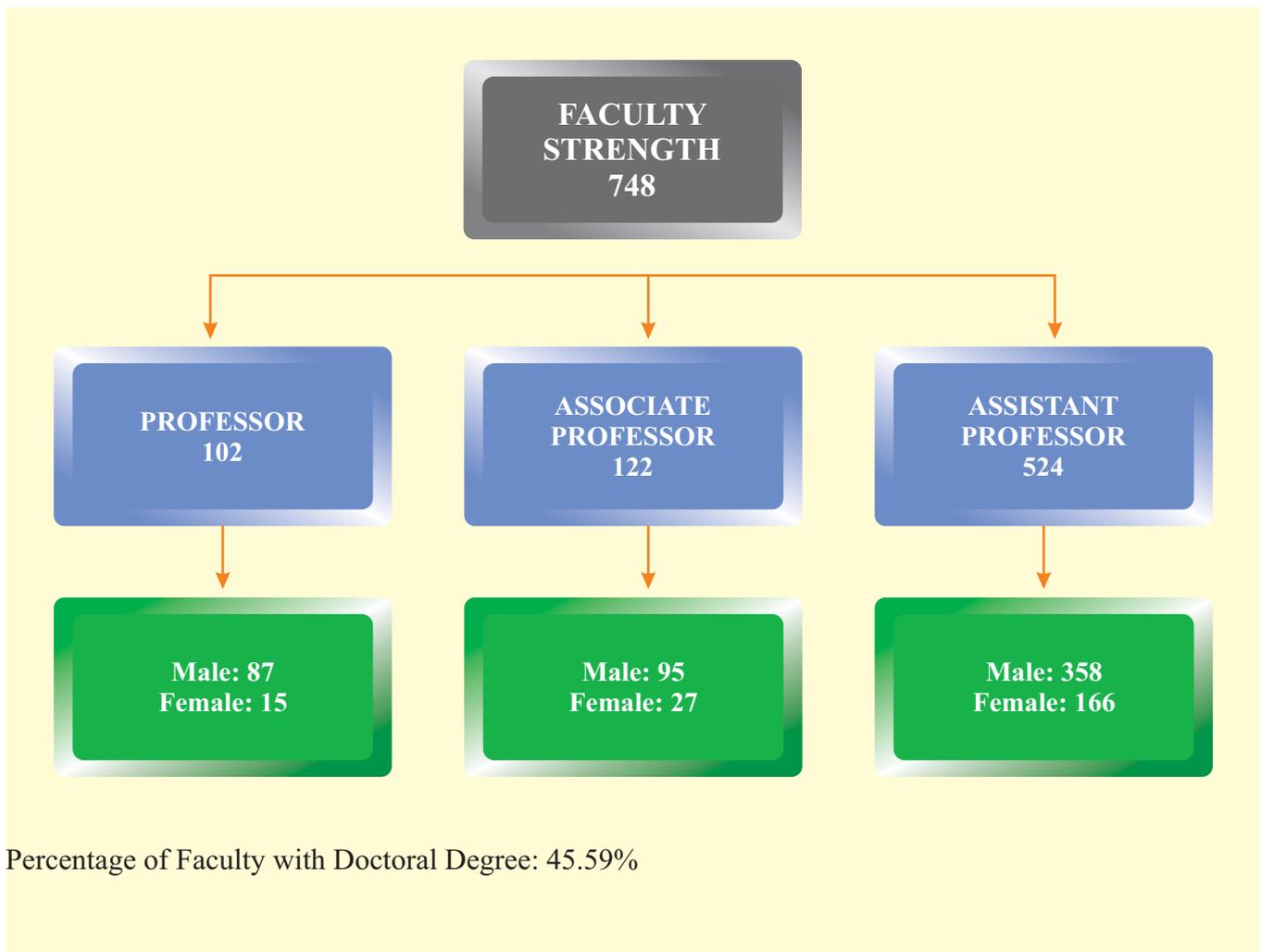
HUMAN RESOURCES

PEOPLE DEVELOPMENT PROGRAM

UDAAN: A Leadership building program for 30 Academic Heads of Departments from 6 schools with an aim to build their leadership capability, thereby helping them to become more effective people managers, was launched. This is a 1-year long journey having 4 powerful modules on Managing Self, Managing Teams, Managing Organizations and Leading Change. Each module is designed in a way that there are lots of interactive sessions, simulations and role plays with an immersive experience. Each module is further designed with a slot of 3 days, thereby ensuring an investment of 12-man days of leadership development at HOD level.

SHAKTI 2: After successful completion of Shakti 1, UPES launched Shakti 2, a power packed program for the emerging women leaders at UPES. The purpose of the program is to develop the leadership capability of our women leaders who have been taken through a carefully designed intervention, focused on adaptive skills, emotional intelligence, communication effectiveness and multiple other competencies needed to be successful in the world of tomorrow. The program is spread over nine months and is based on real empowerment.

Shikhar is talent development initiative and has been designed for developing leadership capability and a pipeline for larger roles as UPES grows. The program has been designed with the intent of helping the leaders to understand their roles deeper and quickly cultivate credibility with their stakeholders and also to make them start their journey from Manager to Leader Transition. The program consists of 4 modules for a period of 9 man-days.

PRAGATI 2: The initiative was launched to inspire high potential and high performing leaders who possess the capability, attitude, aspiration and have been contributing to the organizational growth. The five key elements of Pragati are Inspire, Influence, Immerse, Improve and Ignite. The programs focus on executive coaching and mentoring with the objective to develop strengths of individuals and work on their areas of development. It aimed to find the next top leaders of UPES who have the capability to move at least one level higher from their current role in a time span of two years and at least two level higher in 4-5 years. Pragati has 4 modules based on the Mckinsey Transformational Leadership Program and designed for a period of 12 months.

SAMMAN: 'Samman' is an event where the entire leadership team meets to celebrate the achievements of the times that have been and discuss the strategy for the times that will be. As part of the celebrations in "Manthan", Excellence Awards are conferred upon employees under 8 categories as below:

o SOUL of UPES   o Best Faculty

o Best Researcher   o Best School

o Best Team   o Best Employee Award

o Best Leader – Academic & Non-Academic   o Best New Comer Award - Academic & Non-Academic

Nominations are taken from School Heads, Functional Heads and Managers, followed by which an Awards Selection Committee comprising of Vice Chancellor, Chancellor, Chief Commercial Officer and Head HR deliberate looking at all achievements of nominees. Finally, those selected are felicitated at the Annual Awards – 'Excellence Awards Ceremony' at **Manthan**, one of the grandest Felicitation Fiestas at the UPES.

OTHER PROGRAM

HR ACTIVITIES DETAILS

Type of the program	Program Name	Start Date of the Program	Total number of participants (Teaching)	Total number of participants (Non-Teaching)
Women Leadership Training	Shakti	Jan-20	12	3
Sr. Leadership Training	Pragati	Jan-20	2	-
Faculty Leadership Training	Udaan	Nov-19	27	-
First Time Managers	Shikhar	Jan-20	10	3
Faculty Development	PGCAP	Oct-20	25	-
Faculty Development	Blackboard Trainings	Aug-20	Open to all	-
Faculty Development	Training & Teaching	Aug-20	Open to all	-
Skills Development	Digital Photography	Oct-20	Open to all	Open to all
Skills Development	Digital Marketing	Jan-21	Open to all	Open to all
Skills Development	Social Media Marketing	Feb-21	Open to all	Open to all
POSH	Gender Sensitization	Feb-21	Open to all	Open to all
HR Induction	HR Induction	Apr-21	2	3
HR Induction	HR Induction	Apr-21	0	1
HR Induction	HR Induction	Apr-21	0	1
HR Induction	HR Induction	Apr-21	2	3
HR Induction	HR Induction	May-21	3	0
HR Induction	HR Induction	May-21	0	13
HR Induction	HR Induction	May-21	1	2
HR Induction	HR Induction	Jun-21	8	1
HR Induction	HR Induction	Jun-21	2	0

EMPLOYEE WELFARE MEASURES

Sr. No.	Title of the Welfare Measure	No. of Beneficiary
1.	Group Medical Health Insurance	963
2.	Sabbatical Leave/Study Leave	07
3.	Maternity Leave	13
4.	Paternity Leave	27

INCENTIVES / AWARDS GIVEN TO EMPLOYEES

Name of the Award / Recognition	Number of Employees	Date of Receipt of Award
Academic Excellence	5	12-Feb-21
Academic Support Excellence	3	12-Feb-21
Operational Excellence	1	12-Feb-21
Research Excellence	5	12-Feb-21

Train The Trainer Initiative

WE CARE Initiative

Culture Transformation
- Towards an Open & Inclusive Culture

Virtual Interaction - Bring Your Coffee

Women's Cricket Team

Men's Cricket Team

UPES won the 7th Shaheed Memorial
Cricket Tournament

ACADEMIC REPORT

ACADEMIC INNOVATION & PEDAGOGY

o   Minors and Diploma programs for fast learners

o   Industry-based curriculum

o   Virtual Labs/ Classrooms

o   Overall development providing multi-dimensional exposure through School of Life courses

o   Exams in proctored mode

o   Asynchronous sessions

o   State-of-art facilities in labs including 3D printing, design equipment, etc.

o   Research support and exposure to students

o   EDGE support for placement activities

o   Continuous evaluation in lab courses

o   Boundless courses through Coursera

o   Learning entrepreneurship as a part of the curriculum

o   Developing social values in students through social internship and NSS

o   Successfully implemented HBO teaching pedagogy across the university using Blackboard Platform.

o   Seamless practical exposure to the students in Virtual Labs during the ongoing pandemic.

o   Implemented 'NayiDisha' Program for slow learners and Project based learning for fast learners.

o   Utilizing the Digital Assessment Platforms to enhance the student outcomes.

o   Master classes from Industry experts.

ACADEMIC DELIVERY DATA – CLASSES SCHEDULED & HELD

Name of School	Number of total sessions allotted in a year	Total number of sessions taken in a year**	% of Lectures completed
School of Business	24690	23208	94%
School of Computer Science	38343	35277	92%
School of Engineering	34518	31575	91%
School of Health Sciences	2345	2187	93%
School of Law	22110	19974	90%
School of Modern Media	285	256	90%
School of Design	5972	5578	93%

*Rest of the session are taken as Extra classes **including classes conducted through Face to face and Online mode

LABORATORIES DETAILS

Sr.	Department wise Lab Cluster	Laboratory Name
		School of Engineering
1.	Aerospace	Aerodynamics
2.		Avionics Lab
3.		Aerospace Propulsion
4.		Aircraft Structures Lab
5.		Aero Modeling & Fabrication
6.		Flight Simulation Lab
7.		CFD
8.	Mechanical	Automotive Chassis Lab
9.		Automotive Electrical & Electronics
10.		Engine Trouble Shooting Lab
11.		Engine Testing & Emission Measurement
12.		Workshop (Carpentering Shop, Fitting Shop, Machining Shop, Welding Shop)
13.		Advanced Manufacturing Lab
14.		Manufacturing Lab
15.		Fluid Mechanics
16.		Advanced Fluid Mechanics Lab
17.		Material Testing Lab
18.		CAD Lab
19.		CAD Lab II
20.		Design and Analysis Lab
21.		Advanced Material Science Lab
22.		Composite Lab
23.		Corrosion Lab
24.		Theory Of Machine Lab
25.		Metrology
26.		Quality Lab
27.		Ergonomics Lab
28.		Thermal Lab
29.		Refrigeration and Air Conditioning Lab
30, 31, 32		BOSCH LAB - PLC & Automation lab (D-Space), CAM Lab (Mechatronics Lab), Hydraulic &Numatics

Sr.	Department wise Lab Cluster	Laboratory Name
33.	Civil Engineering	Concrete Testing Lab
34.		Transportation Engineering Lab
35		Soil Mechanics
36.		Surveying
37.		Structure Lab
38.	HSE Engineering	Health, Safety & Environment
39.		Fire Fighting /Fire Ground
40.		Fire Safety
41.		Industrial Hygiene Lab
42.	Chemical Engineering	Mass Transfer
43.		Chemical Reaction Engineering
44.		Petroleum Product Testing
45.		Heat Transfer
46.		Instrumentation and Control
47.		Particulate Technology Lab
48.		Chemical Research Lab
49.		PCBL
50.	Electronics	Basic Electronics Lab
51.		Electronics Devices and Circuit-I
52.		Electronics Devices and Circuit-II
53.		Linear Integrated Lab
54.		Analog and Digital Electronics Lab
55.		Microprocessor Lab
56.		Microprocessor & Micro Controllers Lab
57.		Advanced Microprocessor & Embedded System Lab
58.		Analog & Digital Communication
59.		VLSI Design Lab
60.		DSP Lab
61.		Electronics Workshop
62.		Instrumentation & Measurement Lab
63.		Transducer & Application Lab
64.		Microwave & Antenna Lab
65.		Control & Simulation Lab
66.		Image Processing & Machine Vision Lab
67.		Robotics Lab
68.		PLC & Automation Lab

Sr.	Department wise Lab Cluster	Laboratory Name
69.	Electrical Engineering	Basic Electrical Lab
70.		Network/Circuit Theory
71.		Control Engineering Lab
72.		Electrical and Electronics Measurement Lab
73		Power Electronics & Electric drives Lab
74.		Electrical Machines Lab
75.		Power System Protection & Switch Gear Lab
76.		Energy Lab
77.	Basic Sciences	Physics Lab - I
78.		Physics Lab - II
79.		Physics Lab - III
80.		Physics lab - IV
81.		Chemistry - I
82.		Chemistry - II
83.		Chemistry - III
84.	Earth Sciences Engineering	Drilling Fluid & Cementation Lab
85.		Geology Lab
86.		Production and Reservoir Engineering
87.		Geo physics Lab
88.		High Computational Lab
89.		Litho and biostratigraphy Lab
90.		Rock Mechanics Lab
91.		Mine Ventilation Lab
92.		Mineral Processing Lab
93.	Professional Communication	Studio - I
94.		Studio - II
95.	Centralized Facility	Computer Center
School of Health Science		
96.	Health Sciences	Pharmacology Lab
97.		Pharmaceutics Lab
98.		Pharmaceutical Chemistry Lab
99.		Pharmacognosy Lab
100.		Machine Room

BLACKBOARD

A state-of-the-art mobile enabled digital learning and collaborative platform ('Blackboard') has been implemented. 'Blackboard' as Learning Management System tool is used in some courses for Hybrid – Blended teaching and learning. The features are mentioned below

- Blackboard Collaborate is majorly used for synchronous sessions. Lectures are being recorded for students to review and listen to lectures offline. In some courses, content is being used for asynchronous sessions. Reporting features are also available only for individual courses

- Management – Course Reports, Performance Dashboard, Retention Center

- Information – Email, Calendar, Announcements, Tasks, My Grades, User Directory

- Content – Course Structure, Lesson Content, Weblinks, Links to media, Multimedia content is developed by UPES faculty members on LMS - Blackboard

- Collaboration – Discussion Boards, Blogs, Wikis, Journals

- Assessment is used for conducting Class Tests, Online Tests, Assignments, Rubrics, Grade Center Supplementary Examinations, Mid-term Examinations and End Semester Examinations for non-graduating batches

- Kaltura – Video Recordings

- Respondus – Online Proctoring for Assessments

Blackboard was relied upon heavily to conduct online classes in response to the pandemic and continues to be a mission critical technical platform for UPES.

UPES is seen as a leader and exemplar in the Blackboard community in India, which contributes to the brand and reputation of the university. UPES has been recognized with 3 Catalyst Awards in the year 2021.

- One for 'Leading Change', this award honours institutions who are at the forefront of educational innovation.

- One for 'Optimizing Student Experiences', this award honours institutions whose educational and administrative innovations have markedly improved the total learner experience.

- One for 'Teaching and Learning', this award recognizes those who have adopted flexible distance and online delivery, including using mobile technologies to positively impact the educational experience.

FACULTY FEEDBACK

In order to ensure that students have an enriching learning experience, UPES has implemented a certain Quality Assurance Systems and procedures. In particular, to ensure the quality of teaching, learning and assessment, including other support facilities (Campus, Infrastructure, IT services etc.). The University collects feedback from various stakeholders (Alumni, Faculty, Students and Employers) for the purpose of continuous quality improvement in the courses taught and other facilities.

The feedback helps us to consider concerns and difficulties of students, if any, and plans improvements that may be necessary to enrich the teaching learning experience. Students' feedback helps UPES work towards higher excellence of self-correcting and self-perfecting.

The University Academic Monitoring System operates through a unified portal to enable online and accurate feedback to different levels of hierarchy for timetable implementation and the student's attendance.

To ensure the quality of teaching, learning and assessment, UPES collects feedback once in a semester from students for the purpose of continuous quality improvement in the courses taught. The Teaching and Learning Feedback Questionnaire has three sections, namely, Teaching & Learning, Course Structure and Design and Overall Quality of the Course. Feedback Questionnaire is made available on the student portal just after the mid semester examinations and remain there for a duration of three weeks. The Academic Planning and Monitoring Team consolidates parameter wise data and analyzed data output is shared with HR Department, Academic Strategy Team and Schools and Departments for their further action.

IQAC (INTERNAL QUALITY ASSURANCE CELL) INITIATIVES

Meeting Held On	Major Initiative Taken in AY 2020-21
21st September 2020	Introduction to NEP 2020 by the Vice Chancellor- IQAC advised to initiate the implementation of the NEP
	IQAC initiated the concept of School for Life which will provide a learning pathway to students from diverse backgrounds through distinct levels of subject competencies with a choice of differentiated areas of in-depth learning in the liberal arts, humanities and life skill subject
	Discussion on the Strategic Academic Model (future road map) – An initiative was taken to upgrade the research infrastructure, improving teaching–learning with truly multidisciplinary curriculum by launching a different major-minor combinations and enhancing student experience.
	The Committee approved the Placement Policy effective Academic Year 2020 and recommended the same to the Academic Council for further approval.
	The Committee initiated the implementation of digital transformation for a paradigm shift by developing a unified software platforms / dashboard for live academic monitoring.
	IQAC Approved the document of guidelines for Mentor Mentee System framework.
	Reviewed quality of teaching, learning and assessment and feedback process.
	The Committee deliberated on the challenges faced during Blackboard based examination. The Vice Chancellor created an internal committee to evaluate options of proctored examination platforms on various parameters, such as ease of question paper creation & uploading, proctoring and online evaluation

Meeting Held On	Major Initiative Taken in AY 2020-21
7th December 2020	The Committee approved the Roadmap for Implementation of NEP 2020
	Initiated the constitution of Sub Committees of Academic Council
	The Committee initiated discussion and review of Research and Development Plan of the University
	The Committee approved process for the selection of Ph.D Guide and allotment of Scholars
	The Committee initiated discussion on Analysis of Teaching Quality Feedback.
	The Committee initiated Establishment of School for Life as a degree awarding school and recommended the same for approval of Academic Council
	The Committee approved the Mentoring Program Framework
19th April 2021	Reviewed and approved Revised Academic Structure of UPES
	Reviewed and suggested changes in the Comprehensive Policy for Research, Patents and Start-ups for faculty and staff
	Initiated Co-Teaching with International Universities
	The Committee initiated discussion on proposed changes in SOP of the PhD program to be incorporated into PhD regulations
	The Committee approved detailed Research Plan and long term research focus
	The Committee initiated a discussion on structured faculty feedback
	The Committee reviewed and approved the Code of Conduct and Guidelines to be prepared for Online Classes for students
	Approved Annual Calendar for the signature events in the University

ACHIEVEMENTS AND ACTIVITIES: SCHOOL, FACULTY AND STUDENTS

SCHOOL ACHIEVEMENTS AND ACTIVITIES

Name of School	Name of the Award	Name of the Awarding Agency	National / International	Type of Awarding Agency	Date of receipt of Award
SOE	Global Student Chapter Excellence Award (2021)	Society of Petroleum Engineers Student Chapter	International	Chapter Award	May-2021
SOE	Winner of IMechE UAS Challenge 2021	Institution of Mechanical Engineers, Westminster, United Kingdom.	International	Event Award	June-2021
SOCS	Top 100 GitHub Actions Award	GitHub (Microsoft)	International	Private Worldwide (International) Open Source Community for Software Project Collaboration	May-2021
SOB	Takshila Award	3AI Pinnacle Awards	National	Corporate/Industry	Aug-2020
SOB	India's top 50 B-Schools survey 2020 – non IIMS, SOB ranked 24th	The Academic Insight	National	Industry/Magazine	Jul-2020
SOB	Business Today – Survey 2020 (SOB Ranked 75th)	Business Today	National	Industry/Magazine	Nov-2020
SOB	India Today B School Ranking (SOB - BBA Program Ranked 22nd)	India Today	National	Industry/Magazine	Jul-2021
SOL	One of Top Law Schools	Forbes Legal	National	Forbes Legal Powerlist 2020	Mar-2021
SOL	Amongst Top 10 Private Law Colleges in India	Powerlist 2020 India Today	National	India Today	Jul-2020

FACULTY ACHIEVEMENTS AND ACTIVITIES

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOE	Dr Pankaj Thakur	Receiver of Patent for invention in term of " Analytical Application of Titanium (IV) Molybdotungstate for Estimation of Yttrium (III) ions	Patent	National	08-Dec-20
SOE	Dr Ashish Karn	"Fabric Helmet to help prevent COVID-19 Contamination	Project	National	12-Jul-20
SOE	Dr Shyam Pandey	Automatic Hand Sanitizer Dispenser for workplace	Project	National	25-Jul-20
SOE	Mr Narayan Khatri	Automatic Hand Sanitizer Dispenser for workplace	Project	National	25-Jul-20
SOE	Ms Geetanjali Raghav	Automatic Hand Sanitizer Dispenser with Temperature Monitoring & Mask Detection System	Project	National	25-Jul-20
SOE	Dr Ajay Kumar	Automatic Hand Sanitizer Dispenser with Temperature Monitoring & Mask Detection System	Project	National	25-Jul-20
SOE	Ms Geetanjali Raghav	An Automated Sanitization and Screening System for Public Transport	Project	National	25-Jul-20
SOE	Mr Nilanjan Bharadwaj	An Automated Sanitization and Screening System for Public Transport	Project	National	25-Jul-20
SOE	Dr. Sudhir Joshi	Second Runner Up Award (with prize Money of Rs. 30,000/-) at Hexagon MSC Virtual User Conference 2020.	Project	National	07-Dec-20
SOE	Dr. Vijay Patidar	Second Runner Up Award (with prize Money of Rs. 30,000/-) at Hexagon MSC Virtual User Conference 2020.	Project	National	07-Dec-20
SOE	Dr. Om Prakash	Member Employee Letter from IEEE	Membership	National	13-Mar-20
SOE	Dr. Sudhir Joshi	Member of Advisory Board	Membership	International	01-Jun-21
SOCS	Dr. Hitesh Kumar Sharma	Research	This award is awarded by UCOST Uttarakhand in their Annual Function	National	21-Nov-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOCS	Dr. Monit Kapoor	Leadership	Award received for Excellent Leadership Skills	National	20-Apr-21
SOCS	Ms. J. Dhiviya Rose	Service	Award received for Excellent Services	National	20-Dec-21
SOCS	Dr. Monit Kapoor	Academic	Award received for Excellent Academic Contribution	National	20-Dec-21
SOCS	Dr. Deepshikha Bhargava	Research	Award received in Research	National	21-Apr-21
SOCS	Mr. Pankaj Badoni	Research	Award received in Research	National	21-Jun-21
SOCS	Dr. Sonali Vyas	Research	Award received in Research	National	21-Jul-21
SOCS	Dr. Hitesh Kumar Sharma	Research	This award is awarded by UCOST Uttarakhand in their Annual Function	National	21-Nov-21
SOCS	Dr. Kaushik Ghos	Conference	Best Paper Award in International Conference	International	6-May to 7-May-21
SOCS	Dr. Kaushik Ghosh	Appreciation	Awarded with Certificate of Recognition for Developing IoT Course for MSME-IID (Govt. of India).	National	5-Apr-21
SOCS	Mr. Saurabh Shanu	Tiger Report	Research Collaborative Authorship Tiger Report , Project Tiger Government of India	International	29-Jul-20

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOCS	Ms.Sugandha Sharma	Artificial Intelligence –Industrial Solutions for Start-ups	"Industry Expert" and "Guest Speaker" by Institute for Industrial Development (IID), an incubator of Ministry of Micro Small and Medium Enterprises (MSME), Govt. of India, under PPP	National	10-July-20
SOCS	Mr. Ajay Rawat	Google Data Engineer	Certification Transcript awared by Google	International	7-Jul-20
SOCS	Mr. Ajay Rawat	Google Architect	Certification Transcript awared by Google	International	6-Dec-20
SOCS	Mr. Pankaj Badoni	Facilitation of Best Faculty at State level	Rewarded Teacher of the Year 2020 Certificate by Divya Himgiri	State	5-Sep-20
SOCS	Ms. Apurva Gupta	Health & Fitness	1000 Women of Asia Award	International	21-Aug-21
SOCS	Ms. Apurva Gupta	Academic	Best Teacher Award	State	5-Sep-21
SOCS	Ms. Apurva Gupta	Fitness	Interviewed by Fit Tak	National	15-Sep-21
SOCS	Dr. Deepika Koundal	Conclave	Selected for 6th Brics Young Scientist Conclave in Cyber Physical Solutions Space held from 13th - 16th September, 2021.	National	13 Sep to16 Sep-21
SOCS	Dr. Neelu Jyothi Ahuja	Women Achiever Award	Received Award in Waste Management Category	International	1-Mar-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOCS	Dr. Deepika Koundal	Selected For 6th Brics Young Scientist Conclave	Selected for 6th Brics Young Scientist Conclave in Cyber Physical Solutions Space	International	13 Sep to 16 Sep-21
SOCS	Dr. Jagdish Chandra Patni	Researcher Excellence Award 2021	Received Researcher Excellence Award for Commendable Research	National	1-Sep-21
SOCS	Ms. Sugandha Sharma	Superwoman Award on International Women's Day Rotary Club, Uttarakhand	Awarded in two categories 1.Women in Tech 2.Advocating for Women Rights and Normalizing Single Parenthood in Society	National	7-Mar-21
SOCS	Ms. Sugandha Sharma	Certificate of Appreciation	Guest Speaker on Artificial Intelligence for Entrepreneurs	National	18-Jan-21
SOCS	Ms.Sugandha Sharma	Certificate of Appreciation	Video Lecture Course Design and Development on AI for Entrepreneurs	National	5-Apr-21
SOCS	Dr. Deepika Koundal	Conclave	Selected for 6th Brics Young Scientist Conclave In Cyber Physical Solutions Space	National	13 Sep to 16 Sep-21
SOB	Dr. Vinay Kandpal	Financial Inclusion & Literacy Leadership Award 2020	Runner Up	National	6-Nov-20

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOB	Dr. Sakshi Bathla	Associate Fellow of Higher Education Academy (AFHEA)	Associate Fellowship	International	3-Dec-20
SOB	Dr. B K Chaturvedi	Outreach Activities to Promote Scientific Temper regarding Sustainable Development among all student of SC/ST Community in Tyuni, Chakrata and Kalsi Tehsil of Uttrakhand	Government Project	State	14-Dec-20
SOB	Dr. M Yaqoot	Outreach Activities to Promote Scientific Temper regarding Sustainable Development among all student of SC/ST Community in Tyuni, Chakrata and Kalsi Tehsil of Uttrakhand	Government Project	State	14-Dec -20
SOB	Dr. Atri Nautiyal	Outreach Activities to Promote Scientific Temper regarding Sustainable Development among all student of SC/ST Community in Tyuni, Chakrata and Kalsi Tehsil of Uttrakhand	Government Project	State	14-Dec-20
SOB	Dr. T Bangar Raju	National Conference on Renewable Energy and Sustainable Environment (NCRESE-2020)National	Research Paper Presentation	National	28-Aug-20
SOB	Dr. T Bangar Raju	Conference SMTST 2020	Research Paper Presentation	National	7-Aug-20
SOB	Dr. B. P. Panda	International Conference on Machine Intelligence & Data Science Application	Research Paper Presentation	International	4-Sept-20
SOB	Dr. Vinay Kandpal	British Accounting and Finance Association (BAFA) South-West Area Group (SWAG) 2020 Annual Conference	Research Paper Presentation	International	7-Sep-20
SOB	Dr. Ruchi Tyagi	3rd Smart Cities Symposium	Research Paper Presentation	International	21-Sep-20
SOB	Dr. Vinay Kandpal	International Research Conference & Award Summit 2020	Research Paper Presentation	International	27-Sep-20
SOB	Dr. Ankur Mittal	North American Case Research Association (NACRA) 2020 Conference 2020.	Research Paper Presentation	International	8-Oct-20

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOB	Dr. Ruchi Tyagi	Information Technologies in Economy & Management Collection of Materials of the IV All-Russian Scientific-Practical Conference (with international participation). 2020	Research Paper Presentation	International	11-Nov-20
SOB	Dr. Ruchi Tyagi	Smolensk State University; Institute of Scientific Information For Social Sciences Of The Russian Academy of Sciences ; Aic Study Group On Environmental Color Design and Research And Education Center "Color Lab"	Research Paper Presentation	International	1-Dec-20
SOB	Dr. Rohit Sindhwani	Society of Operations Management, 2020	Research Paper Presentation	National	14-Dec-20
SOB	Dr. Sushil Kumar Rai	3rd International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-2020)	Research Paper Presentation	International	26-Dec-20
SOB	Dr. Rohit Sindhwani	International Conference of Digital Economy (ISDE) and ISDSI, 2020	Research Paper Presentation	International	27-Dec-20
SOB	Dr. Atul Rawat	3rd International Biennial Oil, Gas and Petrochemical Conference (OGPC2020)	Research Paper Presentation	International	28-Dec-20
SOB	Dr. Vinay Kandpal	Expert evaluation work for AICTE Chhatra Vishwakarma Award 2020.	Evaluation work for AICTE Chhatra Vishwakarma Award 2020	National	25-Jan-21
SOB	Dr. Ruchi Tyagi	Appointment as an Adjunct Professor in "The University of Trinidad and Tobago"	Adjunct Professor	International	9-Mar-21
SOB	Mr. Jagadish Prasad Sahu	"Discourse Analytica", an Economic Policy Research Consulting Firm	Advisory role as Sr. Consultant	National	11-Jan-21
SOB	Dr. Prasoom Dwivedi	Invited to be a Reviewer of Biotechnology Industry Research Assistance Council (BIRAC), Department of Bio Technology, Government of India.	Technical Expert	National	5-Jun-21
SOB	Dr. Neeraj Anand	National Conference on Resumption of Tourism industry in new Normal	Research Paper Presentation	National	28 to 29-Jan-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOB	Dr. Vikas Kumar	National Conference on Resumption of Tourism industry in new Normal	Research Paper Presentation	National	28 to 29-Jan-21
SOB	Dr. Ruchi Tyagi	VII Yalta Philosophical Readings. "Humanitarian Discourse in Modern Philosophy and Culture ", Nizhny Novgorod, Russian Federation	Research Paper Presentation	International	8 to 12-Feb-21
SOB	Dr. Devkant Kala	International Conference on Business Research and Innovation	Research Paper Presentation	International	26 to 27-Feb-21
SOB	Dr. Neeraj Anand	International Management Conference-IMC – 2021	Research Paper Presentation	International	27 to 28-Feb-21
SOB	Dr. Sushil Kumar Rai	International Management Conference School of Management, KIIT Bhubaneswar, India.	Research Paper Presentation	International	27 to 28-Feb-21
SOB	Dr. Neeraj Anand	6th International virtual Conference on "Managing Business in a COVID-19 Era: Opportunities and Challenges"	Research Paper Presentation	International	23-Mar-21
SOB	Dr. Sakshi Bathla	Annual Conference with Doctoral Master Classes	Research Paper Presentation	International	14-Apr-21
SOB	Dr. Devkant Kala	4th International Scientific Conference TOURMAN 2021 "Restarting Tourism, Travel, and Hospitality: The Day After"	Research Paper Presentation	International	21 to 23-May-21
SOB	Dr. Upananda Pani	The 22nd Annual Conference on Finance and Accounting	Research Paper Presentation	International	3 to 4-Jun-21
SOB	Dr. Totakura Bangar Raju	BWM2021: The Second International Workshop on Best-Worst Method	Research Paper Presentation	International	10 to 11-Jun-21
SOB	Dr. Devkant Kala	11th Conference on Excellence in Research and Education (CERE-2021)	Research Paper Presentation	National	18 to 20-Jun-21
SOB	Dr. Sumeet Gupta	11th Conference on Excellence in Research and Education (CERE-2021)	Research Paper Presentation	National	18 to 20-Jun-21
SOB	Mr. Promod Painuly, Dr. Githa Heggde	"Digitization E&P Roadmap" By Secretary Petroleum, GOI United Kingdom	Key Contributor in the Policy Document	National	10-Jun-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOB	Mr. Akhil Damodaran and Dr. Tarun Dhingra	SmartPChain, India's first Block Chain-based Public-Private Partnership framework.	Framework Development	National	1-Jul-21
SOB	Mr. Akhil Damodaran	Appointed as an Advisor in the firm IVIVI Tech Solutions Pvt. Ltd.	Advisory Role	National	1-Sep-21
SOB	Mr. Akhil Damodaran and Dr. Tarun Dhingra	Aeroopt	Developed Post Covid-19 Queue Management System For Airports	National	1-Jul-20
SOB	Dr. Prasoom Dwivedi, Dr. Alka Dwivedi, Dr. Anita Sengar	Socio-Economic Value Creation through Forest Bio-Residue Based Energy Generation in alignment with the UN's SDGs	Created Manual Briquetting Machine And Creating Value Chain for Pine Needle Briquettes.	National	7-Jan-21
SOB	Dr. Rajesh Tripathi, Dr. Swati Gupta, Dr. Tarun Dhingra and Mr. Akhil Damodaran	Cases registered in 2020 with the Case Centre, United Kingdom	Cases Authored By SOB Faculty (ordered by Indian Institute of Management Calcutta, Concordia University, Canada and Escuela Superior Politecnica del Litoral (ESPOL), Equador)	International	18-Jul-20
SOB	Mr. Akhil Damodaran	Regional Mentor for Change Uttarakhand	Centre Point of Contact for all Atal Innovation Lab Activities in Uttarakhand	National	1-Jul-21
SOB	Dr. Narendra Nath Dalei	Impact Assessment of Climate Change Literacy Programme of Indian Business Schools using Randomized Control Trial Method	Government Project	State	1-Apr-21
SOHS	Dr. Smriti Arora	Sustainable Approaches in Food Engineering and Technology	Second Position in Technical Session	International	26-Jun-21

STUDENT ACHIEVEMENTS AND ACTIVITIES

Name of School	Type of the Activity	Organizing Body	Name of the student / team	State/ National/ International/ Intra/ Inter University	Date
SOE	Invention	DST MyGov Innovate Portal	Abhinav Mudgal	National	25-Jul-20
SOE	Invention	DST MyGov Innovate Portal	Uday Veer Mittal	National	25-Jul-20
SOE	Higher Studies	Oxford Brookes University	Amit Chetry	International	27-May-21
SOE	Higher Studies	KU Leuven University, Belgium	T K Priyanka	International	27-May-21
SOE	Higher Studies	University of Glasgow	Samarth Pratap Singh	International	3-Jun-21
SOE	Award	2021 SPE South Asia Student	Purnayan Mitra	International	1-Jun-21
SOE	Award	IIT Ropar - iHub Awadh - Agriculture and Water Technology Development Hub.	Aditya Kataria	National	1-Jun-21
SOE	Higher Studies				
SOE	Mentor	Czech Technical UniversotyAirbus	Abhinav Deep Pakki	International	23-Jun-21
SOE	Mentor	Airbus	Paras Adlakha	National	25-Jun-21
SOE	Mentor	Airbus	Komal Vohra	National	25-Jun-21
SOE	Mentor	Airbus	Utkarsh Jaiswal	National	25-Jun-21
SOE	Mentor	Airbus	Rayudu Sri Harsha	National	25-Jun-21
SOE	Mentor	Airbus	Jagriti Prajapati	National	25-Jun-21
SOE	Mentor	Airbus	Anshika Sarasawat	National	25-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Rajat Mondal	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Arjita Srivastava	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Ravindra Singh	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Rahul Jaiswal	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Tapan Mehta	International	19-Jun-21

Name of School	Type of the Activity	Organizing Body	Name of the student / team	State/ National/ International/ Intra/ Inter University	Date
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Rahul Sharma	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Ishika Jain	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Aarti Thakur	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Versha Kandpal	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Payal Singh	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Akshay Sethi	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Vivek Parth	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Jainam Patel	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Vipul Gupta	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Aditya Rathore	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Liya Duggal	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Sudhanshu	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Sarthak Aggarwal	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Yajat Vashisht	International	19-Jun-21

Name of School	Type of the Activity	Organizing Body	Name of the student / team	State/ National/ International/ Intra/ Inter University	Date
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Mansi Goswami	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Anand Radhakrishna	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Prajot Gorkhe	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Shreyansh Dubey	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Yashraj Singh Ranawat	International	19-Jun-21
SOE	Award	Institution of Mechanical Engineers, Westminster, United Kingdom	Simar Singh Chawla	International	19-Jun-21
SOE	Higher Studies	University of Sheffield	Samarth Pratap Singh	International	12-Jun-21
SOE	Higher Studies	University of Manchester	Samarth Pratap Singh	International	12-Jun-21
SOE	Higher Studies	University of Bristol	Samarth Pratap Singh	International	12-Jun-21
SOE	Invention	DST MyGov Innovate Portal	Abhinav Mudgal	National	25-Jul-20
SOE	Invention	DST MyGov Innovate Portal	Uday Veer Mittal	National	25-Jul-20
SOCS	Indian GitHub Star by Microsoft	GitHub (Microsoft)	Nishkarsh Raj	International	21-Feb-21
SOCS	Top 100 GitHub Actions Award	GitHub (Microsoft)	Nishkarsh Raj	International	20-May-21
SOCS	InnoChamp-2020 Winner	InnoChamp-2020	Sneha Surana	International	1-Jan-21
SOCS	Awarded as Best Youngest Researcher	Global Education and Corporate Leadership	Aditya Kakde	National	1-Nov-20
SOCS	Team Aurtistic are invited to United Nation's Action for Sustainable India: An Online UN 75 Dialogue as Speaker	UNDP	Ankit Vats Apoorve Dubey Aviral Shukla Naman Jain	International	1-Sep-20

Name of School	Type of the Activity	Organizing Body	Name of the student / team	State/ National/ International/ Intra/ Inter University	Date
SOCS	Co-Authored a Book	Notion Press	Tanishka Bhala	National	7-Jul-20
SOCS	GATE-2021	IIT Bombay (Organizing Institute)	Pratyush Narain	National	19-Mar-21
SOCS	Got Admission/ Scholarship at a top University	Radboud University and Orange Tulip Scholarship program	Ankit Gautam	National	16-Apr-21
SOCS	Got Admission/ Scholarship at a top University	Dalhousie University	Abhinav Rawat	National	11-Mar-21
SOCS	Got Admission/ Scholarship at a top University	University of Massachusetts at Amherst, Oregon State University, Virginia Tech, ASU, University of Maryland Baltimore County, and University of South Florida.	Janhvi Joshi	International	18-Mar-21
SOCS	Got Admission/ Scholarship at a top University	University of Massachusetts, Amherst	Avani Jindal	International	8-Mar-21
SOCS	Got Admission/ Scholarship at a top University	University of Massachusetts, Amherst	Shriya Sehgal	International	18-Mar-21
SOCS	Hackathon	UPES - CSI	Ramankur Goswami	National	21-Feb-21
SOCS	Hackathon	Computer Society of India-UPES	Shivam Purohit	National	21-Feb-21
SOCS	Hackathon	Computer Society of India - UPES	Ojasvi Chauhan	National	22-Feb-21
SOCS	Hackathon	UPES-CSI	Utkarsh Gupta	National	21-Feb-21
SOCS	Hackathon	UPES CSI	Tanya Malhotra	National	21-Feb-21
SOCS	Hackathon	Computer Society of India(UPES CSI Student Chapter))	Vanshaj Goel	National	21-Feb-21
SOCS	Hackathon	UPES CSI Student Chapter	Garvit Khurana	National	21-Feb-21
SOCS	Hackathon	Developer Student Club	Ashhar Ali	National	13-Dec-20
SOCS	Hackathon	Google Developer Student Club	Siddhant Gaurav Sharma	National	15-Dec-20
SOCS	Microsoft Learn Sudent Ambassador	Microsoft (Pablo Vermendi)	Aditya Pandey	International	7-Apr-21
SOCS	Organized Group or Event	Cyber Peace Foundation (https://www.cyberpeace.org/)	Shambhavi Pandey	International	9-Feb-21

Name of School	Type of the Activity	Organizing Body	Name of the student / team	State/ National/ International/ Intra/ Inter University	Date
SOCS	Organized Group or Event	Cyberpeace Foundation- https://www.cyberpeace.org/	Saksham Garg	International	9-Feb-21
SOCS	Professional Recognition	Microsoft Corporation	Shashwat Tiwari	International	8-Aug-20
SOCS	Participated in GoogleCloud Ready Facilitator Program	Google Cloud Edu	Kanupriya Chauhan	International	8-Apr-21
SOCS	Programming or Design Contest	Indian Institute of Project Technology	Ritul Priya	National	18-Sep-20
SOCS	Programming or Design Contest	Indian Institute of Project Technology	Rishav Singh	National	18-Sep-20
SOCS	Project Award	Indian Institute of Project Technology , Pune	Aditya Sharma	National	18-Sep-20
SOCS	Project Award	Tryhackme	Devakrishna Nair	National	3-Feb-21
SOCS	Publication	Notion Press Publishing	Etqad Ahmad Khan	National	12-Mar-21
SOCS	Publication	Electronic Letters on Computer Vision and Image Analysis	Aditya Kakde	National	19-Jan-21
SOCS	Publication	Amity University, IEEE Xplore	Abhinav Rawat	International	29-Jan-21
SOCS	Publication	International Journal of Computer Applications	Kashish Srivastava	International	16-Oct-20
SOCS	Publication	Springer, Singapore	Pravleen Kaur	National	15-Oct-20
SOCS	Publication	IC-ABA 2021 Jaipuria Institute of Management, Noida	Varun Tandon	International	6-Mar-21
SOCS	Publication	International Conference on Cutting-Edge Technologies in Computing and Comm. Engineering 2020 organized by NIT Kurukhsetra	Adarsh Shukla	International	25-Nov-20
SOCS	Publication	Forever Shinings, Notion Press, Amazon Kindle, Google Play Books	Tanishka Bhala	National	11-Jul-20
SOCS	Publication	Google	Aviral Lakhanpaul	National	23-Jun-21
SOCS	Publication	Google	Aviral Lakhanpaul	National	7-Jul-21
SOCS	Scholarship	Linux Foundation Training	Arathi S	National	1-Jul-21
SOCS	Social Service Recognition	Women Era in collaboration with Delhi Government	Manika Duggal	National	8-Mar-21

Name of School	Type of the Activity	Organizing Body	Name of the student / team	State/ National/ International/ Intra/ Inter University	Date
SOB	Top five teams for the Red Brick Summit, Business Shark Tank Challenges	IIM Ahmadabad and Institute of Management Accountants India Private limited	Vidushi Uniyal Naveen Kumar Sharma Mansi Sharma Sonali Mewar Shantanu Mamgain	National	22-Oct-20
SOB	Virtual Hydroponics Summit	Govt of Uttarakhand & Startup Uttarakhand	Priyanshu Jain	State	13-Aug-20
SOB	Patent Aerial Monitoring System And Method For Identifying and Locating Object Features	Indian Government	Sanjay Rawat	National	10-Dec-20
SOB	Farmer's Agitation On Farm Law In India: How Much Do You Know? – Analysis	Euresia Review	Abhay Kaushik Aditi Dikshit Bhavya Gupta Maria Elizabeth Thomas Mudit Garg Nupur Chavan	International	12-Dec-20
SOB	Young Solar Acheiver Award	Solar Energy Society of India	Saswat Sourav Panda	National	1-Jun-21
SOB	CMA Program Scholarship	Institute of Management Accountant	Aashi Garg	International	5-Jul-21
SOB	GATE AIR 172 in Arts & Humanities & Social Science	GATE (The Graduate Aptitude Test in Engineering)	B Udhay Kumar	National	20-Mar-21
SOB	Admission at Hult International Business School	HULT International Business School	Sparsh Gupta	International	19-May-21
SOB	Admission to the Master In Public Policy (MPP) Programme	The Lee Kuan Yew School Of Public Policy, National University, Singapore	Tushant Shreshtha	International	23-Apr-21
SOB	Grant Received For Startup Ebb and Flow Services Pvt. Ltd.	Directorate of Industries Govt. of Uttrakhand under Startup Uttrakhand	Pranjul Tiwari	National	1-Mar-21
SOHS	Internship	ZenOnco.io	Aastha Kaushik	Intra Industry level	07-Apr-21
SOHS	Internship	ZenOnco.io	Ananya Bishnoi	Intra Industry level	07-Apr-21

Name of School	Type of the Activity	Organizing Body	Name of the student / team	State/ National/ International/ Intra/ Inter University	Date
SOHS	International Conference	Enliven Archive	Ananya Bishnoi	International	14-Mar-21
SOHS	International Conference	The Mars Society	Divya Singh	International	6-Aug-21
SOHS	International Conference	The Mars Society	Anamika Chambiyal	International	6-Aug-21
SOHS	International Conference	Tezpur University, Assam, India	Nikita Bhambri	International	25-Jun-21
SOHS	International Conference	Tezpur University, Assam, India	Samiksha Puri	International	25-Jun-21
SOL	National Level Quiz Competition on Cyber Laws	National Institute of Technology	Vanshika Jain	National	July 2020
SOL	National Quiz Competition on Constitutional Law	MNF Law Firm	Aritraa Dhar	National	September 2020
SOL	1st National Article Writing Competition	Techlawedge	Ujjwal Kumar	National	August 2020
SOL	The ICC International Commercial Mediation Competition- Hong Kong	ICC	Eshwar Engu Nishtha Kansal Harsh Pandya Nishant Thakur	National	November 2020
SOL	World Women Leadership Congress and CMO Asia	World Women Leadership Congress and CMO Asia	Simran Bhaskar	State	March 2021
SOL	6th Prof. N. R. Madhava Menon South Asian Mooting Competition, Law Students Conference and Colloquium 2020-2021	Lloyd Law College	Neha Virmani	National	March 2021
SOL	Intercessions 2021 4th Edition of the ILSCA Inter College Mediation Competition	ILS Pune	Mukut Choudhary	National	March 2021
SOL	B.M Sreenivasiah Memorial 6th National Moot Court Competition, 2021	B.M.S. College of Law	Parth Nangru Abhishant Kumar Sanjana Dwivedi	National	May 2021

Name of School	Type of the Activity	Organizing Body	Name of the student / team	State/ National/ International/ Intra/ Inter University	Date
SOL	2nd Debate Competition organized by Lex Acharya in collaboration with Arka University	Arka University	Simran Bhaskar	National	June 2021
SOL	IMUN Online Conference (UN Recognised)	IMUN	Simran Bhaskar	National	March 2021

OUR ACHIEVEMENTS

UPES has been awarded for
'EXCELLENCE IN DESIGN EDUCATION'
—— at the ——
Adobe
Education Leaders Summit and Awards 2020

We are proud to announce
that UPES is now
QS I.GAUGE E-LEAD Certified
(E-Learning Excellence for Academic Digitisation)

Our perfect score of 150/150 is a testament
to our exceptional E-Learning methods.

#LearningNeverStops

Congratulations
to our esteemed #UPESStars

Dr. S. J. Chopra
Chancellor, UPES

Dr. Pankaj Kumar Sharma
Professor & Associate Dean, UPES

Granted a patent on Neelam Multi-fuel Burning Stove

DR. SUNIL RAI
Vice Chancellor, UPES

RANKED #3 FOR EXTRAORDINARY LEADERSHIP

by the EDUCATION WORLD
India Higher Education Grand Jury Awards 2020-21

University of the Year (North)
Awarded by ASSOCHAM
at 14th National Education Summit 2021

We have been awarded the coveted
BUREAU VERITAS SAFEGUARD CERTIFICATION
for maintaining the safety and hygiene to fight against the current pandemic.

Presented our board game "Aarogya" to Honorable Prime Minister. Top 7 teams out of 150 teams were selected for interaction with PM

Appreciation from **Hon'ble Prime Minister Narendra Modi** for UPES MIDAS Conference 2020

The two-way exchange of information will help the industry experts, researchers and students to update their knowledge and skills

I wish the Conference all success.

Winner of Toy Hackathon 2021
for 'Mission Setubandha'. A Co-Op board game which is one of its kind, it empowers empathy and cooperation

SRIJAN - Social Internship Program Inaugurated
Shri Tirath Singh Rawat, then Chief Minister of Uttarakhand inaugurated, SRIJAN - Social Internship Program at UPES, aimed at helping students become empathetic leaders of tomorrow

First of its kind collaboration that fosters software coding expertise for students.

1000 ration packets donated through Chief Minister Office to the tribal areas of Uttarakhand on 2nd October, 2021

EXAMINATIONS

ACADEMIC CALENDAR
Odd Semester (2020-21) (w.e.f. 01.08.2020)

Sr. No.	Activity/Events	Start Date	End Date	Department/ Owner of the event
1.	Raksha Bandhan	3-Aug-20	3-Aug-20	Holiday
2.	Pre-Semester learning module for SOB and SOD	3-Aug-20	31-Aug-20	SOB, SOD
3.	Employability Boot Camp (School of Engineering)	5-Aug-20	21-Aug-20	SOE
4.	Re-registration of All programs (SCS - 3rd, 5th 7th Semester), (SOB - 3rd and 5th Semester) & (SOD - 3rd, 5th 7th Semester)	6-Aug-20	7-Aug-20	SRE
5.	Re-registration of All programs of (SOE - 3rd, 5th 7th Semester), (SOL - 3rd, 5th 7th, 9th and 11th Semester) & (SOHS - 3rd Semester)	7-Aug-20	8-Aug-20	SRE
6.	New Academic Session AY 2020 (August to December) in online mode (2nd Year Onwards)	10-Aug-20	10-Aug-20	All Schools
7.	Independence Day	15-Aug-20	15-Aug-20	Holiday
8.	Registration (SOE, SCS-1st Semester)	17-Aug-20	23-Aug-20	SOE & SOCS
9.	Inauguration of M.Tech - 1st Semester	22-Aug-20	22-Aug-20	SOE
10.	Pre Semester Learning for M.Tech - 1st Semester	22-Aug-20	29-Aug-20	SOE
11.	Pre Semester Learning B.Tech (SOE, SCS & SOHS -1st Semester)	24-Aug-20	5-Sep-20	SOHS, SOE & SOCS
12.	Inauguration of B.Tech (SOE, SCS & SOHS - 1st Semester)	24-Aug-20	24-Aug-20	SOHS, SOE & SOCS
13.	Muharram/Ashura	30-Aug-20	30-Aug-20	Holiday
14.	Classes begins for M.Tech - 1st Semester	1-Sep-20	1-Sep-20	SOE
15.	Online Classes begins for 1st Semester students of SOB & SOD	1-Sep-20	1-Sep-20	SOB, SOD
16.	Registration (SOL, SoMM-1st Semester)	7-Sep-20	7-Sep-20	SOL, SoMM
17.	Online Classes begins for 1st Semester students of SOE, SCS, SOHS	7-Sep-20	7-Sep-20	SOE, SOHS & SOCS
18.	Pre Semester Learning (SOL -1st Semester)	14-Sep-20	18-Sep-20	SOL, SOMM
19.	B.Pharma Internal First Sessional Examination (3rd Semester)	18-Sep-20	18-Sep-20	SOHS

Sr. No.	Activity/Events	Start Date	End Date	Department/ Owner of the event
20.	Online Classes begins for 1st Semester students of SOL & SOMM	21-Sep-20	21-Sep-20	SOL, SoMM
21.	Orientation/Residency for July Intake - Doctoral program	23-Sep-20	25-Sep-20	R&D
22.	School Research Committee (SRC) 3	24-Sep-20	25-Sep-20	R&D
23.	Gandhi Jayanti	2-Oct-20	2-Oct-20	Holiday
24.	Mid Semester Examination (2nd Year Onwards)	5-Oct-20	17-Oct-20	All Schools
25.	FSS window for Mid Semester Marks uploaded	8-Oct-20	29-Oct-20	All Schools
26.	B.Pharma Internal First Sessional Examination (1st Semester)	14-Oct-20	14-Oct-20	SOHS
27.	Feedback Link enabled on Student Portal	19-Oct-20	20-Nov-20	All Schools
28.	Dussehra	25-Oct-20	25-Oct-20	Holiday
29.	B.Pharma Internal Second Sessional Examination (3rd Semester)	28-Oct-20	28-Oct-20	SOHS
30.	Mid Semester Examination (1st Year)	30-Oct-20	10-Nov-20	SRE
31.	Supplementary Registration	1-Nov-20	15-Nov-20	SRE
32.	Diwali Break	12-Nov-20	18-Nov-20	Holiday
33.	School Research Committee (SRC) 4	26-Nov-20	27-Nov-20	R&D
34.	Guru Nanak Dev Jayanti	30-Nov-20	30-Nov-20	Holiday
35.	B.Pharma Internal Second Sessional Examination (1st Semester)	30-Nov-20	30-Nov-20	SOHS
36.	Last Teaching Day of Odd Semester (2nd Year Onwards)	8-Dec-20	8-Dec-20	All Schools
37.	End Semester Examinations (2nd year onwards) - for Theory Courses	14-Dec-20	4-Jan-21	SRE
38.	Christmas	25-Dec-20	25-Dec-20	Holiday
39.	New Year Day	1-Jan-21	1-Jan-21	Holiday
40.	Last date for Even Semester Fee Submission	2-Jan-21	2-Jan-21	Finance
41.	Re-registration for next semester/session	7-Jan-21	10-Jan-2	SRE
42.	Last Teaching Day of Odd Semester (for 1st Semester of SOB, SOD)	8-Jan-21	8-Jan-21	SOB, SOD
43.	Next Session for 2nd year onwards (Jan-May'21)	11-Jan-21	11-Jan-21	All Schools

Sr. No.	Activity/Events	Start Date	End Date	Department/ Owner of the event
44.	End Semester Examinations (1st Semester of SOB & SOD)	15-Jan-21	25-Jan-21	SRE
45.	Last Teaching Day of Odd Semester (For all 1st Year SOCS,SOE,SOHS, SOMM and SOL)	22-Jan-21	22-Jan-21	SOE, SOHS,SOMM, SOL & SOCS
46.	End Semester Exam of 1st Semester of SOE, SOCS, SOL, SOHS, SOMM	25-Jan-21	5-Feb-21	SRE
47.	Republic Day	26-Jan-21	26-Jan-21	Holiday
48.	Next Session for 1st Year (Jan-May'21)	8-Feb-21	8-Feb-21	All Schools
49.	Declaration of End Semester Examination Result (1st Semester of SOB & SOD)	10-Feb-21	10-Feb-21	SRE
50.	Declaration of End Semester Examination result (1st Semester of SOE, SOCS, SOL, SOHS, SOMM)	20-Feb-21	20-Feb-21	SRE

EVEN SEMESTER (2020-21) (W.E.F. 01.01.2021)

Sr. No.	Activity/Events	Start Date	End Date	Department/ Owner of the event
1.	New year Day	1-Jan-21	1-Jan-21	Holiday
2.	Last date for Even Semester Fee Submission	2-Jan-21	2-Jan-21	Finance
3.	Re-registration of 2nd Year Onward Students	7-Jan-21	10-Jan-21	Finance
4.	Next Session for 2nd year onwards (Jan-May'21)	11-Jan-21	11-Jan-21	All Schools
5.	Republic Day	26-Jan-21	26-Jan-21	Holiday
6.	Supplementary Exam Registration for Graduating Batch (Odd & Even)	1-Feb-21	7-Feb-21	SRE
7.	Re-registration for 1st Year Students	6-Feb-21	7-Feb-21	SRE
8.	Next Session for 1st Year (Jan-May'21)	8-Feb-21	8-Feb-21	All Schools
9.	B.Pharma 1st Sessional Examination For 2nd Year	15-Feb-21	15-Feb-21	SOHS
10.	Re-evaluation End Semester Examination/Supplementary Odd Dec. 2020	20-Feb-21	6-Mar-21	SRE
11.	End Semester Examinations (1st Year Students for late registration after 15th November 2020)	22-Feb-21	4-Mar-21	SRE

Sr. No.	Activity/Events	Start Date	End Date	Department/ Owner of the event
12.	Supplementary Examination Graduating Batch	22-Feb-21	4-Mar-21	SRE
13.	Re-evaluation End Semester Examination 1st year	24-Feb-21	10-Mar-21	SRE
14.	Mid Semester Exam (2nd Year Onwards)	5-Mar-21	16-Mar-21	All Schools
15.	Declaration of Result End Semester Examinations (1st Year Students for late registration after 15th November 2020)	15-Mar-21	15-Mar-21	SRE
16.	Declaration of Result of Supplementary Graduating Batch	15-Mar-21	15-Mar-21	SRE
17.	B.Pharma 1st Sessional Examination For 1st Year	15-Mar-21	15-Mar-21	SOHS
18.	Mid Semester Exam (1st Year)	16-Mar-21	26-Mar-21	All Schools
19.	Re-evaluation Graduating batch	16-Mar-21	30-Mar-21	SRE
20.	First School Research Committee (SRC) - Ph.D	18-Mar-21	19-Mar-21	SRE
21.	B.Pharma 2nd Sessional Examination For 2nd Year	20-Mar-21	20-Mar-21	SOHS
22.	Holi	29-Mar-21	29-Mar-21	Holiday
23.	Supplementary Exam registration for Even Sem	1-Apr-21	10-Apr-21	SRE
24.	Good Friday	2-Apr-21	2-Apr-21	Holiday
25.	B.Pharma 2nd Sessional Examination For 1st Year	19-Apr-21	19-Apr-21	SOHS
26.	Ram Navmi	21-Apr-21	21-Apr-21	Holiday
27.	Last Teaching Day (2nd Year Onwards)	29-Apr-21	29-Apr-21	All Schools
28.	Remedial Classes / Preparation Leave	30-Apr-21	9-May-21	All Schools
29.	Supplementary Exam registration for Supplementary Exam(Odd Sem.)	1-May-21	10-May-21	SRE
30.	End Semester Examination	10-May-21	15-Jun-21	SRE
31.	Id-Ul Fitr*	14-May-21	14-May-21	Holiday
32.	Last Teaching Day (1st Year)	27-May-21	27-May-21	All Schools

Sr. No.	Activity/Events	Start Date	End Date	Department/ Owner of the event
34.	Second School Research Committee (SRC) - Ph.D	27-May-21	28-May-21	SRE
35.	Ph.D Course Work Examination	3-Jun-21	13-Jun-21	SRE
36.	Re-evaluation (End Semester Examination)	16-Jun-21	30-Jun-21	SRE
37.	Declaration of Result Even Semester (Supplementary)	22-Jun-21	22-Jun-21	SRE
38.	Supplementary Exam registration for Even Semester	24-Jun-21	30-Jun-21	SRE
39.	Declaration of End Semester Examination Result	30-Jun-21	30-Jun-21	SRE
40.	Supplementary Examination (Odd & Even)	7-Jul-21	30-Jul-21	SRE

EXAMINATION SCHEDULE

ACADEMIC YEAR-2020-2021 (ODD SEMESTER)

- Session began in the month of August 2020 and ended in the month of December 2020 (2nd year onwards Students)
- Session began in the month of September 2020 and ended in the month of December 2020 (Ist Semester Students)
- Session began in the month of December 2020 and ended in the month of Feburary 2021 for Ist Semester Students, who have taken admission after 15th Nov. 2020.

Summary of End Semester Examination December 2020

Year and Exam Cycle	No. of Students	Examination Window	Result Declaration
End Semester Examination Dec. 2020 (2nd year onwards Students) 7713 + *442 (*SOD)	8155	14th Dec. 2020 to 3rd Jan. 2021	18th Jan. 2021
End Semester Examination Jan. 2021 (Ist Semester Student)- Slot-1 3354+*244 (*SOD)	3598	15th Jan. – 8th Feb. 2021	23rd Feb 2021
End Semester Examination Feb./March 2021 (I sem. student admission taken after 15th Nov. 2020)- Slot-2	187	22nd Feb. – 10th Mar. 2021	25th Mar. 2021

Online Open Book Examination - End Semester Examination December 2020

End Semester Examination-Dec 2020	Open Book Examination
SOE	11
SOB	1

INITIATIVES TAKEN FOR AY 2020-21

AUTOMATION OF THE PROCESSES

Examination department of University continuously strives to improve all examination related processes for better functioning working towards complete automation of examination system from setting of question papers to the declaration of result.

- Online Re-evaluation process includes feature of Online Registration, Payment, and updated result communication.
- CBCS – Online registration of Exploratory Courses/Open Electives/Program Electives
- Degree Certificates for the year 2020, 2019 & 2018 have been uploaded on NAD-Digi locker platform.
- Online Evaluation Process through digital platform

RESULT ANALYSIS AND DECLARATION OF RESULT

RESULT ANALYSIS GRADUATING BATCHES -MAY 2021

School	Level	Total Strength	Qualified	PASS% age
SOB	PG	266	253	95.11
	UG	458	415	90.61
SOCS	PG	3	3	100
	UG	923	897	97.18
SOD	PG	16	10	62.5
	UG	118	72	61.02
SOE	PG	133	129	96.99
	UG	834	801	96.04
SOL	PG	35	24	68.57
	UG	509	468	91.94
Total		**3295**	**3072**	**93.23**

Result Analysis Graduating Batches -May 2021
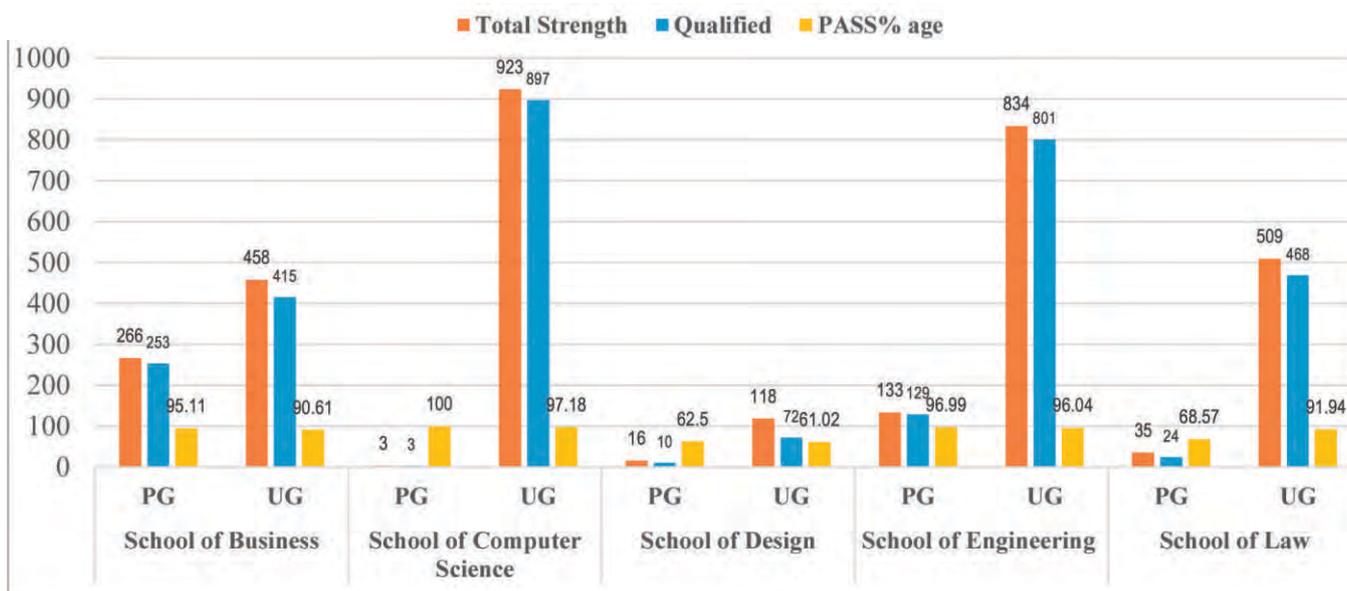
RESULT DECLARATION AY 2020-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Sc. (Hons.) Physics	PHE3U	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	B.Sc. (Hons.) Chemistry	CHE3U	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	B.Sc. (Hons.) Mathematics	MTE3U	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	B.Sc. (Hons.) Physics	PHE3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOE	B.Sc. (Hons.) Chemistry	CHE3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOE	B.Sc. (Hons.) Mathematics	MTE3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOE	B.Tech (Automotive Design Engineering)	ADE4U	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	B.Tech (Aerospace Engineering)	ASE4U	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	III / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	III / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	B.Tech (Electrical Engineering)	ELE4U	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	III / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOE	B.Tech (Geoinformatics)	GIE4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	B.Tech (Mechanical Engineering)	MHE4U	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	B.Tech (Mechatronics Engineering)	MEE4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	B.Tech (Aerospace Engineering)	ASE4U	V / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech (Aerospace Engineering)	ASE4U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	V / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	V / 2020	2-Jan-21	17-Jan-21	15	29-Dec-20
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	V / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOE	B.Tech (Electrical Engineering)	ELE4U	V / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	V / 2020	2-Jan-21	17-Jan-21	15	27-Dec-20
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	V / 2020	2-Jan-21	17-Jan-21	15	27-Dec-20
SOE	B.Tech (Geoinformatics)	GIE4U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOE	B. Tech (Geo-Science Engineering)	GSE4U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOE	B.Tech (Mechanical Engineering)	MHE4U	V / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOE	B.Tech (Mechatronics Engineering)	MEE4U	V / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOE	Bachelor of Planning	BPP4U	VII / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	B.Tech (Aerospace Engineering)	ASE4U	VII / 2020	2-Jan-21	17-Jan-21	15	18-Dec-20
SOE	B.Tech (Aerospace Engineering)	ASE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	VII / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	VII / 2020	2-Jan-21	17-Jan-21	15	18-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year-end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	VII / 2020	2-Jan-21	17-Jan-21	15	18-Dec-20
SOE	B.Tech (Electrical Engineering)	ELE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	VII / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	B.Tech (Geoinformatics)	GIE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B. Tech Geo-Science Engineering	GSE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech (Mining Engineering)	MNE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech (Mechanical Engineering)	MHE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech (Mechatronics Engineering)	MEE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	B.Tech (Power System Engineering)	PWE4U	VII / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	M.Sc (Chemistry)	CHE2P	III / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	M.Tech (Pipeline Engineering)	PLE2P	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	M.Tech (Petroleum Engineering)	PXE2P	III / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOE	M.Tech (Renewable Energy Engineering)	REE2P	III / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	M.Tech (Energy Systems)	ESE2P	III / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOE	M.Tech (Health, Safety and Environment) (Disaster Management)	DME2P	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOE	M.Tech (Health, Safety and Environment Engineering)	HSE2P	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	MA Economics (Energy Economics)	EEB2P	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	MBA (International Business)	IBB2P	III / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	III / 2020	2-Jan-21	17-Jan-21	15	30-Dec-20
SOB	MBA (Oil and Gas Management)	OGB2P	III / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOB	MBA (Energy Trading)	ETB2P	III / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOB	MBA (Aviation Management)	AVB2P	III / 2020	2-Jan-21	17-Jan-21	15	1-Jan-21
SOB	MBA (Business Analytics)	BAB2P	III / 2020	2-Jan-21	17-Jan-21	15	1-Jan-21
SOB	MBA (Human Resource / Marketing Management / Finance Management / Operations Management)	GNB2P	III / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOB	MBA (Power Management)	PWB2P	III / 2020	2-Jan-21	17-Jan-21	15	30-Dec-20
SOB	BA (Public Policy and Administration)	PPB3U	III / 2020	2-Jan-21	17-Jan-21	15	20-Dec-20
SOB	BBA (Auto Marketing)	AMB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (Aviation Operations)	AOB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (Digital Marketing)	DMB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (Financial Analysis and Services)	FSB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (Foreign Trade)	FTB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (Logistics Management)	LMB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (Oil and Gas Marketing)	OGB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (Tourism and Hospitality Management)	THB3U	III / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOB	BA (Hons.) Economics (Energy Economics)	BEB3U	III / 202	2-Jan-21	17-Jan-21	15	26-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	BA (Hons.) Economics	BEB3U	III / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOB	BBA (Analytics and Big Data)	ABB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (Family Business and Entrepreneurship)	EFB3U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOB	BBA (with Specialiazation in Human Resource/Marketing/ O&P Management)	GNB3U	III / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (with Specialiazation in Human Resource/Marketing/O&P Management)	GNB3U	III / 2020	2-Jan-21	17-Jan-21	15	20-Dec-20
SOB	B.Com (Hons.)	BCB3U	III / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOB	B.Com (Tax)	-	III / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOB	B.Com (Hons.) with specialization in Banking, Management and Insurance / Taxation	BIB3U	III / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOB	BBA (Auto Marketing)	AMB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (Aviation Operations)	AOB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (Financial Analysis and Services)	FSB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (Foreign Trade)	FTB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (Logistics Management)	LMB3U	V / 2020	2-Jan-21	17-Jan-21	15	24-Dec-20
SOB	BBA (Oil and Gas Marketing)	OGB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (E-Business)	EBB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (Digital Marketing)	DMB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BA (Public Policy and Administration)	PPB3U	V / 2020	2-Jan-21	17-Jan-21	15	20-Dec-20
SOB	BA (Hons.) Economics (Energy Economics)	BEB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (with Specialization in Human Resource/Marketing/ O&P Management)	GNB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	BBA (AIS)	AIB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	B.Com (Hons.)	BCB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	B.Com(Tax)	-	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOB	B.Com (Hons.) with specialization in Banking, Management and Insurance / Taxation	BIB3U	V / 2020	2-Jan-21	17-Jan-21	15	22-Dec-20
SOHS	B. Pharmacy 2019	BPH4U	III / 2020	2-Jan-21	17-Jan-21	15	16-Dec-20
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	III / 2020	2-Jan-21	17-Jan-21	15	18-Dec-20
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	III / 2020	2-Jan-21	17-Jan-21	15	16-Dec-20
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	III / 2020	2-Jan-21	17-Jan-21	15	16-Dec-20
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	III / 2020	2-Jan-21	17-Jan-21	15	14-Dec-20
SOL	B. Sc. LL.B. (Hons.) (Intellectual Property Rights/Food, Health and Environment Law/ Medical and Forensic Law)	BSL5U	III / 2020	2-Jan-21	17-Jan-21	15	16-Dec-20
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	V / 2020	2-Jan-21	17-Jan-21	15	15-Dec-20
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	V / 2020	2-Jan-21	17-Jan-21	15	17-Dec-20
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	V / 2020	2-Jan-21	17-Jan-21	15	17-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOL	B. Sc. LL.B. (Hons.) (Intellectual Property Rights/Food, Health and Environment Law/ Medical and Forensic Law)	BSL5U	V / 2020	2-Jan-21	17-Jan-21	15	17-Dec-20
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	VII / 2020	2-Jan-21	17-Jan-21	15	11-Dec-20
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	VII / 2020	2-Jan-21	17-Jan-21	15	14-Dec-20
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	VII / 2020	2-Jan-21	17-Jan-21	15	14-Dec-20
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	VII / 2020	2-Jan-21	17-Jan-21	15	14-Dec-20
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	IX / 2020	2-Jan-21	17-Jan-21	15	15-Dec-20
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	IX / 2020	2-Jan-21	17-Jan-21	15	15-Dec-20
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	IX / 2020	2-Jan-21	17-Jan-21	15	12-Dec-20
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	IX / 2020	2-Jan-21	17-Jan-21	15	15-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOL	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	IX / 2020	2-Jan-21	17-Jan-21	15	17-Dec-20
SOL	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	IX / 2020	2-Jan-21	17-Jan-21	15	19-Dec-20
SOL	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	XI / 2020	2-Jan-21	17-Jan-21	15	11-Dec-20
SOL	B.Tech (Energy Technology), LL.B.(Hons.) (Specialization: Intellectual Property Rights)	ETL6U	XI / 2020	2-Jan-21	17-Jan-21	15	09-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Blockchain Technology)	BTE4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	III / 2020	2-Jan-21	17-Jan-21	15	29-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	III / 2020	2-Jan-21	17-Jan-21	15	26-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	III / 2020	2-Jan-21	17-Jan-21	15	29-Dec-20
SOCS	BCA (Banking, Financial Services and Insurance)	BSE3U	III / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOCS	BCA (Internet of Things)	ITE3U	III / 2020	2-Jan-21	17-Jan-21	15	21-Dec-20
SOCS	B.Tech Computer Science & Engineering LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	III / 2020	2-Jan-21	17-Jan-21	15	29-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	BIC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	V / 2020	2-Jan-21	17-Jan-21	15	30-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (E-Commerce)	ERC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	V / 2020	2-Jan-21	17-Jan-21	15	30-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mobile Application Development)	MDC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)	MTC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	V / 2020	2-Jan-21	17-Jan-21	15	30-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	V / 2020	2-Jan-21	17-Jan-21	15	30-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	Bachelor of Computer Applications	CAC3U	V / 2020	2-Jan-21	17-Jan-21	15	28-Dec-20
SOCS	B.Tech Computer Science & Engineering LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	V / 2020	2-Jan-21	17-Jan-21	15	30-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	V / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	BIC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (E-Commerce)	ERC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mobile Computing)	MCC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)	MTC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	VII / 2020	2-Jan-21	17-Jan-21	15	23-Dec-20

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	VII / 2020	2-Jan-21	17-Jan-21	15	23- Dec-20
SOD	B.Des Industrial & Product Design	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des Transportation & Mobility Design	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Communication and Media Design) in Animation and VFX	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Communication and Media Design) in Graphics	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Communication and Media Design) in Interaction Design	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Interior and Retail Space Design)	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Game Design)	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Fashion Design)	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	M.Des (Transportation Design)	TDD2P	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	M.Des (Industrial Design)	IDD2P	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	M.Des (Interaction Design)	-	III / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	M.Des (Fashion Design)	-	V / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Industrial and Product Design)	-	V / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Transportation and Mobility Design)	-	V / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Communication and Media Design) in Animation and VFX	-	V / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Communication and Media Design) in Graphics	-	V / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Communication and Media Design) in Interaction Design	-	V / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21

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SOD	B.Des (Interior and Retail Space Design)	-	V / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Industrial Design)	-	VII / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Transportation Design)	-	VII / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOD	B.Des (Digital Design)	-	VII / 2020	2-Jan-21	17-Jan-21	15	2-Jan-21
SOCS	M.Tech. Computer Science & Engineering	CSC2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOCS	B.Tech (Hons.) Computer Science and Engineering	-	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOCS	B.Tech Computer Science & Engineering LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOCS	BCA (Banking, Financial Services and Insurance)	BSE3U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOCS	BCA (Internet of Things)	ITE3U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOB	MA (Economics)	-	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	MBA (International Business)	IBB2P	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOB	MBA (Oil and Gas Management)	OGB2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOB	MBA (Power Management)	PWB2P	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOB	MBA (Aviation Management)	AVB2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOB	MBA (Business Analytics)	BAB2P	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOB	MBA (Human Resource / Marketing Management / Finance Management / Operations Management)	GNB2P	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOB	MBA (Digital Business)	-	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOB	BBA (Aviation Operations)	AOB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	BBA (Digital Marketing)	DMB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	BBA (Financial Analysis and Services)	FSB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21

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SOB	BBA (Analytics and Big Data)	ABB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	BBA (Foreign Trade)	FTB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	BBA (Logistics Management)	LMB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	BBA (Human Resource / Marketing Management / Operations Management)	GNB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	BBA (Oil and Gas Marketing)	OGB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	BBA (Family Business and Entrepreneurship)	EFB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	BA (Public Policy and Administration)	PPB3U	I / 2020	8-Feb-21	23-Feb-21	15	22-Jan-21
SOB	BA (Hons.) Economics	BEB3U	I / 2020	8-Feb-21	23-Feb-21	15	22-Jan-21
SOB	B.Com (Hons.)	BCB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	B.Com (Hons.) with specialization in Taxation	-	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOB	B.Com (Hons.) with specialization in Banking, Management and Insurance / Taxation	BIB3U	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOHS	B. Pharmacy 2019	BPH4U	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOHS	B.Sc. (Clinical Research)	-	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOHS	B.Sc. (Microbiology)	-	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOHS	B.Tech (Food Technology)	-	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOHS	M.Sc. (Clinical Research)	-	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOHS	M.Sc. (Microbiology)	-	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOHS	M.Sc. (Nutrition and Dietetics)	-	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOE	B.Sc. (Hons.) Chemistry	CHE3U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Sc. (Hons.) Mathematics	MTE3U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Sc. (Hons.) Physics	PHE3U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Sc. (Hons.) Geology	-	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21

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School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech (Automotive Design Engineering)	ADE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech (Aerospace Engineering)	ASE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech (Electrical Engineering)	ELE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech (Mechanical Engineering)	MHE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Tech (Mechatronics Engineering)	MEE4U	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	M.Sc (Chemistry)	CHE2P	I / 2020	8-Feb-21	23-Feb-21	15	1-Feb-21
SOE	B.Sc. (Hons.) Geology	-	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOE	M.Sc. (Petroleum Geosciences)	-	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOE	M.Tech (Automation & Robotics Engineering)	RBE2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOE	M. Tech (Chemical Engineering with specialization in Process Design Engineering)	PDE2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOE	M. Tech Computational Fluid Dynamics	CDE2P	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOE	M.Tech (Energy Systems)	ESE2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOE	M.Tech (Health, Safety and Environment Engineering)	HSE2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21

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SOE	M. Tech (Health, Safety & Environmental Engineering with specialization in Disaster Management)	DME2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOE	M.Tech (Petroleum Engineering)	PXE2P	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOE	M.Tech (Renewable Energy Engineering)	REE2P	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOE	M. Tech Rotating Equipment	RTE2P	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOE	M.Tech Structural Engineering	STE2P	I / 2020	8-Feb-21	23-Feb-21	15	5-Feb-21
SOMM	BBA Events, Public Relations and Corporate Communications	-	I / 2020	8-Feb-21	23-Feb-21	15	29-Jan-21
SOMM	BA (Journalism and Mass Communication)	-	I / 2020	8-Feb-21	23-Feb-21	15	20-Jan-21
SOMM	BA (Digital & Mass Media)	-	I / 2020	8-Feb-21	23-Feb-21	15	20-Jan-21
SOL	B.A.,LL.B (Hons.) spz in Criminal/Labour	-	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	I / 2020	8-Feb-21	23-Feb-21	15	3-Feb-21
SOL	LLM with specialization in Energy Law / Business Law / International Economic Law / Law & Technology	LML1P	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	B.Des (Product Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	B.Des (Transportation and Mobility Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	B.Des (Animation & VFX)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	B.Des (Graphics & Communication Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21

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SOD	B.Des (User Experience & Interaction Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	B.Des (Interior and Retail Space Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	B.Des (Game Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	B.Des (Fashion Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	M.Des (Transportation & Mobility Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	M.Des (Product Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	M.Des (User Experience & Interaction Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOD	M.Des (Fashion Design)	-	I / 2020	8-Feb-21	23-Feb-21	15	8-Feb-21
SOE	B.Sc. (Hons.) Physics	PHE3U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Sc. (Hons.) Chemistry	CHE3U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Sc. (Hons.) Mathematics	MTE3U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Sc. (Hons.) Physics	PHE3U	VI / 2020	31-May-21	15-Jun-21	15	18-May-21
SOE	B.Sc. (Hons.) Chemistry	CHE3U	VI / 2020	31-May-21	15-Jun-21	15	18-May-21
SOE	B.Sc. (Hons.) Mathematics	MTE3U	VI / 2020	31-May-21	15-Jun-21	15	18-May-21
SOE	B.Tech (Automotive Design Engineering)	ADE4U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Tech (Aerospace Engineering)	ASE4U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	IV / 2020	31-May-21	15-Jun-21	15	19-May-21
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	IV / 2020	31-May-21	15-Jun-21	15	19-May-21
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	IV / 2020	31-May-21	15-Jun-21	15	19-May-21
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	IV / 2020	31-May-21	15-Jun-21	15	25-May-21
SOE	B.Tech (Electrical Engineering)	ELE4U	IV / 2020	31-May-21	15-Jun-21	15	25-May-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	IV / 2020	31-May-21	15-Jun-21	15	27-May-21
SOE	B.Tech (Geoinformatics)	GIE4U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Tech (Mechanical Engineering)	MHE4U	IV / 2020	31-May-21	15-Jun-21	15	19-May-21
SOE	B.Tech (Mechatronics Engineering)	MEE4U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Tech (Aerospace Engineering)	ASE4U	VI / 2020	31-May-21	15-Jun-21	15	20-May-21
SOE	B.Tech (Aerospace Engineering)	ASE4U	VI / 2020	31-May-21	15-Jun-21	15	20-May-21
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	VI / 2020	31-May-21	15-Jun-21	15	20-May-21
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	VI / 2020	31-May-21	15-Jun-21	15	26-May-21
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	VI / 2020	31-May-21	15-Jun-21	15	26-May-21
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	VI / 2020	31-May-21	15-Jun-21	15	26-May-21
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	VI / 2020	31-May-21	15-Jun-21	15	28-May-21
SOE	B.Tech (Electrical Engineering)	ELE4U	VI / 2020	31-May-21	15-Jun-21	15	24-May-21
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	VI / 2020	31-May-21	15-Jun-21	15	20-May-21
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	VI / 2020	31-May-21	15-Jun-21	15	26-May-21
SOE	B.Tech (Geoinformatics)	GIE4U	VI / 2020	31-May-21	15-Jun-21	15	24-May-21
SOE	B. Tech Geo-Science Engineering	GSE4U	VI / 2020	31-May-21	15-Jun-21	15	26-May-21
SOE	B.Tech (Mechanical Engineering)	MHE4U	VI / 2020	31-May-21	15-Jun-21	15	20-May-21
SOE	B.Tech (Mechatronics Engineering)	MEE4U	VI / 2020	31-May-21	15-Jun-21	15	20-May-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	Bachelor of Planning	BPP4U	VIII /2020	31-May-21	15-Jun-21	15	19-May-21
SOE	B.Tech (Aerospace Engineering)	ASE4U	VIII /2020	31-May-21	15-Jun-21	15	19-May-21
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	VIII /2020	31-May-21	15-Jun-21	15	19-May-21
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	VIII /2020	31-May-21	15-Jun-21	15	21-May-21
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	VIII /2020	31-May-21	15-Jun-21	15	27-May-21
SOE	B.Tech (Electrical Engineering)	ELE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B.Tech (Geoinformatics)	GIE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B. Tech Geo-Science Engineering	GSE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B.Tech (Mining Engineering)	MNE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B.Tech (Mechanical Engineering)	MHE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21
SOE	B.Tech (Mechatronics Engineering)	MEE4U	VIII /2020	31-May-21	15-Jun-21	15	17-May-21 17-May-21
SOE	B.Tech (Power System Engineering)	PWE4U	VIII /2020	31-May-21	15-Jun-21	15	19-May-21
SOE	M.Sc (Chemistry)	CHE2P	IV /2020	31-May-21	15-Jun-21	15	17-May-21
SOB	MA Economics (Energy Economics)	EEB2P	IV / 2020	31-May-21	15-Jun-21	15	15-May-21
SOB	MBA (International Business)	IBB2P	IV / 2020	31-May-21	15-Jun-21	15	15-May-21

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SOB	MBA (Logistics and Supply Chain Management)	LSB2P	IV / 2020	31-May-21	15-Jun-21	15	15-May-21
SOB	MBA (Oil and Gas Management)	OGB2P	IV / 2020	31-May-21	15-Jun-21	15	10-May-21
SOB	MBA (Energy Trading)	ETB2P	IV / 2020	31-May-21	15-Jun-21	15	15-May-21
SOB	MBA (Aviation Management)	AVB2P	IV / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	MBA (Business Analytics)	BAB2P	IV / 2020	31-May-21	15-Jun-21	15	15-May-21
SOB	MBA (Human Resource / Marketing Management / Finance Management / Operations Management)	GNB2P	IV / 2020	31-May-21	15-Jun-21	15	15-May-21
SOB	MBA (Power Management)	PWB2P	IV / 2020	31-May-21	15-Jun-21	15	15-May-21
SOB	BA (Public Policy and Administration)	PPB3U	IV / 2020	31-May-21	15-Jun-21	15	19-May-21
SOB	BBA (Auto Marketing)	AMB3U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOB	BBA (Aviation Operations)	AOB3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOB	BBA (Digital Marketing)	DMB3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOB	BBA (Financial Analysis and Services)	FSB3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOB	BBA (Foreign Trade)	FTB3U	IV / 2020	31-May-21	15-Jun-21	15	26-May-21
SOB	BBA (Logistics Management)	LMB3U	IV / 2020	31-May-21	15-Jun-21	15	26-May-21
SOB	BBA (Oil and Gas Marketing)	OGB3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOB	BBA (Tourism and Hospitality Management)	THB3U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOB	BA (Hons.) Economics (Energy Economics)	BEB3U	IV / 2020	31-May-21	15-Jun-21	15	26-May-21
SOB	BA (Hons.) Economics	BEB3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOB	BBA (Analytics and Big Data)	ABB3U	IV / 2020	31-May-21	15-Jun-21	15	26-May-21
SOB	BBA (Family Business and Entrepreneurship)	EFB3U	IV / 2020	31-May-21	15-Jun-21	15	26-May-21
SOB	BBA (with Specialiazation in HumanResource/Marketing/ O&P Management)	GNB3U	IV / 2020	31-May-21	15-Jun-21	15	26-May-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	BBA (with Specialization in Human Resource/Marketing/ O&P Management)	GNB3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOB	B.Com (Hons.)	BCB3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOB	B.Com(Tax)	-	IV / 2020	31-May-21	15-Jun-21	15	26-May-21
SOB	B.Com (Hons.) with specialization in Banking, Management and Insurance / Taxation	BIB3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOB	BBA (Auto Marketing)	AMB3U	VI / 2020	31-May-21	15-Jun-21	15	12-May-21
SOB	BBA (Aviation Operations)	AOB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	BBA (Financial Analysis and Services)	FSB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	BBA (Foreign Trade)	FTB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	BBA (Logistics Management)	LMB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	BBA (Oil and Gas Marketing)	OGB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	BBA (E-Business)	EBB3U	VI / 2020	31-May-21	15-Jun-21	15	12-May-21
SOB	BBA (Digital Marketing)	DMB3U	VI / 2020	31-May-21	15-Jun-21	15	12-May-21
SOB	BA (Public Policy and Administration)	PPB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	BA (Hons.) Economics (Energy Economics)	BEB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	BBA (with Specialization in Human Resource/Marketing/ O&P Management)	GNB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	BBA (with Specialization in Human Resource/Marketing/ O&P Management)	GNB3U	VI / 2020	31-May-21	15-Jun-21	15	10-May-21
SOB	BBA(AIS)	AIB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	B.Com (Hons.)	BCB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	B.Com(Tax)	-	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOB	B.Com (Hons.) with specialization in Banking, Management and Insurance / Taxation	BIB3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOHS	B. Pharmacy 2019	BPH4U	IV / 2020	31-May-21	15-Jun-21	15	21-May-21
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	IV / 2020	31-May-21	15-Jun-21	15	25-May-21
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	IV / 2020	31-May-21	15-Jun-21	15	28-May-21
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	IV / 2020	31-May-21	15-Jun-21	15	28-May-21
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	IV / 2020	31-May-21	15-Jun-21	15	28-May-21
SOL	B. Sc. LL.B. (Hons.) (Intellectual Property Rights/Food, Health and Environment Law/ Medical and Forensic Law)	BSL5U	IV / 2020	31-May-21	15-Jun-21	15	28-May-21
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	VI / 2020	31-May-21	15-Jun-21	15	27-May-21
SOL	BBA LLB (CL/IITL/BFIL)	CLL5U	VI / 2020	31-May-21	15-Jun-21	15	27-May-21
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	VI / 2020	31-May-21	15-Jun-21	15	27-May-21
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	VI / 2020	31-May-21	15-Jun-21	15	27-May-21
SOL	B. Sc. LL.B. (Hons.) (Intellectual Property Rights/Food, Health and Environment Law/ Medical and Forensic Law)	BSL5U	VI / 2020	31-May-21	15-Jun-21	15	27-May-21
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	VIII / 2020	31-May-21	15-Jun-21	15	24-May-21

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SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	VIII / 2020	31-May-21	15-Jun-21	15	26-May-21
SOL	BBA LLB (CL/IITL/BFIL)	CLL5U	VIII / 2020	31-May-21	15-Jun-21	15	26-May-21
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	VIII / 2020	31-May-21	15-Jun-21	15	26-May-21
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	VIII / 2020	31-May-21	15-Jun-21	15	24-May-21
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	X / 2020	31-May-21	15-Jun-21	15	13-May-21
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	X / 2020	31-May-21	15-Jun-21	15	13-May-21
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	X / 2020	31-May-21	15-Jun-21	15	13-May-21
SOL	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	X / 2020	31-May-21	15-Jun-21	15	29-May-21
SOL	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	X / 2020	31-May-21	15-Jun-21	15	27-May-21
SOL	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	XII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOL	B.Tech (Energy Technology), LL.B.(Hons.) (Specialization: Intellectual Property Rights)	ETL6U	XII / 2020	31-May-21	15-Jun-21	15	18-May-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	.Tech (Hons.) Computer Science and Engineering (Blockchain Technology)	BTE4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	IV/ 2020	31-May-21	15-Jun-21	15	26-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	IV/ 2020	31-May-21	15-Jun-21	15	26-May-21
SOCS	BCA (Banking, Financial Services and Insurance)	BSE3U	IV/ 2020	31-May-21	15-Jun-21	15	24-May-21

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SOCS	BCA (Internet of Things)	ITE3U	IV / 2020	31-May-21	15-Jun-21	15	24-May-21
SOCS	B.Tech Computer Science & Engineering LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	IV / 2020	31-May-21	15-Jun-21	15	28-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	BIC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	VI / 2020	31-May-21	15-Jun-21	15	27-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (E-Commerce)	ERC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mobile Application Development)	MDC4	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)	MTC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21

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SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	VI / 2020	31-May-21	15-Jun-21	15	25-May-21
SOCS	Bachelor of Computer Applications	CAC3U	VI / 2020	31-May-21	15-Jun-21	15	17-May-21
SOCS	B.Tech Computer Science & Engineering LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	VI / 2020	31-May-21	15-Jun-21	15	31-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	BIC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (E-Commerce)	ERC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mobile Computing)	MCC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)	MTC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	VIII / 2020	31-May-21	15-Jun-21	15	18-May-21
SOCS	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	VIII / 2020	31-May-21	15-Jun-21	15	28-May-21
SOD	B.Des Industrial & Product Design	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des Transportation & Mobility Design	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Communication and Media Design) in Animation and VFX	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Communication and Media Design) in Graphics	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Communication and Media Design) in Interaction Design	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOD	B.Des (Interior and Retail Space Design)	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Game Design)	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Fashion Design)	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	M.Des (Transportation Design)	TDD2P	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	M.Des (Industrial Design)	IDD2P	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	M.Des (Interaction Design)	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	M.Des (Fashion Design)	-	IV / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des Industrial & Product Design	-	VI / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des Transportation & Mobility Design	-	VI / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Communication and Media Design) in Animation and VFX	-	VI / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Communication and Media Design) in Graphics	-	VI / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Communication and Media Design) in Interaction Design	-	VI / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Interior and Retail Space Design)	-	VI / 2020	31-May-21	15-Jun-21	15	31-May-21
SOD	B.Des (Industrial Design)	-	VIII / 2020	31-May-21	30-Jun-21	15	31-May-21
SOD	B.Des (Transportation Design)	-	VIII / 2020	31-May-21	30-Jun-21	15	31-May-21
SOD	B.Des (Digital Design)	-	VIII / 2020	31-May-21	30-Jun-21	15	31-May-21
SOCS	M.Tech. Computer Science & Engineering	CSC2P	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOCS	B.Tech (Hons.) Computer Science and Engineering	-	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOCS	B.Tech Computer Science & Engineering LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOCS	BCA (Banking, Financial Services and Insurance)	BSE3U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	BCA (Internet of Things)	ITE3U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	MA Economics	-	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	MBA (International Business)	IBB2P	II / 2020	15-Jun-21	30-Jun-21	15	8-June-21
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	MBA (Oil and Gas Management)	OGB2P	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	MBA (Power Management)	PWB2P	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	MBA (Aviation Management)	AVB2P	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	MBA (Business Analytics)	BAB2P	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	MBA (Human Resource / Marketing Management / Finance Management / Operations Management)	GNB2P	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	MBA (Digital Business)	-	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	BBA (Aviation Operations)	AOB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOB	BBA (Digital Marketing)	DMB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOB	BBA (Financial Analysis and Services)	FSB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOB	BBA (Analytics and Big Data)	ABB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOB	BBA (Foreign Trade)	FTB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOB	BBA (Logistics Management)	LMB3U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	BBA (Human Resource / Marketing Management / Operations Management)	GNB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOB	BBA (Oil and Gas Marketing)	OGB3U	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOB	BBA (Family Business and Entrepreneurship)	EFB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOB	BA (Public Policy and Administration)	PPB3U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOB	BA (Hons.) Economics	BEB3U	II / 2020	15-Jun-21	30-Jun-21	15	7-June-21
SOB	B.Com (Hons.)	BCB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	B.Com (Hons.) with specialization in Taxation	-	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOB	B.Com (Hons.) with specialization in Banking, Management and Insurance / Taxation	BIB3U	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOHS	B. Pharmacy 2019	BPH4U	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOHS	B.Sc. (Clinical Research)		II / 2020	15-Jun-21	30-Jun-21	15	15-June-21
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	II / 2020	15-Jun-21	30-Jun-21	15	15-June-21
SOHS	B.Sc. (Microbiology)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-June-21
SOHS	B.Tech (Food Technology)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-June-21
SOHS	M.Sc. (Clinical Research)	-	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOHS	M.Sc. (Microbiology)	-	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOHS	M.Sc. (Nutrition and Dietetics)	-	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOE	B.Sc. (Hons.) Chemistry	CHE3U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Sc. (Hons.) Mathematics	MTE3U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Sc. (Hons.) Physics	PHE3U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Sc. (Hons.) Geology		II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech (Automotive Design Engineering)	ADE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech (Aerospace Engineering)	ASE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech (Electrical Engineering)	ELE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech (Mechanical Engineering)	MHE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	B.Tech (Mechatronics Engineering)	MEE4U	II / 2020	15-Jun-21	30-Jun-21	15	9-June-21
SOE	M.Sc (Chemistry)	CHE2P	II / 2020	15-Jun-21	30-Jun-21	15	15-June-21
SOE	M.Sc. (Petroleum Geosciences)	-	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOE	M.Tech Automation & Robotics Engineering	RBE2P	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOE	M. Tech Chemical Engineering with specialization in Process Design Engineering	PDE2P	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOE	M. Tech Computational Fluid Dynamics	CDE2P	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOE	M.Tech (Energy Systems)	ESE2P	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOE	M.Tech (Health, Safety and Environment Engineering)	HSE2P	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOE	M. Tech Health, Safety & Environmental Engineering with specialization in Disaster Management	DME2P	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOE	M.Tech (Petroleum Engineering)	PXE2P	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOE	M.Tech (Renewable Energy Engineering)	REE2P	II / 2020	15-Jun-21	30-Jun-21	15	11-June-21
SOE	M.Tech Structural Engineering	STE2P	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOMM	BBA Events, Public Relations and Corporate Communications	-	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOMM	BA (Journalism and Mass Communication)	-	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21
SOMM	BA (Digital & Mass Media)	-	II / 2020	15-Jun-21	30-Jun-21	15	14-June-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOL	B.A.,LL.B (Hons.) spz in Criminal/Labour	-	II / 2020	15-Jun-21	30-Jun-21	15	11-Jun-21
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	II / 2020	15-Jun-21	30-Jun-21	15	11-Jun-21
SOL	B. Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices)	TXL5U	II / 2020	15-Jun-21	30-Jun-21	15	11-Jun-21
SOL	LLM with specialization in Energy Law / Business Law / International Economic Law / Law & Technology	LML1P	II / 2020	15-Jun-21	30-Jun-21	15	9-Jun-21
SOL	LLM with specialization in Energy Law / Business Law / International Economic Law / Law & Technology	LML1P	II / 2020	15-Jun-21	30-Jun-21	15	9-Jun-21
SOL	LLM Energy Law / International Affairs / Law & Technology / International Law	LML1P	II / 2020	15-Jun-21	30-Jun-21	15	9-Jun-21
SOD	B.Des (Product Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	B.Des Transportation & Mobility Design	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	B.Des (Animation & VFX)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	B.Des (Graphics & Communication Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	B.Des (User Experience & Interaction Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	B.Des (Interior and Retail Space Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	B.Des (Game Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	B.Des (Fashion Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	M.Des (Transportation & Mobility Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	M.Des (Product Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOD	M.Des (User Experience & Interaction Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOD	M.Des (Fashion Design)	-	II / 2020	15-Jun-21	30-Jun-21	15	15-Jun-21
SOCS	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	II / 2020	30-Jul-21	17-Aug-21	18	30-Jul-21
SOB	B.Com (Hons.)	BCB3U	II / 2020	30-Jul-21	17-Aug-21	18	24-Jul-21
SOHS	B.Sc. (Microbiology)	-	II / 2020	30-Jul-21	17-Aug-21	18	28-Jul-21
SOCS	B.Tech Computer Science and Engineering	-	II / 2020	30-Jul-21	17-Aug-21	18	30-Jul-21
SOB	BBA (Foreign Trade)	FTB3U	II / 2020	30-Jul-21	17-Aug-21	18	26-Jul-21
SOHS	M.Sc. (Clinical Research)	-	II / 2020	30-Jul-21	17-Aug-21	18	15-Jul-21
SOHS	M.Sc. (Microbiology)	-	II / 2020	30-Jul-21	17-Aug-21	18	26-Jul-21
SOB	MBA (Human Resource / Marketing Management / Finance Management / Operations Management)	GNB2P	II / 2020	30-Jul-21	17-Aug-21	18	19-Jul-21
SOB	B.Com (Hons.)	BCB3U	IV / 2020	30-Jul-21	17-Aug-21	18	26-Jul-21
SOHS	B.Pharmacy	-	IV / 2020	30-Jul-21	17-Aug-21	18	27-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	IV / 2020	30-Jul-21	17-Aug-21	18	29-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	IV / 2020	30-Jul-21	17-Aug-21	18	29-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	IV / 2020	30-Jul-21	17-Aug-21	18	29-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	IV / 2020	30-Jul-21	17-Aug-21	18	29-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	IV / 2020	30-Jul-21	17-Aug-21	18	23-Jul-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year-end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	BA (Public Policy and Administration)	PPB3U	IV / 2020	30-Jul-21	17-Aug-21	18	17-Jul-21
SOB	BBA (Auto Marketing)	AMB3U	IV / 2020	30-Jul-21	17-Aug-21	18	15-Jul-21
SOB	BBA (Aviation Operations)	AOB3U	IV / 2020	30-Jul-21	17-Aug-21	18	26-Jul-21
SOB	BBA (Digital Marketing)	DMB3U	IV / 2020	30-Jul-21	17-Aug-21	18	26-Jul-21
SOB	BBA (Foreign Trade)	FTB3U	IV / 2020	30-Jul-21	17-Aug-21	18	28-Jul-21
SOB	BBA (Human Resource / Marketing Management / Operations Management)	GNB3U	IV / 2020	30-Jul-21	17-Aug-21	18	28-Jul-21
SOCS	BCA (Internet of Things)	ITE3U	IV / 2020	30-Jul-21	17-Aug-21	18	29-Jul-21
SOB	MA Economics (Energy Economics)	EEB2P	IV / 2020	30-Jul-21	17-Aug-21	18	15-Jul-21
SOB	MBA (Aviation Management)	AVB2P	IV / 2020	30-Jul-21	17-Aug-21	18	19-Jul-21
SOB	MBA (International Business)	IBB2P	IV/ 2020	30-Jul-21	17-Aug-21	18	19-Jul-21
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	IV / 2020	30-Jul-21	17-Aug-21	18	19-Jul-21
SOCS	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law / Intellectual Property Rights)	CYL6U	VI / 2020	30-Jul-21	17-Aug-21	18	17-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	BIC4U	VI / 2020	30-Jul-21	17-Aug-21	18	28-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	VI / 2020	30-Jul-21	17-Aug-21	18	28-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	VI / 2020	30-Jul-21	17-Aug-21	18	30-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	VI / 2020	30-Jul-21	17-Aug-21	18	28-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	VI / 2020	30-Jul-21	17-Aug-21	18	28-Jul-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mobile Application Development)	MDC4U	VI / 2020	30-Jul-21	17-Aug-21	18	28-Jul-21
SOB	BBA (Aviation Operations)	AOB3U	VI / 2020	30-Jul-21	17-Aug-21	18	22-Jul-21
SOB	BBA (Digital Marketing)	DMB3U	VI / 2020	30-Jul-21	17-Aug-21	18	19-Jul-21
SOB	BBA (Human Resource / Marketing Management / Operations Management)	GNB3U	VI / 2020	30-Jul-21	17-Aug-21	18	16-Jul-21
SOB	BBA (Oil and Gas Marketing)	OGB3U	VI / 2020	30-Jul-21	17-Aug-21	18	24-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	VIII / 2020	30-Jul-21	17-Aug-21	18	27-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	VIII / 2020	30-Jul-21	17-Aug-21	18	27-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	VIII / 2020	30-Jul-21	17-Aug-21	18	19-Jul-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	VIII / 2020	30-Jul-21	17-Aug-21	18	27-Jul-21

RE-EVALUATION AND GRIEVANCE

Grievance Cases including re-evaluation summary for Slot -1 End Semester Examination (Even Semester) May/June 2021

School	Total No. of Applications Received	Total No. of Students appeared in Examination	No. of applicaton in which marks changed	No. of applicaton in which grade changed
SOE	4	2626	0	0
SOB	7	2051	2	2
SOL	3	2281	1	1
SOCS	1	3639	0	0
SOD	1	537	0	0
SOHS	0	169	0	0
SOMM	1	52	1	1

Unfair Means Cases Summary of Slot – 2 End Semester Examination July 2021

S. No.	School	Total No. of UFM Cases	Paper Canceled	Warning Issued	Referred to School Discipline Committee
1.	SOL	1	0	1	0

PASS PERCENTAGE

3072 students passed out of 3295 final students who appeared for the final examination. The pass percentage of final year students for AY 2020-21 is 93.23%.

The program wise pass percentage of final year students who appeared for final examination is as under:

Program of Study	Strength	Qualified	Pass%
B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	12	12	100
B.Tech (Hons.) Computer Science and Engineering (Big Data)	57	56	98.25
B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	118	116	98.31
B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	147	147	100
B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	149	144	96.64
B.Tech (Hons.) Computer Science and Engineering (DevOps)	43	43	100
B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	31	26	83.87
B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	68	67	98.53
B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	40	37	92.5
B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)	21	20	95.24
B.Tech (Hons.) Computer Science and Engineering (Mobile Computing)	13	12	92.31
B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	53	52	98.11
B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	90	89	98.89
B.Tech Computer Science & Engineering with specialization in E-Commerce, Retail & Automation	9	9	100
Bachelor of Computer Application (BCA)	72	67	93.06
M.Tech (Computer Science and Engineering)	3	3	100
SCHOOL OF COMPUTER SCIENCE (TOTAL)	**926**	**900**	**97.19**

Program of Study	Strength	Qualified	Pass%
MBA (International Business)	21	19	90.48
MBA (Power Management)	20	20	100
MBA (Operations Management)	2	2	100
MBA (Human Resource Management)	11	9	81.82
MBA (Marketing Management)	20	18	90
MBA(Finance Management)	20	20	100
MBA (Oil and Gas Management)	68	68	100
MBA (Logistics and Supply Chain Management)	58	54	93.1
MBA (Energy Trading)	12	11	91.67
MBA (Business Analytics)	16	16	100
MBA (Aviation Management)	15	14	93.33
MA Economics (Energy Economics)	3	2	66.67
BBA (Oil and Gas Marketing)	42	37	88.1
BBA Core with specialization in Marketing Management	27	20	74.07
BBA Core with specialization in Human Resource Management	28	28	100
BBA (Logistics Management)	34	33	97.06
BBA (Foreign Trade)	50	48	96
BBA (Financial Analysis and Services)	34	30	88.24
BBA (Digital Marketing)	53	46	86.79
B.Com (Hons.) with specialization in Banking, Management and Insurance / Taxation	16	16	100
B.Com (Hons.)	16	15	93.75
BBA (Aviation Operations)	82	72	87.8
BBA (Accounting and Information Systems)	8	7	87.5
BA (Public Policy and Administration)	20	19	95
BA (Hons.) Economics (Energy Economics)	21	19	90.48
BBA (Auto Marketing)	9	9	100
BBA (E-Business)	18	16	88.8
SCHOOL OF BUSINESS (TOTAL)	**724**	**668**	**92.27**

Program of Study	Strength	Qualified	Pass%
M.Tech (Health, Safety and Environment Engineering)	67	67	100
M.Tech (Renewable Energy Engineering)	10	8	80
M.Tech (Health, Safety and Environment) (Disaster Management)	16	16	100
B.Tech (Mechanical Engineering)	76	69	90.79
M.Tech (Rotating Equipment)	2	2	100
B.Tech (Electrical Engineering)	21	19	90.48
B.Tech (Mining Engineering)	9	8	88.89
M.Tech Structural Engineering (Offshore)	3	3	100
Bachelor of Planning	12	12	100
M.Tech (Pipeline Engineering)	3	3	100
B.Tech (Automotive Design Engineering)	58	56	96.55
M.Tech (Automation and Robotics Engineering)	4	3	75
B.Tech (Electronics and Communication Engineering)	38	38	100
B.Sc. (Hons.) Physics	10	9	90
B.Sc. (Hons.) Chemistry	6	4	66.67
B.Sc. (Hons.) Mathematics	3	3	100
M.Sc (Chemistry)	5	5	100
B.Tech (Fire and Safety Engineering)	50	47	94
B.Tech (Aerospace Engineering)	54	51	94.44
B.Tech (Geo Science Engineering)	15	14	93.33
B.Tech (Geoinformatics)	32	32	100
B.Tech (Power System Engineering)	6	6	100
M.Tech (Energy Systems)	5	5	100
M.Tech Chemcial Engineering (Process Design Engineering)	7	7	100
B.Tech Civil Engineering (Infrastructure Development)	36	34	94.44
M.Tech (Petroleum Engineering)	11	10	90.91
B.Tech Applied Petroleum Engineering (Gas Stream)	116	115	99.14
B.Tech Applied Petroleum Engineering (Upstream)	117	116	99.15
B.Tech (Mechatronics Engineering)	24	22	91.67
B.Tech Aerospace Engineering (Avionics)	35	31	88.57
B.Tech Chemical Engineering (Refining and Petrochemicals)	116	115	99.14
SCHOOL OF ENGINEERING (TOTAL)	**967**	**930**	**96.17**

Program of Study	Strength	Qualified	Pass%
B.Com. (LLB) Taxation Law	97	85	87.63
B.A. (LLB) Energy Law	121	112	92.56
B.B.A. (LLB) Corporate Law	113	108	95.58
B.B.A. (LLB) Investment	41	40	97.56
B.A. (LLB) Criminal Law	105	93	88.57
B.Tech-CS+LLB-CL	26	25	96.15
B.Tech-ET+LLB-IPR	6	5	83.33
LL.M. with specialization in Business Law	15	10	66.67
LL.M. with specialization in Energy Law	8	4	50
LL.M. with specialization in Law and Technology	12	10	83.33
SCHOOL OF LAW (TOTAL)	**544**	**492**	**90.44**

Program of Study	Strength	Qualified	Pass%
M.Des. (Interaction Design)	3	3	100
M.Des. (Industrial Design)	7	2	28.57
M.Des. (Transportation Design)	6	5	83.33
B.Des.(Transportation Design)	24	18	75
B.Des (Specilization: Industrial Design)	68	40	58.82
B.Des (Specialization: Digital Design)	26	14	53.85
SCHOOL OF DESIGN (TOTAL)	**134**	**82**	**61.19**

	Strength	Qualified	Pass%
GRAND TOTAL	**3295**	**3072**	**93.23**

DISTANCE EDUCATION PROGRAMS

S. No.	Program of Study	Number of Students Qualified
1	MBA (Oil & Gas Management)	169
2	MBA (Power Management)	127
3	MBA (Aviation Management)	106
4	MBA (Logistic & Supply Chain Management)	161
5	BBA (Aviation Operation)	41
6	MBA (IB)	25
Total Graduating Students		**629**

DOCTOR OF PHILOSOPHY

S. No.	Program of Study	Number of Students Qualified
1	Ph.D. (Engineering)	29
2	Ph.D. (Science)	1
3	Ph.D. (Management)	10
4	Ph.D. (Law)	1
Total		**51**

RESEARCH AND DEVELOPMENT

A University's worth, it's 'greatness', should be judged by its value to the society. Since its establishment, UPES has been among India's pioneering innovation driven University with fine tradition of developing research culture in the organization by creating dedicated research centersand winning serval research projects from National and International Funding Organizations; both in the public and private sectors.

UPES has a strong ecosystem to support innovations and research. To foster a research culture that provides solutions through innovative applied research to society and intellectually stimulating environment for research faculty; UPES has developed a commensurate research policy:

- Expansion of research databases through subscription of SCOPUS, Science Direct, Web of Science, Emerald Insight, EBSCO, IEEE etc.
- Provision of SEED grant for undertaking interdisciplinary and innovative research projects.
- Student support for research through a scheme 'RISE' (Research and Innovation for Science and Engineering)' & SHODH to test the feasibility of their innovations.
- Talks, lectures from eminent researchers, conference, seminars etc.
- Establishment of Centre for Interdisciplinary Research and Innovation (CIDRI), Machine Intelligence Research Centre (MIRC), Centre for Alternative Energy Research (CAER) and Speech and Language Research Centre (SLRC).
- Financial support for attending national and international conferences etc.
- Rewards & Recognition Policy & Research Advisory Committee

RESEARCH CENTERS

- **Centre for Interdisciplinary Research and Innovation (CIDRI)**

  Centre of Inter-disciplinary Research & Innovation (CIDRI) at UPES provides a platform for interaction across the boundaries of various disciplines – such as Science, Engineering, Health Environment, Computer Science, Design, Management, Humanities, Law, etc. – and address the key technical, organizational and logistical challenges that currently hinder truly transdisciplinary research.

  CIDRI promotes and facilitates the interfacing and collaborating with industries, clinicians and doctors in hospitals for translational research, research groups of prominent national and international universities/institutes. CIDRI aims at bringing together the researchers in the field of basic sciences, all streams of engineering, artificial intelligence, machine learning alongwith experts of design as well as business and law so as to finally emerge with a product with intellectual property rights and business plan.

- **Central Instrumentation Centre (CIC)**

  Central Instrumentation Center (CIC) was inaugurated by "Padma Bhushan Dr. R. Chidambaram" on 27th February 2014. This facility is aimed to provide data collection from sophisticated, analytical equipments to scientific community for their advanced research and also to facilitate cutting edge technologies for societal needs. The facility is open to researchers from across the country.

List of Equipment at CIC

- FTIR
- GC-MS

- HPLC
- ICP-OES
- CHNS/O Analyzer
- XRD
- UV-Vis Spectrophotometer
- DC/RF Sputtering System
- Photoluminescence Spectrophotometer
- Rheometer
- Muffle Furnace
- Chemical Vapor Deposition
- Contact Angle Goniometer/Drop Shape Analyzer
- Atomic Force Microscope
- Particle Size Analyzer
- Thermo Mechanical Analyzer
- pH/ISE Meter
- pH/ORP, DO, CD/TDS Meter
- Tubular Furnace
- pH Meter
- Weighing Balance
- 3 D Printer
- Source Meter
- Spin Coater
- Thermal Evaporation System
- Colony Counter
- Borosil Double Distillation Unit
- Centrifuge
- Dielectric Constant of Liquids
- Digital Ultrasonic Cleaner-Ultrasonic Bath
- Electronic Weighing Balance
- Medical Refrigirator Freezer
- Millipore Water Purifier
- Nano Fluid Interferometer
- Optical Microscope
- Oven
- Electrochemical Potentiostat-Galvanostat
- Probe Sonicator
- UV Cabinet
- Nano Micro Bubble Generator
- Ozone Gas Generator
- Water Bath
- Orbital Shaking Incubator
- Laminar Air Flow
- Autoclave

- **Machine Intelligence Research Centre (MIRC)**

The facility is aimed at conducting high-end computing specific to investing Machine Learning challenges of Artificial Intelligence. The facility is funded by Research & Development of UPES, in collaboration with School of Computer Science (SOCS) having a vision to develop as Centre of Excellence (COE) that is profound and self-sustainable.

MIRC facility is equipped with HPE Apollo 6000 Gen 10 server system, having 256 GBs of RAM and dual Xeon processors installed over 32 GB of GPU Tesla V100 graphic card. MIRC provides platform for researchers among all faculty and students to conduct fundamental research in the field of Artificial Intelligence and Data Sciences. It also provides assistance and collaborates with other schools of the university and other related organizations for applied AI work. MIRC facilitates the heavy and parallel computing for other fields like fluid dynamics, virtual reality, and simulation for aerodynamics. The centre is utilized by students of doctoral studies, post and under graduate along with faculty members. Over the coming few years, the centre is expected to be strengthened with increased computational capacities and other infrastructure.

- **Centre of Alternative Energy Research (CAER)**

Providing safe, widespread, and equitable access to sustainable energy is one of the key challenges of our time. Centre for Alternate Energy Research (CAER) UPES, hosts world-leading researchers who see this challenge as an opportunity to help future generations inherit a better world. Our interdisciplinary program brings together innovators from many departments, including the School of Applied Science, School of Engineering, School of Health Sciences and School of Business.

Work is in progress on different alternative energy resources using advanced technology. Current efforts include biofuel production from waste agricultural and forest biomass by thermal and biological routes, plastic waste to energy and other value-added products, microalgae biofuels.

CAER actively seek national and global collaboration with industry, academia and all levels of government and private bodies.

List of equipment at CAER

- Solar Thermal Pyrolysis Reactor (15 Kg/Batch)
- Digital Pyrolysis Reactor (100 G/Batch)
- Digital Pyrolysis Reactor (50 Kg/Batch)
- Municipal Solid Waste Segregator
- Plastic Shredder Machine
- Floating Type Biogas Production Plant (6 M^3 / Day)
- Floating Type Biogas Production Plant With Biogas Engine Set Up (80 M^3/Day)
- CSTR Biogas Plant (40 M^3/Day)
- Gasification Reactor (Downdraft Gasifier, 20 Kg/Batch)
- Briquetting Machine
- Screw Press Expeller
- Lab Scale Biodiesel Reactor (1L/Batch)
- Biodiesel Reactor (5L/Batch)
- Biodiesel Production Plant (100L/Batch)
- Fermenter
- Algae Photo Bioreactor
- Open Raceway Ponds
- Soxhlet Extraction Unit
- Hydrothermal Liquefaction Reactor
- Viscometer
- Density Meter
- Pour And Cloud Point Apparatus
- Bomb Calorimeter
- Gas Chromatograph With TCD And FID
- Hot Air Oven

- Muffle Furnace
- Vacuum Oven
- Weighing Machine (100 Kg)
- Weighing Machine (0.001 G)
- Ultrasonic Interferometer
- Hot Plate Magnetic Stirrer
- Heating Mantle
- Solar Cooker
- Chirpine Grinder
- Refrigerator
- Centrifuge
- Scheffler Dish
- Fuel Combustion and Emissions Analysis Set Up
- Distillation Assembly
- Fixed Bed Reactor (Gas To Liquid Production Technology)
- Multi Fuel Cooking Stove (NEELAM Cooking Stove)

- **Waste Paper Recycling Laboratory**

Primarily focus of this Research Laboratory is on waste paper recycling. The rationale of this focus stems mainly from the fact that the world consumption of paper products is massive and therefore the Disposal problems are enormous; traditionally involving either incineration or landfill.

Our basic idea was to bring a balance between the environment and the use of technology for the economic independence of rural women. This project aimed to help rural women from the indigenous community to earn a fair wage by teaching them how to make high-quality goods using waste paper viz **paper pencils**, jewellery, stationery items, etc.

In a lab a set of six machines is required (Figure 1). Rolling Machine, Oven, Cutting machine, Abrading Machine and Coating Machine

Cost: The cost of machines is around 9.5 lakhs [Including about 50kgs of gum and 10 cartons [3500 of HB lead per carton].

- **Medicinal Plant and Aromatic Plant (MAP) Lab**

The Medicinal and Aromatic Plant Laboratory is developed under DST funded project *Rural Women Technology Park* of UPES, (2015-2018) SEED Division DST, GoI.The objective of the lab is to do Extraction of essential oil of medicinal and aromatic plants and to conduct comparative study of yield of essential oil from different land pattern.

Under this Lab the primary screening of natural compounds from medicinal and aromatic plant is carried out. MAP Lab facilitates the antimicrobial, antifungal, and antibacterial studies of extraction of MAP species. The Lab is equipped with Soxhlet assembly, Rotameters, Clevenger unit and Steam distillation (Autoclave) unit, soil and water testing kits which are used for the extraction of essential oil of lemongrass, stevia, Tulsi, Chamomile.

The University has also established polyhouse and nurseries for the cultivation of medicinal and aromatic plants. Under this project, we give training and technical backup support to rural women farmers to cultivate medicinal and aromatic plant species Tulsi, Chamomile lemongrass, Stevia species in nearby villages i.e Than goan, Birsani, Doonga and Masraajpatti.

List of equipment at MAP
- Clevenger Apparatus
- Soxhlet Assembly
- Steam Distillation Unit (Autoclave)
- Rota Vapour
- Portable Water Testing and Soil Testing Kit
- Digital Heat Mantle
- Digital pH meter
- Water Bath Digital
- Desiccator
- Weighing Balance
- Poly House

Name of Medicinal and Aromatic plants available in Poly house

S.No.	Common Name	Botanical Name
1.	Kachnar-	Bauhinia variegata
2.	Reetha	Sapindus mukorossi
3.	Arjun	Terminalia arjuna
4.	Sarpgandha	Rauvolfia serpentine
5.	Aloe vera	Aloe barbadensis
6.	Giloy	Tinospora cordifoilia
7.	Ambahaldi	Curcuma longa
8.	Chitrak	Plumbago zeylanicum
9.	Japanese mint	Mentha arvensis
10.	Touch-me-not	Mimosa pudica
11.	Castor plant	Ricinus communis
12.	Kasni	Cichorium intybus
13.	Bhanjir	Perilla frutescens
14.	Baheda	Terminalia bellirica
15.	Harad	Terminalia chebula
16.	Amla	Phyllanthus emblica
17.	Shatawar	Asparagus racemosus
18.	Kalihari	Gloriosa superba
19.	Brahmi	Bacopa monnieri
20.	Aprajita	Clitoria ternatea
21.	Lemongrass	Cymbopogon citratus
22.	Stevia	Stevia rebaudiana
23.	Tulsi	Ocimum sanctum
24.	Insulin patra	Costus igneus
25.	Pippali	Piper longum

- **Speech and Language Research Centre (SLRC)**

  The objective of Centre of Excellence in Speech and Language Research Centre (SLRC) is to undertake theoretical and empirical research into the rich and complex structure of physiological, social and development variation. Our lab efforts are to root a community based solution by improving language understanding and developing target intervention for their speech and language weaknesses. Through our research we want to cater families, educators, community people and policy makers so that they can recognize their role and responsibilities in facilitating of speech, or language development.

PROJECTS (FUNDED, CONSULTANCY, etc.)

FUNDED PROJECTS

School	Title	Funding Agency	Team	Starting Date	Duration	Cost (INR Lakh)	Status
School of Engineering	Events for science popularation	IOP UK	Dr. D.K. Avasthi	9/25/2020	1 years	0.48	Ongoing
School of Engineering	Photoactivation of dioxygen molecule using Fe-TPA complexes linked with ruthenium based photosensitizer	DST-INSPIRE	Dr. Sushil Kumar	11/12/2020	6 years	5.30	Ongoing (transferred to UPES in 2021)
School of Engineering	Sysnthesis of plasmonics assisted SERS substrates	UGC - DAE	Dr. D. K. Avasthi	11/26/2020	1 year	3.30	Ongoing (transferred to UPES)
School of Business	Communicable disease prevention and controldemonstration workshops with speacial focus oncovid19 for students in schools of Dehradun district in Uttarakhand	DST	Atri Nautiyal, Dr. Bhartendu Kumar Chaturvedi	12/9/2020	3 years	13.25	Got approval letter
School of Business	Outreach activities to promote scientific temper regarding sustainable development among school students of sc/st community in Chakrata, Tyuni and Kalsi Tehsils of Uttarakhand	DST	Dr. Bhartendu Kumar Chaturvedi	12/14/2020	1 year	36.19	Ongoing
School of Computer Science	Technology based Entrepreneurship Development Programme (TEDP) & Faculty Dvelopment Programme (FDP)	DST	Mr. Mohit Nagpal, Mr. Saurabh Shanu	12/14/2020	1 year	5.20	Ongoing
School of Engineering	Development of silver nanowire/polymer composite as transparent electrode for flexible thin film solar cell	SERB	Dr. Manjeet Singh	12/15/2020	3 years	18.30	Ongoing
School of Engineering	Microalgae-mediated wastewater reclamation with bio-oil and biogas production: A sustainable approach	DST	Dr. Bhawna Yadav Lamba, Dr. Sapna Jain	2/17/2021	2.5 years	73.00	Ongoing
School of Health Sciences	Study, design and synthesis of the nanomaterials for solid state battery applications	Ornate Agencies Pvt Ltd, New Delhi, India	Dr. Manan Mehta , Dr. S.Chaudhury, Dr. D. K. Avasthi	3/24/2021	3 years	12.00	Ongoing

School	Title	Funding Agency	Team	Starting Date	Duration	Cost (INR Lakh)	Status
School of Engineering	Glancing angle deposition of magnetic thin films and multi layers on nanopatterned templates: An idea towards titled magnetic media	DST Inpire Faculty Fellowship	Dr. Sarathlal	3/11/2021	5 years	8.00	Ongoing (transferred to UPES in 2021)
School of Engineering	Designing a device for detecting the proximal extent of pathology (Levelling) in Hirschsprung's disease	KIIT Technology Business Incubator, Bhubaneswar, BIRAC, DBT	Dr. Ashish Mathur	5/27/2021	1.5 years	47.30	Ongoing
School of Engineering	Defect assisted current transport mechanism in III-V semiconductors for thermoelectric/energy applications	DST-Inspire	Dr. Ashish Kumar	6/18/2021	6 years	10.08	Ongoing (transferred to UPES in 2021)

CONSULTANCY

School	Title	Funding Agency	Team	Date of Sanction	Duration	Cost (INR Lakh)	Status
SOCS	Gamification Modules	Jr. TeslaX (Industry-LLP)	Saurabh Shanu, Pankaj Badoni	10-Feb-21	24 months	2.6	Ongoing
SOHS	Assessment of nutritional status and intervention in rural area of 3 districts of Uttarakhand	HESCO, AMAN and TVPS (Joint project)- all 3 are NGO	Dr. Divya Rawat (PI), Dr. Sandip Nandi (Co-PI)	30-Dec-20	24 months	1.5	Ongoing
SOE	Project Management and Monitoring consultancy for renovation , modernization and up-gradation of ventilation system at Chhibro Power Station	Uttarakhan Jal Vidyut Nigam Ltd (UJVNL)	PI - Yogesh Chandra Gupta, Expert 2 - Dr. Kamal Bansal	09/11/2020	12 months	9.5	Ongoing

PATENTS

Sr.	Inventors	Application No.	Title	Date of Publication Status
1	Jasjit Singh, Raman Bala, Namya Kamboj, Namita Kamboj, Dr. Deepak Kumar, Dr. Ajay Kumar	202011028272	An Automatic Elevator Key Panel Disinfecting System	18-Sep-20
2	Prashant Shukla, Dharnidhar Choudhary, Dinesh Rawat, Dr. Pankaj Sharma	202011028915	A Caliper Disc Brake Assembly	18-Sep-20
3	Mr. Mayank Dahiya, Mr. Prabudh Sanket, Mr. Balaji Venkateswaran V, Mr. Swapnil Bhurat, Mr. Mayank Gupta, Mr. Aarohan Goel	202011043553	Hybrid Tire Pressure Monitoring System	Filed
4	Abhishek Nandan, Mr. Prasenjit Mondal, Dr Nihal Anwar Siddiqui, Dr Bikarama Prasad Yadav, Dr Pankaj Kumar	9573/2020-CO/SW	Development Of Computer Based Tool For Cancer Risk Assessment Due To Indoor Air Pollution Using Python Language	Granted
5	Raman Bala, Jasjit Singh, Namya Kamboj,Namya Kamboj, Varnita Verma,Nilanjan Bharadwaj	202011030764	Modular Prosthetic Arm Adjunct With Prosthetic Hand And Rotary Actuators Control System	5-Mar-21
6	Dr. Rajesh Maithani, Dr. Anil Kumar	331216-001	Integrated Photovoltaic And Thermal Energy System	Granted
7	Prasenjit Mondal, Abhishek Nandan, Dr. Bikarama Prasad Yadav, Dr. Nihal Anwar Siddiqu	202011031120	A Water Filtration System	18-Sep-20
8	Harsh Kag, Anubhav Shekhar, Mudit Bhargava, Manas Jaiswal, Ramesh Kumar	202011031750	An Aircraft For Short Runway	Filed
9	Mr. Gunjan Chhabra, Ms. Ninni Singh, Dr. Neelu Jyoti Ahuja, Dr. Ajay Prasad, Dr. Venkatadri M.	202011031844	System And Method For Analyzing Emotion-Biofield In Real-Time	3-May-21
10	Dr. Sunil Gupta, Yash Gupta	202011031915	A Protective Face Covering	18-Sep-20
11	Dr. Rashmi Sharma, Mr. Tapan Pancholi, Dr. Nitin, Mr. Gunjan Chhabra	202011031896	A Sanitizing Unit	2-May-21
12	Sachi Choudhary, Neel Adwani, Gauraang Sharma, Prashant Shukla	202011031956	An Accident Detection System And Method	18-Sep-20
13	Prashant Shukla, Dr. Pankaj Sharma, Dr. Shyam Pandey, Dr. V Chintala, Dr. G. G. Sastry, Sachi Choudhary	331395-001	Waste Segregator	Granted
14	Dr. Shweta Mongia, Ms. Sugandha Sharma, Mr. Vinay Chowdary, Mr. Mohit Nagpal, Mr. Paras Adlakha, Arushi Jindal	331402-001	Hand Sanitization Hygiene Station	Granted

Sr.	Inventors	Application No.	Title	Date of Publication Status
15	Geetanjali Raghav, Nilanjan Bharadwaj, Suraj Meshram	331398-001	Apparartus For Temperature Screening	Granted
16	Geetanjali Raghav, Dr. Ajay Kumar, Sharad Walia, Paras Adlakha	331432-001	Dispenser For Hand Sanitizer	Granted
17	Mr. Vaibhav Goyal, Mr. Dhruv Chakravarty Nath, Dr. Rupendra Pachauri, Mr. Abhishek Sharma	202011033597	An Artificial Intelligence-Based Automated Movable Washbasin System	Filed
18	Mr. Vaibhav Goyal, Mr. Dhruv Chakravarty Nath, Dr. Rupendra Pachauri, Mr. Abhishek Sharma	331814-001	Movable Wash Basin	Granted
19	Narayan Khatri, Shyam Pandey, Prakhar Khandelwal, Prince Kumar Singh	202011040033	A Sanitizer Dispenser	Filed
20	Dr. Jitendra Yadav,Dr. Ajay Kumar, Shubham Thakur, Rajashree Hazarika, Sayan Saha, Shantanu Mathur, Vaibhav Porwal	329240-001	Writing Instrument	Granted
21	Dr. Jitendra Yadav, Dr.Santosh Kurre, Surajit Mondal, Pawan Kumar Yadav, Lakshmi Kaushik, Manohar Bhati	329241-001	Chainless Cycle	Granted
22	Jitendra K Pandey, Mukesh Kestwal, Prasenjit Mondal, Sukdeb Pal	202011049926	A Water Treatment System For Gray Water	4-Dec-20
23	Manas Ranjan Mishra Jashojit Sengupta	345603-001	Keyring Holder	Filed
24	Manas Ranjan Mishra, Madhav Kedia, Praanesh S., Rahul Kumar, Shirin Nafisa, Tharun Rathnam, Jyotiraditya Kabiraj	345604-001	Travel Bag	Filed
25	Dr. Bhawna Yadav Lamba, Dr. Sapna Jain, Dr. Amit Kumar Sharma, Dr. Surajit Mondal, Dr. Devesh Kumar Avasthi	202111007932	Conversion of PPE kit to Fuel	Filed
26	Ankit Vishnoi, Dr. Durgansh Sharma, Dr. Manish Prateek	202011026108	Secure Multimodal Biometric System And Method Thereof	7-Aug-20
27	Dr. Rajesh Maithani, Dr. Anil Kumar	345761-001	Photo- Voltaic Solar Panel Based Energy Storage System	Filed
28	Dr. Anil Kumar, Dr. Rajesh Maithani	345762-001	Integrated Solar Thermal Energy System	Filed
29	Dr. Deepak Kumar, Dr. Ajay Kumar, Aditya Kumar, Jasjit Singh, Abhishek Menon, Sandeep Sharma	202111030400	Emergency First-Aid Based Protection System	Filed
30	Manas Ranjan Mishra, Priyansha Jha, Lavanya Saihjee, Kuntal Bhattacharjee, Medha Sundriyal, Aditya James Kottukal, Gokul Ajit	345823-001	Night Lamp With Music Player	Filed

Sr.	Inventors	Application No.	Title	Date of Publication Status
31	Manas Ranjan Mishra, Jay Khopey	345824-001	Clothes Clip With Sliding Arrangement	Filed
32	Rajan Iyer, Manas Ranjan Mishra, Vikrant Baburao Chandekar, Jay Khopey, Tejal Kalgutkar	345825-001	Dust Bin Cum Dust Pan	Filed
33	Manas Ranjan Mishra, Gaurav Banerjee	345826-001	Shaker Bottle	Filed
34	Manas Ranjan Mishra, Sanjana Sunil, Atul Chris Alex, Muhammed Jassim Jaleel, Mythili Nair, Basil Sunny	345827-001	Table Lamp	Filed
35	Dr. Ashish Karn, Pankaj Badoni	13864/2021-CO/SW	ANURL: An Indigenous and Innovative URL shortening service	Granted
36	Dr. Somenath Ganguly, Dr. Santosh K. Rai, Dr. Uday Bhan, Dr. Saurabh Mittal	345203-001	Laboratory Experimental Apparatus Assembly To Fractionate Oxygen Isotope And Deuterium In Liquid Water	Filed
37	Dr. Abhishek Nandan, Prasenjit Mondal, Dr. Nihal Anwar Siddiqui, Dr. Bikarama Prasad Yadav, Dr. Pankaj Kumar, Dr. S M Tauseef, Ujjawal Gupta, Sameep Khandelwa	14170/2021-CO/L	Development Of Indoor Air Pollution Control System For Kitchen By Application Of IoT: Special Emphasis On VOC & CO2	Granted
38	Dr. Harinandan Kumar	320476-001	Portable And Detachable Vice For Holding Work Piece	Granted
39	Dr. Anil Kumar, Dr. Rajesh Maithani	327456-001	Solar Energy Storage System	Granted
40	Dr. Anil Kumar, Dr. Rajesh Maithani, Surajit Mondal	327677-001	Integrated Photovoltaic Panel For Water Heating	Granted
41	Somya Sharma, Avnish Priya Gautam	325506-001	Candle Stand	Granted
42	Adhithya Vishnu M, Anshika Jain, Karina Mendiratta, Dr. Krishnendu Sarkar	325508-001	Steam Cookware	Granted
43	Debosmita Paul Choudhury, Reet Kaur, Utkarsh Mishra, Muskan Nakra, Sandipta Tia, Tojo Thoppil, Manas Ranjan Mishra	325507-001	Waste Collection Cart	Granted
44	Shubhangi Agarwal, Rajan Iyer	325558-001	Aquarium	Granted
45	Krishna Kant Gupta, Priya Singh, Shreshth Kapoor, Kartik Dogra, Lakshay Kumar, Shray, Manas Ranjan Mishra	325559-001	Display Board	Granted
46	Shubhangi Agarwal, Rajan Iyer	325560-001	Kennel	Granted
47	Akshay K. Desai, Anshika Jain, Karina Mendiratta, Pallav Raj Singh Chouhan, Sajal K. Rustagi, Manas Ranjan Mishra	325565-001	Baby Cradle	Granted

Sr.	Inventors	Application No.	Title	Date of Publication Status
48	Aishita Kapoor, Anshika Jain, Grishma Vaibhav Vartak, Kriti Dhawan, Karina Mendiratta, Deepak S.S., Manas Ranjan Mishra	325566-001	Packaging Box	Granted
49	Dr. Deepak Kumar, Dr. Ajay Kumar, Aayush Vats, Ankur Kohli, Jasjit Singh	202011024533	Autonomous Apparatus To Operate Elevator	7-Aug-20
50	Prashant Shukla, Dr. Pankaj Sharma, Dr. Shyam Pandey, Dr. V Chintala, Dr. G.G. Sastry, Sachi Choudhary	202011025038	A Mixed Municipal Waste Segregation System	7-Aug-20
51	Pradeepta Kumar Shahoo, Pankaj Kumar Sharma, Y K Atrey, R S Kaushik , S. J. Chopra	1759/DEL/2012	Multifuel Neelam Stove	Granted
52	Diwakar Kashyap, Venkateswaran Ps, Dr. Jitendra Kumar Pandey, Dr. Sanket Goel	122/DEL/2015	A Method For Fabricating Vertically Aligned Copper Nanotubes Electrodes	Granted
53	Ravi Kumar Patel, Dr. Jitendra Kumar Pandey	201911010347	Alterable And Effectual Microchannel Rapid Prototyping For Removal Of Toxic Ions From Water Through Adsorption Onto Nano-Adsorbent	Granted
54	Praveen Kumar Ghodke, Krishna Moorthy,Surajit Mondal, Jitendra Kumar Pandey, Venkateswarlu Chintala	201911050635	A Catalyst For Pyrolysis Of Mixed Plastic Waste And A Method Of Pyrolysis Thereof	Granted

RESEARCH PUBLICATIONS

Sr.	Authors	Title	Source title	DOI	ISSN/ISBN
1	Kala D.	'Thank you, God. You saved us' - examining tourists' intention to visit religious destinations in the post COVID	Current Issues in Tourism	10.1080/13683500.2021.1876643	13683500
2	Prasher P., Sharma M.	"Azole" as privileged heterocycle for targeting the inducible cyclooxygenase enzyme	Drug Development Research	10.1002/ddr.21753	2724391
3	Singh R.K., Sachan M.K., Patel R.B.	360 degree view of cross-domain opinion classification: a survey	Artificial Intelligence Review	10.1007/s10462-020-09884-9	2692821
4	Chowdhury J., Anirudh P.V., Karunakaran C., Rajmohan V., Mathew A.T., Koziol K., Alsanie W.F., Kannan C., Balan A.S.S., Thakur V.K.	4D printing of smart polymer nanocomposites: Integrating graphene and acrylate based shape memory polymers	Polymers	10.3390/polym13213660	20734360

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5	Dhasarathan C., Kumar M., Srivastava A.K., Al-Turjman F., Shankar A., Kumar M.	A bio-inspired privacy-preserving framework for healthcare systems	Journal of Supercomputing	10.1007/s11227-021-03720-9	9208542
6	Hassija, V; Chamola, V; Krishna, DNG; Kumar, N; Guizani, M	A blockchain and edge-computing-based secure framework for government tender allocation	IEEE Internet of Things Journal	10.1109/JIOT.2020.3027070	2327-4662
7	Prasad A., Verma S.S., Dahiya P., Kumar A.	A case study on the monitor mode passive capturing of wlan packets in an on-the-move setup	IEEE Access	10.1109/ACCESS.2021.3127079	21693536
8	Kapoor A., Mishra R., Kumar P.	A compact high gain printed antenna with frequency selective surface for 5G wideband applications	Advanced Electromagnetics	10.7716/aem.v10i2.1687	21190275
9	Mohankumar M., Shankar A.N., Karthik T.S., Saravanakumar R., Oruganti H., Venkatesa Prabhu S., Rakesh N.	A comparative study on crack-healing ability of al2o3/sic structural ceramic composites synthesized by microwave sintering and conventional electrical sintering	Advances in Materials Science and Engineering	10.1155/2021/3170697	16878434
10	Agrawal J., Kapoor M.	A comparative study on geographic-based routing algorithms for flying ad-hoc networks	Concurrency and Computation: Practice and Experience	10.1002/cpe.6253	15320626
11	Goyal K., Singh A., Kadyan V.	A comparison of laryngeal effect in the dialects of Punjabi language	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-03235-4	18685137
12	Narang S., Goswami P., Jain A.	A comprehensive review of load balancing techniques in cloud computing and their simulation with cloudsim plus	Recent Advances in Computer Science and Communications	10.2174/2666255813666619121811 3350	26662558
13	Kumar S., Thakur R., Suri A.R.S., Kashyap K., Singhy A., Kumar S., Kumar A.	A comprehensive review of performance analysis of with and without fins solar thermal collector	Frontiers in Heat and Mass Transfer	10.5098/hmt.16.4	21518629
14	Tosif M.M., Najda A., Bains A., Kaushik R., Dhull S.B., Chawla P., Walasek-Janusz M.	A comprehensive review on plant-derived mucilage: Characterization, functional properties, applications, and its utilization for nanocarrier fabrication	Polymers	10.3390/polym13071066	20734360
15	Aggarwal S., Kumar N.	A consortium blockchain-based energy trading for demand response management in vehicle-to-grid	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3100681	189545

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16	Ocreto, JB; Chen, WH; Ubando, AT; Park, YK; Sharma, AK; Ashokkumar, V; Ok, YS; Kwon, EE; Rollon, AP; De Luna, MDG	A critical review on second- and third-generation bioethanol production using Microwaved-Assisted Heating (MAH) pretreatment	Renewable & Sustainable Energy Reviews	10.1016/J.RSER.2021.111679	1364-0321
17	Kumar R., Thakur A.K., Banerjee N., Chaudhari P.	A critical review on the particle generation and other applications of rapid expansion of supercritical solution	International Journal of Pharmaceutics	10.1016/j.ijpharm.2021.121089	3785173
18	Rani P., Kumar R., Ahmed N.M.O.S., Jain A.	A decision support system for heart disease prediction based upon machine learning	Journal of Reliable Intelligent Environments	10.1007/s40860-021-00133-6	21994668
19	Thapliyal M., Ahuja N.J., Shankar A., Cheng X., Kumar M.	A differentiated learning environment in domain model for learning disabled learners	Journal of Computing in Higher Education	10.1007/s12528-021-09278-y	10421726
20	Kumar A., Sharma K., Singh H., Naugriya S.G., Gill S.S., Buyya R.	A drone-based networked system and methods for combating coronavirus disease (COVID-19) pandemic	Future Generation Computer Systems	10.1016/j.future.2020.08.046	0167739X
21	Jain D., Singh V.	A fast parallel classification model for the diagnosis of cancer	Recent Advances in Computer Science and Communications	10.2174/2213275912666190410115323	26662558
22	Singh B., Kapoor M.	A framework for the generation of obstacle data for the study of obstacle detection by ultrasonic sensors	IEEE Sensors Journal	10.1109/JSEN.2021.3055515	1530437X
23	Singh V., Alshehri M., Aggarwal A., Alfarraj O., Sharma P., Pardasani K.R.	A holistic, proactive and novel approach for pre, during and post migration validation from subversion to git	Computers, Materials and Continua	10.32604/cmc.2021.013272	15462218
24	Rani P., Kumar R., Jain A., Chawla S.K.	A hybrid approach for feature selection based on genetic algorithm and recursive feature elimination	International Journal of Information System Modeling and Design	10.4018/IJISMD.2021040102	19478186
25	Kaur P., Harnal S., Tiwari R., Alharithi F.S., Almulihi A.H., Noya I.D., Goyal N.	A hybrid convolutional neural network model for diagnosis of covid-19 using chest x-ray images	International Journal of Environmental Research and Public Health	10.3390/ijerph182212191	16617827
26	Lamba R., Gulati T., Alharbi H.F., Jain A.	A hybrid system for Parkinson's disease diagnosis using machine learning techniques	International Journal of Speech Technology	10.1007/s10772-021-09837-9	13812416

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27	Bhurat K.S., Banerjee T., Pandey J.K., Bhurat S.S.	A lab fermenter level study on anaerobic hydrogen fermentation using potato peel waste: effect of pH, temperature, and substrate pre-treatment	Journal of Material Cycles and Waste Management	10.1007/s10163-021-01242-3	14384957
28	Gupta V., Sharma M., Pachauri R.K., Babu K.N.D.	A low-cost real-time iot enabled data acquisition system for monitoring of PV system	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2020.1844351	15567036
29	Verma A.H., Joshi S.K., Singh Y.K., Dubey S.	A neural network model of PV module temperature as a function of weather parameters prevailing in composite climate zone of India	International Journal of Ambient Energy	10.1080/01430750.2021.1909132	1430750
30	Rawat A., Sushil R., Agarwal A., Sikander A., Bhadoria R.S.	A new adaptive fault tolerant framework in the cloud	IETE Journal of Research	10.1080/03772063.2021.1907231	3772063
31	Rawat A., Sushil R., Agarwal A., Sikander A.	A new approach for VM failure prediction using stochastic model in cloud	IETE Journal of Research	10.1080/03772063.2018.1537814	3772063
32	Chakradar M., Aggarwal A., Cheng X., Rani A., Kumar M., Shankar A.	A non-invasive approach to identify insulin resistance with triglycerides and HDL-c ratio using machine learning	Neural Processing Letters	10.1007/s11063-021-10461-6	13704621
33	Chauhan G., Ojha K., Prasad C.V.	A novel and cleaner bio-polymer Gum Karaya-based silica nanocomposite fracturing fluid for high-temperature application	Journal of Petroleum Exploration and Production Technology	10.1007/s13202-021-01252-9	21900558
34	Kumar A., Aggarwal A., Gopal K.	A novel and efficient reader-to-reader and tag-to-tag anti-collision protocol	IETE Journal of Research	10.1080/03772063.2018.1537815	3772063
35	Chugh N., Tomar G.S., Bhadoria R.S., Saxena A.N.	A novel anomaly behavior detection scheme for mobile ad hoc networks	Electronics (Switzerland)	10.3390/electronics10141635	20799292
36	Uniyal N., Dobhal G., Rawat A., Sikander A.	A novel encryption approach based on vigenère cipher for secure data communication	Wireless Personal Communications	10.1007/s11277-021-08295-5	9296212
37	Tauseef S.M., Tabassum-Abbasi, Patnaik P., Abbasi T., Abbasi S.A.	A novel high-rate vermicomposting machine for downstream processing of bio-refinery waste and other forms of organic solid waste	Biomass Conversion and Biorefinery	10.1007/s13399-021-01522-w	21906815

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38	Wang C., Huang R., Shen J., Liu J., Vijayakumar P., Kumar N.	A novel lightweight authentication protocol for emergency vehicle avoidance in VANETs	IEEE Internet of Things Journal	10.1109/JIOT.2021.3068268	23274662
39	Raj N., Dasgotra A., Singh V.K., Mondal S., Sharma A., Pandey J.K.	A novel method of mass disinfection for the prevention of COVID-19	International Journal of Current Research and Review	10.31782/IJCRR.2021.13428	22312196
40	Anand K., Vadivalagan C., Joseph J.S., Singh S.K., Gulati M., Shahbaaz M., Abdellattif M.H., Prasher P., Gupta G., Chellappan D.K., Dua K.	A novel nano therapeutic using Convalescent Plasma derived Exosomal (CPExo) for COVID-19: A combined hyperactive immune modulation and diagnostics	Chemico-Biological Interactions	10.1016/j.cbi.2021.109497	92797
41	Sharma A., Khan R.A., Sharma A., Kashyap D., Rajput S.	A novel opposition-based arithmetic optimization algorithm for parameter extraction of PEM fuel cell	Electronics (Switzerland)	10.3390/electronics10222834	20799292
42	Marichelvam M.K., Manimaran P., Verma A., Sanjay M.R., Siengchin S., Kandakodeeswaran K., Geetha M.	A novel palm sheath and sugarcane bagasse fiber based hybrid composites for automotive applications: An experimental approach	Polymer Composites	10.1002/pc.25843	2728397
43	Sagar P., Gupta P., Tanwar R.	A novel prediction algorithm for multivariate data sets	Decision Making: Applications in Management and Engineering	10.31181/DMAME210402215S	25606018
44	Kumar A., Krishnamurthi R., Nayyar A., Luhach A.K., Khan M.S., Singh A.	A novel Software-Defined Drone Network (SDDN)-based collision avoidance strategies for on-road traffic monitoring and management	Vehicular Communications	10.1016/j.vehcom.2020.100313	22142096
45	Li X., Tan J., Liu A., Vijayakumar P., Kumar N., Alazab M.	A novel UAV-enabled data collection scheme for intelligent transportation system through UAV speed control	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2020.3040557	15249050
46	Kumar R., Kumar P., Tripathi R., Gupta G.P., Kumar N., Hassan M.M.	A privacy-preserving-based secure framework using blockchain-enabled deep-learning in cooperative intelligent transport system	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2021.3098636	15249050
47	Mundi H.S., Kaur P., Murty R.L.N.	A qualitative inquiry into the capital structure decisions of overconfident finance managers of family-owned businesses in India	Qualitative Research in Financial Markets	10.1108/QRFM-02-2020-0019	17554179
48	Kaur N., Bains A., Kaushik R., Dhull S.B., Melinda F., Chawla P.	A review on antifungal efficiency of plant extracts entrenched polysaccharide based nanohydrogels	Nutrients	10.3390/nu13062055	20726643

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49	Sharma K., Hooda A., Goyat M.S., Rai R., Mittal A.	A review on challenges, recent progress and applications of silica nanoparticles based superhydrophobic coatings	Ceramics International	10.1016/j.cerami nt.2021.11.239	2728842
50	Singh P., Diwakar M., Shankar A., Shree R., Kumar M.	A review on SAR image and its despeckling	Archives of Computational Methods in Engineering	10.1007/s11831-021-09548-z	11343060
51	Kumar S., Jain S., Lamba B.Y.	A review on synthesis, characterisation and surface modification of magnetic nanoparticle and its composite for removal of heavy metals from wastewater	International Journal of Environmental Analytical Chemistry	10.1080/0306731 9.2021.1957467	3067319
52	Manjunath R., Kumar D., Kumar A.	A review on the significance of hybrid particulate reinforcements on the mechanical and tribological properties of stir-casted aluminum metal matrix composites	Journal of Bio- and Tribo-Corrosion	10.1007/s40735-021-00558-9	21984220
53	Pilania U., Tanwar R., Gupta P., Choudhury T.	A roadmap of steganography tools: conventional to modern	Spatial Information Research	10.1007/s41324-021-00393-7	23663294
54	Raheja S., Alshehri M., Mohamed A.A., Khaitan S., Kumar M., Thompson S.	A smart intuitionistic fuzzy-based framework for round-robin short-term scheduler	Journal of Supercomputing	10.1007/s11227-021-04052-4	9208542
55	Patel K., Mistry C., Mehta D., Thakker U., Tanwar S., Gupta R., Kumar N.	A survey on Artificial Intelligence techniques for chronic diseases: open issues and challenges	Artificial Intelligence Review	10.1007/s10462-021-10084-2	2692821
56	Aggarwal, S; Kumar, N; Tanwar, S; Alazab, M	A survey on energy trading in the smart grid: taxonomy, research challenges and solutions	IEEE Access	10.1109/ACCES S.2021.3104354	2169-3536
57	Singh U., Dua A., Tanwar S., Kumar N., Alazab M.	A survey on LTE/LTE-A radio resource allocation techniques for machine-to-machine communication for B5G networks	IEEE Access	10.1109/ACCES S.2021.3100541	21693536
58	Sille R., Choudhury T., Chauhan P., Sharma D.	A systematic approach for deep learning based brain tumor segmentation	Ingenierie des Systemes d'Information	10.18280/ISI.260 301	16331311
59	Lamba R., Gulati T., Al-Dhlan K.A., Jain A.	A systematic approach to diagnose Parkinson's disease through kinematic features extracted from handwritten drawings	Journal of Reliable Intelligent Environments	10.1007/s40860-021-00130-9	21994668

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60	Budhiraja I., Kumar N., Tyagi S., Tanwar S., Han Z., Piran M.J., Suh D.Y.	A systematic review on NOMA variants for 5G and beyond	IEEE Access	10.1109/ACCES S.2021.3081601	21693536
61	Goundar, S; Chand, S; Chandra, J; Bhardwaj, A; Saber, F	A taxonomy of blockchain applications	Blockchain Technologies, Applications And Cryptocurrencies: Current Practice and Future Trends	-	978-981-12-0527-9; 978-981-12-0526-2
62	Tanwar, S; Popat, A; Bhattacharya, P; Gupta, R; Kumar, N	A taxonomy of energy optimization techniques for smart cities: Architecture and future directions	Expert Systems	10.1111/exsy. 12703	0266-4720
63	Ray P.P., Kumar N., Guizani M.	A vision on 6G-enabled NIB: Requirements, technologies, deployments, and prospects	IEEE Wireless Communications	10.1109/MWC.0 01.2000384	15361284
64	Pachauri R.K., Alhelou H.H., Bai J., Golshan M.E.H.	Adaptive switch matrix for PV module connections to avoid permanent cross-tied link in pv array system under non-uniform irradiations	IEEE Access	10.1109/ACCES S.2021.3068637	21693536
65	Kumar R., Jha A., Damodaran A., Bangwal D., Dwivedi A.	Addressing the challenges to electric vehicle adoption via sharing economy: an Indian perspective	Management of Environmental Quality: An International Journal	10.1108/MEQ-03-2020-0058	14777835
66	Prasher P., Sharma M., Chellappan D.K., Gupta G., Jha N.K., Singh S.K., MacLoughlin R., A Pinto T.J., Löbenberg R., Dua K.	Advanced drug delivery systems targeting NF-κB in respiratory diseases	Future Medicinal Chemistry	10.4155/fmc-2021-0013	17568919
67	Paul A., Tyagi R.	Affordable power for rural electrification in india	Water and Energy International	-	9744207
68	Singh P.	Affordance-based framework of object perception in children's pretend play: a nonrepresentational alternative	International Journal of Play	10.1080/2159493 7.2021.1878776	21594953
69	Lei Y., Vyas S., Gupta S., Shabaz M.	AI based study on product development and process design	International Journal of Systems Assurance Engineering and Management	10.1007/s13198-021-01404-4	9756809
70	Ali W., Din I.U., Almogren A., Kumar N.	ALPHA: An anonymous orthogonal code-based privacy preserving scheme for industrial cyber-physical systems	IEEE Transactions on Industrial Informatics	10.1109/TII.2020 .3030961	15513203

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71	Muralidhar Singh M., Kumar H., Sivaiah P.	Alumina thin film coatings at optimized conditions using RF magnetron sputtering process	International Journal of Thin Film Science and Technology	10.18576/ijtfst/100103	20909519
72	Hussain S., Chaudhry S.A., Alomari O.A., Alsharif M.H., Khan M.K., Kumar N.	Amassing the security: An ECC-based authentication scheme for internet of drones	IEEE Systems Journal	10.1109/JSYST.2021.3057047	19328184
73	Er S., Laraib U., Arshad R., Sargazi S., Rahdar A., Pandey S., Thakur V.K., Díez-Pascual A.M.	Amino acids, peptides, and proteins: Implications for nanotechnological applications in biosensing and drug/gene delivery	Nanomaterials	10.3390/nano11113002	20794991
74	Sharma H.K., Choudhury T., Tomar R., Patni J.C., Um J.-S.	An algorithmic approach for performance tuning of a relational database system using dynamic SGA parameters	Spatial Information Research	10.1007/s41324-021-00395-5	23663294
75	Tanwar R., Pilania U., Zamani M., Manaf A.A.	An analysis of 3D Steganography Techniques	Electronics (Switzerland)	10.3390/electronics10192357	20799292
76	Pandey, J; Kandpal, V; Nautiyal, N	An analysis of abnormal returns associated with stock split	Singapore Economic Review	10.1142/S0217590821500806	0217-5908
77	Ullah I., Alkhalifah A., Rehman S.U., Kumar N., Khan M.A.	An anonymous certificateless signcryption scheme for internet of health things	IEEE Access	10.1109/ACCESS.2021.3097403	21693536
78	Dewangan B.K., Venkatadri M., Agarwal A., Pasricha A., Choudhury T.	An automated self-healing cloud computing framework for resource scheduling	International Journal of Grid and High Performance Computing	10.4018/IJGHPC.2021010103	19380259
79	Sharma D.K., Goenka N.	An effective control of hello process for routing protocol in manets	International Journal of Computer Networks and Communications	10.5121/ijcnc.2021.13503	9752293
80	Sharma A., Sharma A., Averbukh M., Jately V., Azzopardi B.	An effective method for parameter estimation of a solar cell	Electronics (Switzerland)	10.3390/electronics10030312	20799292
81	Sharma A., Sharma A., Moshe A., Raj N., Pachauri R.K.	An effective method for parameter estimation of solar PV cell using grey-wolf optimization technique	International Journal of Mathematical, Engineering and Management Sciences	10.33889/ijmems.2021.6.3.054	24557749
82	Maity P., Saxena S., Srivastava S., Sahoo K.S., Pradhan A.K., Kumar N.	An effective probabilistic technique for DDoS detection in openflow controller	IEEE Systems Journal	10.1109/JSYST.2021.3110948	19328184

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83	Khan M.A., Ullah I., Kumar N., Oubbati O.S., Qureshi I.M., Noor F., Ullah Khanzada F.	An efficient and secure certificate-based access control and key agreement scheme for flying Ad-Hoc networks	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3055895	189545
84	Aggarwal, S; Kumar, N; Gope, P	An efficient blockchain-based authentication scheme for energy-trading in V2G networks	IEEE Transactions On Industrial Informatics	10.1109/TII.2020.3030949	1551-3203
85	Chhikara, P; Tekchandani, R; Kumar, N; Obaidat, MS	An efficient container management scheme for resource-Constrained intelligent IoT devices	IEEE Internet Of Things Journal	10.1109/JIOT.2020.3037181	2327-4662
86	Kumar S., Tiwari R.	An efficient content placement scheme based on normalized node degree in content centric networking	Cluster Computing	10.1007/s10586-020-03185-0	13867857
87	Budhiraja I., Kumar N., Tyagi S., Tanwar S., Han Z.	An energy efficient scheme for wpcn-noma based device-to-device communication	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3099527	189545
88	Prerna, D; Tekchandani, R; Kumar, N; Tanwar, S	An energy-efficient cache localization technique for d2d communication in iot environment	IEEE Internet Of Things Journal	10.1109/JIOT.2020.3029168	2327-4662
89	Singh, S; Nandan, AS; Malik, A; Kumar, N; Barnawi, A	An energy-efficient modified metaheuristic inspired algorithm for Disaster Management System using WSNs	IEEE Sensors Journal	10.1109/JSEN.2021.3074497	1530-437X
90	Chithaluru P., Kumar S., Singh A., Benslimane A., Jangir S.K.	An energy-efficient routing scheduling based on fuzzy ranking scheme for internet of things (IoT)	IEEE Internet of Things Journal	10.1109/JIOT.2021.3098430	23274662
91	Tiwari S.	An ensemble deep neural network model for onion-routed traffic detection to boost cloud security	International Journal of Grid and High Performance Computing	10.4018/IJGHPC.2021010101	19380259
92	Singh N.K., Singh Y., Sharma A., Singla A., Negi P.	An environmental-friendly electrical discharge machining using different sustainable techniques: a review	Advances in Materials and Processing Technologies	10.1080/2374068X.2020.1785210	2374068X
93	Badar H.M.S., Qadri S., Shamshad S., Ayub M.F., Mahmood K., Kumar N.	An identity based authentication protocol for smart grid environment using physical uncloneable function	IEEE Transactions on Smart Grid	10.1109/TSG.2021.3072244	19493053

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94	Kumar S., Singh M.K., Saini D.	An image watermarking framework based on PSO and FrQWT	Journal of Discrete Mathematical Sciences and Cryptography	10.1080/0972052 9.2021.1936901	9720529
95	Akhtar M., Panda B.P., Khan A.A.	An integrated fuzzy multi-criteria group decision-making approach for supplier evaluation and selection in Oil and Gas Industry	International Journal of Business Performance and Supply Chain Modelling	10.1504/IJBPSC M.2021.116213	17589401
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101	Nandan A.S., Singh S., Kumar R., Kumar N.	An optimized genetic algorithm for cluster head election based on movable sinks and adjustable sensing ranges in IoT based HWSNs	IEEE Internet of Things Journal	10.1109/JIOT.20 21.3107295	23274662
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105	Chakraborty S., Bhatt V., Chakravorty T., Chakraborty K.	Analysis of digital technologies as antecedent to care service transparency and orchestration	Technology in Society	10.1016/j.techsoc.2021.101568	0160791X
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112	Tiwari R.K., Chanda S., Udayabanu M., Singh M., Agarwal S.	Anti-inflammatory and anti-arthritic potential of standardized extract of clerodendrum serratum (L.) moon	Frontiers in Pharmacology	10.3389/fphar.2021.629607	16639812

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122	Faruque M.A., Rahman S., Chakraborty P., Choudhury T., Um J.-S., Singh T.P.	Ascertaining polarity of public opinions on Bangladesh cricket using machine learning techniques	Spatial Information Research	10.1007/s41324-021-00403-8	23663294

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130	Kumar A., Negi G., Pant S., Ram M., Dimri S.C.	Availability-cost optimization of butter oil processing system by using nature inspired optimization algorithms	Reliability: Theory and Applications	10.24412/1932-2321-2021-264-188-200	19322321
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135	Thakur S., Verma A., Raizada P., Gunduz O., Janas D., Alsanie W.F., Scarpa F., Thakur V.K.	Bentonite-based sodium alginate/ dextrin cross-linked poly (acrylic acid) hydrogel nanohybrids for facile removal of paraquat herbicide from aqueous solutions	Chemosphere	10.1016/j.chemosphere.2021.133002	456535
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142	Bose D., Santra M., Sanka R.V.S.P., Krishnakumar B.	Bioremediation analysis of sediment-microbial fuel cells for energy recovery from microbial activity in soil	International Journal of Energy Research	10.1002/er.6163	0363907X

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155	Gupta R., Nair A., Tanwar S., Kumar N.	Blockchain-assisted secure UAV communication in 6G environment: Architecture, opportunities, and challenges	IET Communications	10.1049/cmu2.12113	17518628
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160	Reebadiya D., Rathod T., Gupta R., Tanwar S., Kumar N.	Blockchain-based secure and intelligent sensing scheme for autonomous vehicles activity tracking beyond 5G networks	Peer-to-Peer Networking and Applications	10.1007/s12083-021-01073-x	19366442
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167	Singh Y., Singh N.K., Sharma A., Lila M.K., Singla A., Chinnasamy V.	Brucea javanica: A novel nonedible feedstock for bio-based lubricant application with the effect of ZrO2 nanoparticles	Environmental Progress and Sustainable Energy	10.1002/ep.13602	19447442
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181	Gupta H., Rai S.K., Kuchhal P., Anand G.	Characterization and experimental investigation of rheological behavior of oxide nanolubricants	Particulate Science and Technology	10.1080/02726351.2020.1792018	2726351
182	Havilah P.R., Sharma P.K., Sharma A.K.	Characterization, thermal and kinetic analysis of Pinusroxburghii	Environment, Development and Sustainability	10.1007/s10668-020-01001-8	1387585X
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186	Gunupuru, R; Mehrotra, A; Sairam, PS; Vyas, G; Pandey, JK; Sen, A	Chitosan matrix encapsulation of alpha-lipoic acid (LA) anchored gold nanoparticles: A combined experimental and theoretical study	CHEMISTRYSELECT	10.1002/slct.202102768	2365-6549

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189	Alshehri M., Bhardwaj A., Kumar M., Mishra S., Gyani J.	Cloud and IoT based smart architecture for desalination water treatment	Environmental Research	10.1016/j.envres.2021.110812	139351
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192	Danish M., Parthasarthy V., Al Mesfer M.K.	Co2 capture by low-cost date pits-based activated carbon and silica gel	Materials	10.3390/ma14143885	19961944
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196	Biswas B., Misra M., Bisht A.S., Kumar S.K., Kumaraswamy G.	Colloidal assembly by directional ice templating	Soft Matter	10.1039/d0sm02057e	1744683X
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198	Srivastava R., Sabitha S., Majumdar R., Choudhury T., Dewangan B.K.	Combating disaster prone zone by prioritizing attributes with hybrid clustering and ANP approach	Spatial Information Research	10.1007/s41324-020-00369-z	23663294

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200	Misra K.S.	Comment on "Emplacement history and evolution of the Deccan Volcanic Province, India" by Kale et al. (2020)	Episodes	10.18814/epiiugs/2020/020082	7053797
201	Peng, S; Zhao, L; Kumar, N	Comments on efficient public verification of data integrity for cloud storage systems from indistinguish-ability obfuscation	IEEE Transactions On Information Forensics And Security	10.1109/TIFS.2021.3102413	1556-6013
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309	Pannu A., Sharma P.C., Thakur V.K., Goyal R.K.	Emerging role of flavonoids as the treatment of depression	Biomolecules	10.3390/biom11121825	2218273X
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318	Aldawsari M.F., Anwer M.K., Ahmed M.M., Fatima F., Soliman G.A., Bhatia S., Zafar A., Aboudzadeh M.A.	Enhanced dissolution of sildenafil citrate using solid dispersion with hydrophilic polymers: Physicochemical characterization and in vivo sexual behavior studies in male rats	Polymers	10.3390/polym13 203512	20734360
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332	Danish M., Vijay P., Almesfer M.K.	Evaluating CO2 capture performance by adsorption using synthesized and commercial activated carbon	Separation Science and Technology (Philadelphia)	10.1080/01496395.2021.1986070	1496395
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341	Rajvanshi T., Shukla H., Sharma A.	Experimental analysis of al2o3/graphene nanoplatelets– kerosene nanofluids	Nanoscience and Technology	10.1615/NANOSCITECHNOLINTJ.2021035570	25724258
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350	Sharma G.D., Tiwari A.K., Erkut B., Mundi H.S.	Exploring the nexus between non-renewable and renewable energy consumptions and economic development: Evidence from panel estimations	Renewable and Sustainable Energy Reviews	10.1016/j.rser.2021.111152	13640321
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352	Mishra A., Kuchhal P., Nasim M., Sharma U.C.	Extraction and characterization of Sesbania cannabina (Retz.) Pers. (Dhaincha) seed oil for potential engineering applications	Journal of Oleo Science	10.5650/jos.ess20359	13458957
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366	Khan, MI; Hasan, PMZ; Danish, EY; Aslam, M; Kattayat, S; Kumar, S; Dalela, S; Ahmad, MA; Alvi, PA	Fine tunability of optical gain characteristics of InGaAs/GaAsS/InAlAs nano-heterostructure under combined effect of field and temperature	Superlattices And Microstructures	10.1016/j.spmi.2021.106982	0749-6036
367	Sumit; Shulka, R; Sinha, AK	Finite element method coupled with TLBO for shape control optimization of piezoelectric bimorph in COMSOL multiphysics	Simulation-Transactions Of The Society For Modeling And Simulation International	10.1177/00375497211025640	0037-5497

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373	Kumar S., Viral R., Deep V., Sharma P., Kumar M., Mahmud M., Stephan T.	Forecasting major impacts of COVID-19 pandemic on country-driven sectors: Challenges, lessons, and future roadmap	Personal and Ubiquitous Computing	10.1007/s00779-021-01530-7	16174909
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376	Kumar A., Bansal K., Kumar D., Devrari A., Kumar R., Mani P.	FPGA application for wireless monitoring in power plant	Nuclear Engineering and Technology	10.1016/j.net.2020.09.003	17385733
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391	Zhang P., Pang X., Kibalya G., Kumar N., He S., Zhao B.	GCMD: Genetic Correlation multi-domain virtual network embedding algorithm	IEEE Access	10.1109/ACCESS.2021.3076916	21693536
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393	Dhote P., Bhan U., Verma D.	Genetic model of carbonatite hosted rare earth elements mineralization from ambadongar carbonatite complex, deccan volcanic province, India	Ore Geology Reviews	10.1016/j.oregeorev.2021.104215	1691368
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395	Sharma N., Yadav S., Mangla M., Mohanty A., Satpathy S., Mohanty S.N., Choudhury T.	Geospatial multivariate analysis of COVID-19: a global perspective	GeoJournal	10.1007/s10708-021-10520-4	3432521
396	Kalra, S; Jain, S; Agarwal, A	Gesture controlled tactile augmented reality interface for the visually impaired	Journal of Information Technology Research	10.4018/JITR.2021040107	1938-7857
397	Kumar P., Garg V., Mittal S., Murthy Y.V.N.K.	GIS-based hazard and vulnerability assessment of a torrential watershed	Environment, Development and Sustainability	10.1007/s10668-021-01476-z	1387585X
398	Rastogi P., Khanna K., Singh V.	Gland segmentation in colorectal cancer histopathological images using U-net inspired convolutional network	Neural Computing and Applications	10.1007/s00521-021-06687-z	9410643
399	Kalita P., Ghosh S., Gutierrez G., Rajput P., Grover V., Sattonnay G., Avasthi D.K.	Grain size effect on the radiation damage tolerance of cubic zirconia against simultaneous low and high energy heavy ions: Nano triumphs bulk	Scientific Reports	10.1038/s41598-021-90214-6	20452322

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401	Jaiswal A., Kumar S., Kaiwartya O., Prasad M., Kumar N., Song H.	Green computing in IoT: Time slotted simultaneous wireless information and power transfer	Computer Communications	10.1016/j.comcom.2020.12.024	1403664
402	Arora S., Latwal M., Bahukhandi K.D., Kumar D., Vemulapalli T., Egutoori S., Siddiqui N.A.	Greener approach to metallic nanoparticles: A review	Nature Environment and Pollution Technology	10.46488/NEPT.2021.v20i02.004	9726268
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404	Shaalan N.M., Saber O., Ahmed F., Aljaafari A., Kumar S.	Growth of defect-induced carbon nanotubes for low-temperature fruit monitoring sensor	Chemosensors	10.3390/chemosensors9060131	22279040
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409	Donga R.K.	Heat transfer enhancement in absorber tube of parabolic trough solar collector using longitudinal curved fins	JP Journal of Heat and Mass Transfer	10.17654/HM022010021	9735763
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412	Lupan O., Ababii N., Mishra A.K., Bodduluri M.T., Magariu N., Vahl A., Krüger H., Wagner B., Faupel F., Adelung R., de Leeuw N.H., Hansen S.	Heterostructure-based devices with enhanced humidity stability for H2 gas sensing applications in breath tests and portable batteries	Sensors and Actuators, A: Physical	10.1016/j.sna.2021.112804	9244247
413	Gupta D., Chauhan V., Koratkar N., Singh F., Kumar A., Kumar S., Kumar R.	High energy (MeV) ion beam induced modifications in Al2O3-ZnO multilayers thin films grown by ALD and enhancement in photoluminescence, optical and structural properties	Vacuum	10.1016/j.vacuum.2021.110435	0042207X
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416	Sezen S., Thakur V.K., Ozmen M.M.	Highly effective covalently crosslinked composite alginate cryogels for cationic dye removal	Gels	10.3390/gels7040178	23102861
417	Goswami T., Bheemaraju A., Kataria A., Nag A., Sravani K., Mishra S., Mishra A.K.	Highly fluorescent water-soluble PTCA incorporated silver nano-cluster for sensing of dopamine	Materials Chemistry and Physics	10.1016/j.matchemphys.2020.124086	2540584
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421	Singh A.K., Chugh B., Singh M., Thakur S., Pani B., Guo L., Kaya S., Serdaroglu G.	Hydroxy phenyl hydrazides and their role as corrosion impeding agent: A detail experimental and theoretical study	Journal of Molecular Liquids	10.1016/j.molliq.2021.115605	1677322
422	Bhardwaj A., Kumar M., Stephan T., Shankar A., Ghalib M.R., Abujar S.	IAF: IoT attack framework and unique taxonomy	Journal of Circuits, Systems and Computers	10.1142/S0218126622500293	2181266
423	Rani A., Jain A., Kumar M.	Identification of copy-move and splicing based forgeries using advanced SURF and revised template matching	Multimedia Tools and Applications	10.1007/s11042-021-10810-6	13807501
424	Nandi S.K., Singh D., Upadhay J., Gupta N., Dhiman N., Mittal S.K., Mahindroo N.	Identification of tear-based protein and non-protein biomarkers: Its application in diagnosis of human diseases using biosensors	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2021.10.198	1418130
425	Jayaswal V., Gairola G.S., Chandrasekhar E.	Identification of the typical frequency range associated with subsurface gas zones: a study using Hilbert-Huang transform and wavelet analysis	Arabian Journal of Geosciences	10.1007/s12517-021-06606-5	18667511
426	Aggarwal A., Dimri P., Agarwal A., Verma M., Alhumyani H.A., Masud M.	IFFO: An improved fruit fly optimization algorithm for multiple workflow scheduling minimizing cost and makespan in cloud computing environments	Mathematical Problems in Engineering	10.1155/2021/5205530	1024123X
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428	Aggarwal A., Kumar M.	Image surface texture analysis and classification using deep learning	Multimedia Tools and Applications	10.1007/s11042-020-09520-2	13807501
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431	Mundi H.S.	Impact of CEO Overconfidence on capital structure decisions: Evidence from S&P BSE 200	Vision	10.1177/0972262921998837	9722629
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433	Akhter M.H., Khalilullah H., Gupta M., Alfaleh M.A., Alhakamy N.A., Riadi Y., Md S.	Impact of protein corona on the biological identity of nanomedicine: Understanding the fate of nanomaterials in the biological milieu	Biomedicines	10.3390/biomedicines9101496	22279059
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437	Pachauri R.K.	Imperative role of optimization techniques to reconfigure solar photovoltaic array systems to diminish shading effects	International Journal of Circuit Theory and Applications	10.1002/cta.3152	989886

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439	Kumara B.A., Kodabagi M.M., Choudhury T., Um J.-S.	Improved email classification through enhanced data preprocessing approach	Spatial Information Research	10.1007/s41324-020-00378-y	23663294
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441	Kumar K., Goyat M.S., Solanki A., Kumar A., Kant R., Ghosh P.K.	Improved mechanical performance and unique toughening mechanisms of UDM processed epoxy-SiO2 nanocomposites	Polymer Composites	10.1002/pc.26280	2728397
442	Kadyan V., Bawa P., Hasija T.	In domain training data augmentation on noise robust Punjabi children speech recognition	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-03468-3	18685137
443	Pandey, N; Gupta, M; Phase, DM; Gupta, A	In situ N K-edge XANES study of iron, cobalt and nickel nitride thin films	Journal of Synchrotron Radiation	10.1107/S1600577521006822	1600-5775
444	Upadhyay G., Tiwari N., Maurya H., Upadhyay J., Joshi R., Ansari M.N.	In vivo wound-healing and antioxidant activity of aqueous extract of Roylea elegans leaves against physically induced burn model in Wistar albino rats	3 Biotech	10.1007/s13205-021-02993-4	2190572X
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446	Tewari B.S., Ahlawat M., Dhyani A., Ajay	Influence of pseudo-gap and interlayer coupling on isotope effect in bilayer cuprate superconductors	Physica C: Superconductivity and its Applications	10.1016/j.physc.2021.1353895	9214534
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449	Hothi N., Bisht S.	Insight of the relation between Regge theory and Hadron dynamics	Indian Journal of Physics	10.1007/s12648-020-01938-6	9731458
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451	de Sousa P.H.F., Almeida J.S., Ohata E.F., Nogueira F.G., Torrico B.C., de Albuquerque V.H.C., Hassan M.M., Kumar N., Hassan M.R., Filho P.P.R.	Intelligent 3D objects classification for vehicular ad hoc network based on lidar and deep learning approaches	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2021.3119132	15249050
452	Janarthanan R., Maheshwari R.U., Shukla P.K., Shukla P.K., Mirjalili S., Kumar M.	Intelligent detection of the pv faults based on artificial neural network and type 2 fuzzy systems	Energies	10.3390/en14206584	19961073
453	Chhabra M., Shukla M.K., Ravulakollu K.K.	Intelligent optimization of latent fingerprint image segmentation using stacked convolutional autoencoder	International Journal of Performability Engineering	10.23940/ijpe.21.04.p6.379393	9731318
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457	Kalsoom A., Shankar A.N., Kakaravada I., Jindal P., Lakshmi V.V.K., Rajeshkumar S.	Investigation of dynamic properties of a three-dimensional printed thermoplastic composite beam containing controllable core under non-uniform magnetic fields	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	10.1177/14644207211045943	14644207

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459	Bhurat S., Pandey S., Chintala V., Jaiswal M., Kumar A.	Investigation of partially pre-mixed charge compression ignition engine characteristics implemented with toroidal combustion chamber and exhaust gas recirculation	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/1556703 6.2021.1909675	15567036
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461	Kakde A., Sharma D., Kaushik B., Arora N.	Investigation of solar flare classification to identify optimal performance	Electronic Letters on Computer Vision and Image Analysis	10.5565/rev/elcvi a.1274	15775097
462	Jafri Y., Singh S., Gupta S., Fukuma Y., Sharma K., Gupta M., Reddy V.R., Sharma G., Gupta A.	Investigation of structural, magnetic and electronic properties of FeTa films for varying Ta concentration at different annealing temperatures	Journal of Magnetism and Magnetic Materials	10.1016/j.jmmm. 2021.168306	3048853
463	Yoon K., Li J., Shao S., Karn A., Hong J.	Investigation of ventilation demand variation in unsteady supercavitation	Experimental Thermal and Fluid Science	10.1016/j.expther mflusci.2021.110 472	8941777
464	Kumar R., Thakur A.K., Banerjee N., Chaudhari P.	Investigation on crystallization phenomena with supercritical Carbon Dioxide (CO^2) as the antisolvent	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2020-0189	15426580
465	Bai J., Sun L., Pachauri R.K., Wang G.	Investigation on photovoltaic array modeling and the MPPT control method under partial shading conditions	International Journal of Photoenergy	10.1155/2021/88 13717	1110662X
466	Arun Negemiya A., Shankar A.N., Guruprasad B., Prakash B., Dineshkumar S., Batu A., Rajakumar S.	Investigation on processing maps of diffusion bonding process parameters for Ti-6Al-4 V/AISI304 dissimilar joints	Advances in Materials Science and Engineering	10.1155/2021/56 01970	16878434
467	Sivaraman S., Varadharajan S.	Investigative consequence analysis: A case study research of beirut explosion accident	Journal of Loss Prevention in the Process Industries	10.1016/j.jlp.202 0.104387	9504230

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470	Aswani R., Sajith S., Bhat M.Y.	Is geopolitics a threat for offshore wind energy? A case of indian ocean region	Environmental Science and Pollution Research	10.1007/s11356-021-12779-z	9441344
471	Peng K., Nie J., Kumar N., Cai C., Kang J., Xiong Z., Zhang Y.	Joint optimization of service chain caching and task offloading in mobile edge computing	Applied Soft Computing	10.1016/j.asoc.2021.107142	15684946
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477	Goyal L., Sharma C.M., Singh A., Singh P.K.	Leaf and spike wheat disease detection & classification using an improved deep convolutional architecture	Informatics in Medicine Unlocked	10.1016/j.imu.2021.100642	23529148

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479	Beluns S., Platnieks O., Gaidukovs S., Starkova O., Sabalina A., Grase L., Thakur V.K., Gaidukova G.	Lignin and Xylan as interface engineering additives for improved environmental durability of sustainable cellulose nanopapers	International Journal of Molecular Sciences	10.3390/ijms222312939	16616596
480	Behl T., Kumar S., Sehgal A., Singh S., Sharma N., Chirgurupati S., Aldubayan M., Alhowail A., Bhatia S., Bungau S.	Linking COVID-19 and Parkinson's disease: Targeting the role of Vitamin-D	Biochemical and Biophysical Research Communications	10.1016/j.bbrc.2021.10.042	0006291X
481	Kommoji S., Gopinath M., Satya Sagar P., Yuvaraj D., Iyyappan J., Jaya Varsha A., Sunil V.	Lipid bioproduction from delignified native grass (Cyperus distans) hydrolysate by Yarrowia lipolytica	Bioresource Technology	10.1016/j.biortech.2020.124659	9608524
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483	Kaur M., Singh K., Chauhan I., Singh H., Sharma R.K., Vij A., Thakur A., Kumar A.	Low temperature carrier transport mechanism and photo-conductivity of WSe2	Journal of Alloys and Compounds	10.1016/j.jallcom.2021.159369	9258388
484	Sharma A., Jain A., Gupta P., Chowdary V.	Machine learning applications for precision agriculture: A Comprehensive Review	IEEE Access	10.1109/ACCESS.2020.3048415	21693536
485	Sharma H.K., Choudhury T., Kandwal A.	Machine learning based analytical approach for geographical analysis and prediction of Boston City crime using geospatial dataset	GeoJournal	10.1007/s10708-021-10485-4	3432521
486	Kainthura P., Sharma N.	Machine learning driven landslide susceptibility prediction for the Uttarkashi region of Uttarakhand in India	Georisk	10.1080/17499518.2021.1957484	17499518
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490	Wani M.A., Garg P., Roy K.K.	Machine learning-enabled predictive modeling to precisely identify the antimicrobial peptides	Medical and Biological Engineering and Computing	10.1007/s11517-021-02443-6	1400118
491	Khare S.K.	Machine vision for drill string slip status detection	Petroleum Research	10.1016/j.ptlrs.2021.08.001	20962495
492	Agarwal S.	Major factors affecting the characteristics of starch based biopolymer films	European Polymer Journal	10.1016/j.eurpolymj.2021.110788	143057
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496	Bhandari, A	Mathematical modelling of water-based Fe3o4 nanofluid due to rotating disc and comparison with similarity solution	ACTA MECHANICA ET AUTOMATICA	10.2478/ama-2021-0016	1898-4088
497	Kansal I., Pachauri R.	Mathematical puzzle based PV array configuration for GMP enhancement under non-uniform irradiation	EAI Endorsed Transactions on Energy Web	10.4108/eai.1-7-2020.165915	16155548
498	Sharma A., Gowri R., Chowdary V., Sharma A., Jately V.	Maximum likelihood direction of arrival estimation using chicken swarm optimization algorithm	International Journal of Mathematical, Engineering and Management Sciences	10.33889/IJMEMS.2021.6.2.038	24557749

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500	Singh A., Behl T., Sehgal A., Singh S., Sharma N., Naved T., Bhatia S., Al-Harrasi A., Chakrabarti P., Aleya L., Vargas-De-La-Cruz C., Bungau S.	Mechanistic insights into the role of B cells in rheumatoid arthritis	International Immunopharmacology	10.1016/j.intimp.2021.108078	15675769
501	Nitika, Gupta S., Dixit S.K., Sharma A., Vij A., Bhatnagar C., Kumari A., Kumar V., Bahal B.M., Sharma R.K., Bhatnagar P.K.	Mechanistic insights on improved performance of PCDTBT:PC71BM hetero-structured organic photovoltaic cells via interfacing CdSe/ZnS nanostructures	Applied Nanoscience (Switzerland)	10.1007/s13204-021-01789-5	21905509
502	Prasher P., Sharma M.	Medicinal chemistry of anthranilic acid derivatives: A mini review	Drug Development Research	10.1002/ddr.21842	2724391
503	Prasher P., Sharma M.	Medicinal chemistry of indane and its analogues: A mini review	ChemistrySelect	10.1002/slct.202100177	23656549
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505	Singh H., Tyagi S., Kumar P., Gill S.S., Buyya R.	Metaheuristics for scheduling of heterogeneous tasks in cloud computing environments: Analysis, performance evaluation, and future directions	Simulation Modelling Practice and Theory	10.1016/j.simpat.2021.102353	1569190X
506	Kumar D.	Meteorological barriers to bike rental demands: A case of Washington D.C. using NCA approach	Case Studies on Transport Policy	10.1016/j.cstp.2021.04.002	2213624X
507	Raghav G., Sharma P.K., Kumar S., Maithani R.	Method of research for solar cookers performance characteristics-Analysis and comparison	Acta Innovations	10.32933/ActaInnovations.39.6	23005599
508	Singla A., Singh N.K., Singh Y., Jangir D.K.	Micro and nano-crystalline diamond coatings of co-cemented tungsten carbide tools with their characterization	Journal of Bio- and Tribo-Corrosion	10.1007/s40735-020-00470-8	21984220
509	Verma S., Bhatt P., Verma A., Mudila H., Prasher P., Rene E.R.	Microbial technologies for heavy metal remediation: effect of process conditions and current practices	Clean Technologies and Environmental Policy	10.1007/s10098-021-02029-8	1618954X

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511	Ahmed F., Alomar S.Y., Albalawi F., Arshi N., Dwivedi S., Kumar S., Shaalan N.M., Ahmad N.	Microwave mediated fast synthesis of silver nanoparticles and investigation of their antibacterial activities for gram-positive and gram-negative microorganisms	Crystals	10.3390/cryst11060666	20734352
512	Alnuqaydan, AM; Almutary, AG; Sukamaran, A; Yang, BTW; Lee, XT; Lim, WX; Ng, YM; Ibrahim, R; Darmarajan, T; Nanjappan, S; Chellian, J; Candasamy, M; Madheswaran, T; Sharma, A; Dureja, H; Prasher, P; Verma, N; Kumar, D; Palaniveloo, K; Bisht, D; Gupta, G; Madan, JR; Singh, SK; Jha, NK; Dua, K; Chellappan, DK	Middle East Respiratory Syndrome (MERS) virus-pathophysiological axis and the current treatment strategies	Aaps Pharmscitech	10.1208/s12249-021-02062-2	1530-9932
513	Kandpal D., Dhingra T.	Migrating to reverse Auction mechanisms in wind energy sector: Status and challenges	Energy Policy	10.1016/j.enpol.2021.112352	3014215
514	Kumar S., Tiwari R., Kozlov S., Rodrigues J.J.P.C.	Minimizing delay in content-centric networks using heuristics-based in-network caching	Cluster Computing	10.1007/s10586-021-03405-1	13867857
515	Hassanin M., Radwan I., Moustafa N., Tahtali M., Kumar N.	Mitigating the impact of adversarial attacks in very deep networks	Applied Soft Computing	10.1016/j.asoc.2021.107231	15684946
516	Bhardwaj A., Bhushan B.	Model to enhance security posture of IoT devices and components with private APN	International Journal of Intelligent Systems Technologies and Applications	10.1504/IJISTA.2021.114645	17408865
517	Raheja S., Obaidat M.S., Sadoun B., Malik S., Rani A., Kumar M., Stephan T.	Modeling and simulation of urban air quality with a 2-phase assessment technique	Simulation Modelling Practice and Theory	10.1016/j.simpat.2021.102281	1569190X
518	Anand G., Putier M., James A.R., Sarah P.	Modeling of dielectric data of mechanically milled strontium calcium bismuth titanate using modified Lorentz equations	Ferroelectrics	10.1080/00150193.2020.1839258	150193

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520	Goswami A.	Modelling NPLs and identifying convergence phenomenon of banks: A case of pre-during and immediate after the crisis years in India	Journal of Financial Regulation and Compliance	10.1108/JFRC-09-2020-0083	13581988
521	Pathak M., Joshi P.	Modified iteration method for numerical solution of nonlinear differential equations arising in science and engineering	Asian-European Journal of Mathematics	10.1142/S1793355 7121501515	17935571
522	Savita; Jain, M; Manju; Kumar Sinha, A; Singh, F; Vij, A; Thakur, A	Modulation of radiative defects in MgAl2O4 nanocrystals probed using NMR, ESR, and PL spectroscopies	Journal of applied physics	10.1063/5.00453 85	0021-8979
523	Chigurupati S., Alharbi F.S., Almahmoud S., Aldubayan M., Almoshari Y., Vijayabalan S., Bhatia S., Chinnam S., Venugopal V.	Molecular docking of phenolic compounds and screening of antioxidant and antidiabetic potential of Olea europaea L. Ethanolic leaves extract	Arabian Journal of Chemistry	10.1016/j.arabjc.2021.103422	18785352
524	Singh J., Singh K., Kaur M., Sharma R.K., Vij A., Kumar A.	MoS2/FeS2 nanocomposite thin film: Structural, morphological, compositional, electrical and photodetection properties	Chemical Physics Letters	10.1016/j.cplett.2 021.139047	92614
525	Chithaluru P., AL-Turjman F., Kumar M., Stephan T.	MTCEE-LLN: Multi-layer threshold cluster-based energy efficient low power and lossy networks for industrial internet of things	IEEE Internet of Things Journal	10.1109/JIOT.20 21.3107538	23274662
526	Rajput P.K., Sikka G.	Multi-agent architecture for fault recovery in self-healing systems	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-02443-8	18685137
527	Sivaraman S., Arun P.A., Tauseef S.M.	Multi-criterion-based qualitative comparative analysis of root cause methods: Application to deepwater horizon oil spill	Journal of Failure Analysis and Prevention	10.1007/s11668-021-01212-9	15477029
528	Bhat S., Koundal D.	Multi-focus image fusion techniques: A survey	Artificial Intelligence Review	10.1007/s10462-021-09961-7	2692821
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531	Das, K; Sardar, SK; Ghosal, A; Saito-Nakano, Y; Dutta, S; Nozaki, T; Ganguly, S	Multilocus Sequence Typing (MLST) of Entamoeba histolytica identifies kerp2 as a genetic marker associated with disease outcomes	Parasitology International	10.1016/j.parint.2021.102370	1383-5769
532	Thakur A.K., Gupta S.K., Kumar R., Banerjee N., Chaudhari P.	Multi-objective optimization of an industrial slurry phase ethylene polymerization reactor	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2021-0196	15426580
533	Ragunath S., Shankar A.N., Meena K., Guruprasad B., Madhu S., Rakesh N., Hariprabhu M., Balamuralitharan S., Daniel N.	Multi-objective optimization of mechanical properties on sisal-glass fiber-reinforced hybrid composites using response surface methodology and LINGO analysis	Advances in Materials Science and Engineering	10.1155/2021/2376148	16878434
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535	Kala S., Devaraju J., De S., Rasheed M.A.	Multiproxy geochemical characterization of Kommugudem Formation, Krishna Godavari Basin, India: Implication on hydrocarbon potential and shale brittleness	Geological Journal	10.1002/gj.4346	721050
536	Jain S., Kumar S., Lamba B.Y., Patra J., Mahindroo N.	Nanocatalysts: Applications in synthesis of chalcones–a review	Synthetic Communications	10.1080/00397911.2020.1817941	397911
537	Barani M., Zeeshan M., Kalantar-Neyestanaki D., Farooq M.A., Rahdar A., Jha N.K., Sargazi S., Gupta P.K., Thakur V.K.	Nanomaterials in the management of gram-negative bacterial infections	Nanomaterials	10.3390/nano11102535	20794991
538	Prasher P., Sharma M.	Nanotechnology-based self-sterilizing surfaces and their potential in combating COVID-19	Nanomedicine	10.2217/nnm-2021-0079	17435889
539	Kumar R., Divyanshu, Kumar A.	Nature based self-learning mechanism and simulation of automatic control smart hybrid antilock braking system	Wireless Personal Communications	10.1007/s11277-020-07853-7	9296212

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541	Sharma M.K., Sarswat M., Arora S., Kumar S., Shuaib M., Majeed I., Asnain M.S., Singh B.P., Prasad R., Sharma V.R., Yadav A., Singh P.P., Singh D.P.	New experimental approach for developing a mass-energy systematics for precompound emission	Physical Review C	10.1103/PhysRevC.104.L031601	24699985
542	Kerbib, W; Singh, S; Nautiyal, D; Kumar, A; Kumar, S	Ni(II) complexes of tripodal N4 ligands as catalysts for alkane hydroxylation and O-arylation of phenol: Structural and reactivity effects induced by fluoro substitution	Inorganica Chimica Acta	10.1016/j.ica.2020.120191	0020-1693
543	Hwang Y.S., Roh J.W., Suh D., Otto M.-O., Schlueter S., Choudhury T., Huh J.-S., Um J.-S.	No evidence for global decrease in CO_2 concentration during the first wave of COVID-19 pandemic	Environmental Monitoring and Assessment	10.1007/s10661-021-09541-w	1676369
544	Bawa P., Kadyan V.	Noise robust in-domain children speech enhancement for automatic Punjabi recognition system under mismatched conditions	Applied Acoustics	10.1016/j.apacoust.2020.107810	0003682X
545	Yadav J., Kurre S.K., Kumar A., Kumar R.	Nonlinear dynamics of controlled release mechanism under boundary friction	Results in Engineering	10.1016/j.rineng.2021.100265	25901230
546	Nautiyal N., Kandpal V.	Nonlinearity between economic indicators and indian capital market	FIIB Business Review	10.1177/23197145211035483	23197145
547	Goenka N., Tiwari S., Yadav D.	No-reference image blur detection scheme using fuzzy inference	Advances in Mathematics: Scientific Journal	10.37418/amsj.10.3.7	18578365
548	Jain A., Ghosh A.	Novel insights into data mining to improve the specificity of pharmacovigilance and prevent adverse drug reactions in psychiatric patients	Asia Pacific Journal of Health Management	10.24083/apjhm.v16i3.985	22043136

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549	Teja P.N.S., Gugulothu S.K., Sastry G.R., Burra B., Bhurat S.S.	Numerical analysis of nanomaterial-based sustainable latent heat thermal energy storage system by improving thermal characteristics of phase change material	Environmental Science and Pollution Research	10.1007/s11356-021-15485-y	9441344
550	Marcot Q., Kunwer R.	Numerical analysis of phase change material (PCM) for concentrated solar power (CSP) application	International Journal of Ambient Energy	10.1080/01430750.2019.1611633	1430750
551	Yadav R., Bodavula A.	Numerical investigation of the effect of triangular cavity on the unsteady aerodynamics of NACA 0012 at a low Reynolds number	Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering	10.1177/09544100211027042	9544100
552	Balan A.S.S., Kannan C., Jain K., Chakraborty S., Joshi S., Rawat K., Alsanie W.F., Thakur V.K.	Numerical modelling and analytical comparison of delamination during cryogenic drilling of CFRP	Polymers	10.3390/polym13223995	20734360
553	Bhandari A.	Numerical study of time-dependent ferrofluid flow past a cylinder in the presence of stationary magnetic field	SN Applied Sciences	10.1007/s42452-020-04047-5	25233971
554	Nandan A., Siddiqui N.A., Singh C., Aeri A	Occupational and environmental impacts of indoor air pollutant for different occupancy: A review	Toxicology and Environmental Health Sciences	10.1007/s13530-021-00102-9	20059752
555	Karn A., Ambs J., Deo S.S., Vyas A., Dwivedi A., Kumar A.	On the enormous enhancement in water evaporation rates obtained by employing a different polar ambient	Heat Transfer	10.1002/htj.22230	26884534
556	Gupta K., Sharma P., Sharma A.	On the genealogy of knowledge management & automated systems in engine manufacturing industry & perception of BS III and BS IV heavy vehicle drivers in Pune, Maharashtra: A qualitative study	Journal of Statistics Applications and Probability	10.18576/JSAP/100106	20908423
557	Rao T.N., Krishnarao N., Ahmed F., Alomar S.Y., Albalawi F., Mani P., Aljaafari A., Parvatamma B., Arshi N., Kumar S.	One-pot synthesis of 7, 7-dimethyl-4-phenyl-2-thioxo-2,3,4,6,7, 8-hexahydro-1H-quinazoline-5-onesusing zinc ferrite nanocatalyst and its bio evaluation	Catalysts	10.3390/catal11040431	20734344

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559	Sharma A., Sharma A., Dasgotra A., Jately V., Ram M., Rajput S., Averbukh M., Azzopardi B.	Opposition-based tunicate swarm algorithm for parameter optimization of solar cells	IEEE Access	10.1109/ACCESS.2021.3110849	21693536
560	Dhyani, A; Bhatia, KS; Sharma, S; Tewari, BS; Mandal, P	Optical transmission through MDM plasmonic tri-layer consisting of T and L shape periodic structures	Journal of Taibah University for Science	10.1080/16583655.2021.1990824	1658-3655
561	Arya A.K.	Optimal operation of a multi-distribution natural gas pipeline grid: An ant colony approach	Journal of Petroleum Exploration and Production Technology	10.1007/s13202-021-01266-3	21900558
562	Negi G., Kumar A., Pant S., Ram M.	Optimization of complex system reliability using hybrid grey wolf optimizer	Decision Making: Applications in Management and Engineering	10.31181/dmame210402241n	25606018
563	Kumar S., Tiwari R.	Optimization of content-centric networking based IoT systems using partitioning-heuristics in-network caching	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-03538-6	18685137
564	Bhandari A., Husain A.	Optimization of heat transfer properties on ferrofluid flow over a stretching sheet in the presence of static magnetic field	Journal of Thermal Analysis and Calorimetry	10.1007/s10973-020-09636-5	13886150
565	Kumar D., Kuchhal P., Parmar K.S.	Optimization of photovoltaic conversion performance of a TiO2 based dye sensitized solar cells (DSSCs)	Engineering Research Express	10.1088/2631-8695/ac372e	26318695
566	Kumar A., Vohra M., Pant S., Singh S.K.	Optimization techniques for petroleum engineering: A brief review	International Journal of Modelling and Simulation	10.1080/02286203.2021.1983074	2286203
567	Ahuja S.K., Shukla M.K., Ravulakollu K.K.	Optimized deep learning framework for detecting pitting corrosion based on image segmentation	International Journal of Performability Engineering	10.23940/ijpe.21.07.p7.627637	9731318
568	Singla R., Kaur N., Koundal D., Lashari S.A., Bhatia S., Rahmani M.K.I.	Optimized energy efficient secure routing protocol for wireless body area network	IEEE Access	10.1109/ACCESS.2021.3105600	21693536

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570	Gulati N., Kumar Chellappan D., M. Tambuwala M., A. A. Aljabali A., Prasher P., Kumar Singh S., Anand K., Sharma A., Kumar Jha N., Gupta G., Dua K., Dureja H.	Oral nanoemulsion of fenofibrate: Formulation, characterization, and in vitro drug release studies	Assay and Drug Development Technologies	10.1089/adt.2021.012	1540658X
571	Raja M., Asthana G., Singh A., Singhal A., Lakra P.	Orbit design and trajectory analysis of satellite in low earth orbit	INCAS Bulletin	10.13111/2066-8201.2021.13.1.17	20668201
572	Kala S., Devaraju J., Tiwari D.M., Rasheed M.A., Lakhan N.	Organic petrology and geochemistry of early Permian shales from the Krishna-Godavari Basin, India: Implications for Gondwana palaeoenvironment and climate	Geological Journal	10.1002/gj.4262	721050
573	Khan A., Ahmad A., Shireen S.	Ownership and performance of microfinance institutions: Empirical evidences from India	Cogent Economics and Finance	10.1080/23322039.2021.1930653	23322039
574	Sharma A., Dasgotra A., Tiwari S.K., Sharma A., Jately V., Azzopardi B.	Parameter extraction of photovoltaic module using tunicate swarm algorithm	Electronics (Switzerland)	10.3390/electronics10080878	20799292
575	Tao Y., Bai J., Pachauri R.K., Wang Y., Li J., Attaher H.K.	Parameterizing mismatch loss in bifacial photovoltaic modules with global deployment: A comprehensive study	Applied Energy	10.1016/j.apenergy.2021.117636	3062619
576	Kumar R., Thakur A.K., Chaudhari P., Banerjee N.	Particle size reduction techniques of pharmaceutical compounds for the enhancement of their dissolution rate and bioavailability	Journal of Pharmaceutical Innovation	10.1007/s12247-020-09530-5	18725120
577	Sharma A., Shoval S., Sharma A., Pandey J.K.	Path planning for multiple targets interception by the swarm of uavs based on swarm intelligence algorithms: A review	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	10.1080/02564602.2021.1894250	2564602
578	Bhardwaj A., Shah S.B.H., Shankar A., Alazab M., Kumar M., Gadekallu T.R.	Penetration testing framework for smart contract Blockchain	Peer-to-Peer Networking and Applications	10.1007/s12083-020-00991-6	19366442

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581	Chithaluru P., Tiwari R., Kumar K.	Performance analysis of energy efficient opportunistic routing protocols in wireless sensor network	International Journal of Sensors, Wireless Communications and Control	10.2174/2210327909666191026092311	22103279
582	Punia S.K., Kumar M., Stephan T., Deverajan G.G., Patan R.	Performance analysis of machine learning algorithms for big data classification: Ml and ai-based algorithms for big data analysis	International Journal of E-Health and Medical Communications	10.4018/IJEHMC.20210701.oa4	1947315X
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585	Khanduri H., Khan S.A., Dimri M.C., Link J., Stern R., Sulania I., Avasthi D.K.	Perpendicularly magnetized ferromagnetism in Mn/Al bilayer thin films on Si substrates induced by temperature dependent ion beam mixing	Physica Scripta	10.1088/1402-4896/ac119b	318949
586	Goswami, T; Bheemaraju, A; Sharma, AK; Bhandari, S	Perylenetetracarboxylic acid-incorporated silver nanocluster for cost-effective visible-light-driven photocatalysis and catalytic reduction	Colloid and Polymer Science	10.1007/s00396-021-04813-w	0303-402X
587	Raja G., Suresh S., Anbalagan S., Ganapathisubramaniyan A., Kumar N.	PFIN: An efficient particle filter-based indoor navigation framework for UAVs	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3072727	189545
588	Tiwari S., Jain A., Sharma A.K., Mohamad Almustafa K.	Phonocardiogram signal based multi-class cardiac diagnostic decision support system	IEEE Access	10.1109/ACCESS.2021.3103316	21693536

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590	Anand H., Singh B.K.	Piezoelectric energy generation in India: An empirical investigation	Energy Harvesting and Systems	10.1515/ehs-2020-0002	23298774
591	Padgelwar S., Nandan A., Mishra A.K.	Plastic waste management and current scenario in India: a review	International Journal of Environmental Analytical Chemistry	10.1080/0306731 9.2019.1686496	3067319
592	Sood, K; Karmakar, KK; Varadharajen, V; Kumar, N; Xiang, Y; Yu, S	Plug-in over Plug-in Evaluation in Heterogeneous 5G Enabled Networks and Beyond	IEEE Network	10.1109/MNET.0 11.2000390	0890-8044
593	Mandal P.	Polarization insensitive plasmonic stacked multilayer metasurface with deep nanohole cavity as multi-band absorber	Optik	10.1016/j.ijleo.20 21.166959	304026
594	Chawla P., Najda A., Bains A., Nurzyńska-Wierdak R., Kaushik R., Tosif M.M.	Potential of gum arabic functionalized iron hydroxide nanoparticles embedded cellulose paper for packaging of paneer	Nanomaterials	10.3390/nano110 51308	20794991
595	Pachauri R.K., Kansal I., Babu T.S., Alhelou H.H.	Power losses reduction of solar PV Systems under partial shading conditions using re-allocation of PV module-fixed electrical connections	IEEE Access	10.1109/ACCES S.2021.3093954	21693536
596	Arora A.K., Kumar P.	Prebiotic studies on the interaction of zirconia nanoparticles and ribose nucleotides and their role in chemical evolution	International Journal of Astrobiology	10.1017/S147355 0421000033	14735504
597	Chowdary V., Mondal A.K., Sharma A., Capoor S.	Pre-deployment strategy for maximizing barrier coverage in wireless sensor network	International Journal of Sensors, Wireless Communications and Control	10.2174/2210327 91099920060623 0721	22103279
598	Pati S., Shahimi S., Nandi D., Sarkar T., Acharya S.N., Sheikh H.I., Acharya D.K., Choudhury T., John B.A., Nelson B.R., Dash B.P., Edinur H.A.	Predicting Tachypleus gigas spawning distribution with climate change in northeast coast of India	Journal of Ecological Engineering	10.12911/229989 93/131244	22998993

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600	Banerjee N.	Predictive model development and simulation of photobioreactors for algal biomass growth estimation	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2020-0218	15426580
601	Alasseri R., Rao T.J., Sreekanth K.J.	Pre-implementation assessment for introducing direct load control strategies in the residential electricity sector	International Journal of Energy and Environmental Engineering	10.1007/s40095-020-00378-6	20089163
602	Arpitha G.R., Verma A., Sanjay M.R., Siengchin S.	Preparation and experimental investigation on mechanical and tribological performance of hemp-glass fiber reinforced laminated composites for lightweight applications	Advances in Civil Engineering Materials	10.1520/ACEM20200187	23791357
603	Aggarwal A., Alshehri M., Kumar M., Sharma P., Alfarraj O., Deep V.	Principal component analysis, hidden Markov model, and artificial neural network inspired techniques to recognize faces	Concurrency and Computation: Practice and Experience	10.1002/cpe.6157	15320626
604	Sharma R., Nitin N., AlShehri M.A.R., Dahiya D.	Priority-based joint EDF–RM scheduling algorithm for individual real-time task on distributed systems	Journal of Supercomputing	10.1007/s11227-020-03306-x	9208542
605	Amrita, Gupta P., Singh P.	Priority-wise test case allocation using fuzzy logic	International Journal of Systems Assurance Engineering and Management	10.1007/s13198-021-01247-z	9756809
606	Bhardwaj A., Al-Turjman F., Sapra V., Kumar M., Stephan T.	Privacy-aware detection framework to mitigate new-age phishing attacks	Computers and Electrical Engineering	10.1016/j.compeleceng.2021.107546	457906
607	Wei F., Vijayakumar P., Kumar N., Zhang R., Cheng Q.	Privacy-preserving implicit authentication protocol using cosine similarity for internet of things	IEEE Internet of Things Journal	10.1109/JIOT.2020.3031486	23274662
608	Savita; Dani, S; Kumar, S; Singh, F; Vij, A; Thakur, A	Probing the defects and trap distribution in MgAl2O4 nanocrystals through electron spin resonance and thermoluminescence	Journal of physics d-applied physics	10.1088/1361-6463/ac03ec	0022-3727

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610	Kumar V., Jaiswal K.K., Tomar M.S., Rajput V., Upadhyay S., Nanda M., Vlaskin M.S., Kumar S., Kurbatova A.	Production of high value-added biomolecules by microalgae cultivation in wastewater from anaerobic digestates of food waste: A review	Biomass Conversion and Biorefinery	10.1007/s13399-021-01906-y	21906815
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612	Khan A., Gulati R.	Productivity growth, catching-up and technology innovation in microfinance institutions in India: evidence using a bootstrap Malmquist Index approach	Benchmarking	10.1108/BIJ-10-2020-0535	14635771
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616	Goundar, S; Bhardwaj, A	Property valuation using linear regression and random forest algorithm	International journal of system dynamics applications	10.4018/IJSDA.20211001.oa13	2160-9772
617	Tyagi R., Vishwakarma S.	Prospect of low-cost energy conservation in residential energy consumption	International Journal of Power Electronics and Drive Systems	10.11591/ijpeds.v12.i4.pp2403-2413	20888694
618	Agarwal S., Singhal S., Godiya C.B., Kumar S.	Prospects and applications of starch based biopolymers	International Journal of Environmental Analytical Chemistry	10.1080/03067319.2021.1963717	3067319
619	Makkar A., Kumar N.	PROTECTOR: An optimized deep learning-based framework for image spam detection and prevention	Future Generation Computer Systems	10.1016/j.future.2021.06.026	0167739X

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621	Kumar S., Tiwari R., Hong W.-C.	Qos improvement using in-network caching based on clustering and popularity heuristics in ccn	Sensors	10.3390/s21217204	14248220
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623	Mishra S., Mishra A.K.	Raman microspectroscopic and quantum chemical investigations of neuroleptic drugs interactions with dipalmitoylphosphatidylcholine (DPPC) lipid	Vibrational Spectroscopy	10.1016/j.vibspec.2021.103242	9242031
624	Tanveer M., Khan A.U., Kumar N., Hassan M.M.	RAMP-IoD: A robust authenticated key management protocol for the internet of drones	IEEE Internet of Things Journal	10.1109/JIOT.2021.3084946	23274662
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632	Sharma V., Dash S.K., Govarthanan K., Gahtori R., Negi N., Barani M., Tomar R., Chakraborty S., Mathapati S., Bishi D.K., Negi P., Dua K., Singh S.K., Gundamaraju R., Dey A., Ruokolainen J., Thakur V.K., Kesari K.K., Jha N.K., Gupta P.K., Ojha S.	Recent advances in cardiac tissue engineering for the management of myocardium infarction	Cells	10.3390/cells10102538	20734409
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635	Mohan, PVV; Kudapa, VK	Recent developments in usage of fluorine-free nano structured materials in oil-water separation: A review	Surfaces and interfaces	10.1016/j.surfin.2021.101455	2468-0230
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691	Wei W., Thakur V.K., Li S., Chianella I.	Self-switchable polymer reactor with PNIPAM-PAm smart switch capable of tandem/simple catalysis	Polymer	10.1016/j.polymer.2021.124265	323861
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715	Salankar N., Koundal D., Mian Qaisar S.	Stress classification by multimodal physiological signals using variational mode decomposition and machine learning	Journal of Healthcare Engineering	10.1155/2021/2146369	20402295
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718	Kumar A., Kumari K., Vij A., Kumar S., Shin M., Koo B.H.	Structural, magnetic and field-driven abrupt magnetocaloric properties of La1.4-xSmxCa1.6Mn2O7 Ruddlesden-Popper manganites	Journal of the European Ceramic Society	10.1016/j.jeurceramsoc.2021.07.033	9552219
719	Rani R., Batoo K.M., Sharma P., Anand G., Kumar G., Bhardwaj S., Singh M.	Structural, morphological and temperature dependent electrical traits of Co0.9Zn0.1InxFe2-xO4 spinel nano-ferrites	Ceramics International	10.1016/j.ceramint.2021.07.273	2728842
720	Kumar A., Hussain I., Kumar S., Koo B.H.	Structural, optical properties and the origin of spin functionality in the Co modified TiO2 nanoparticles	Vacuum	10.1016/j.vacuum.2020.109870	0042207X
721	Mandal S., Debnath U., Sarkar J.	Structural-genetic characterization of novel butaryl co-a dehydrogenase and proposition of butanol biosynthesis pathway in pusillimonas ginsengisoli SBSA	Journal of Molecular Evolution	10.1007/s00239-020-09989-3	222844
722	Dwivedi J., Gupta M., Reddy V.R., Mishra A., Gupta A.	Structure and thermal stability of amorphous Co23Fe60B17 film on Si substrate	Applied Surface Science Advances	10.1016/j.apsadv.2021.100113	26665239
723	Bhandari A.	Study of ferrofluid flow and heat transfer between cone and disk	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	10.1515/zna-2021-0100	9320784
724	Kurre S.K., Pandey S., Khatri N., Bhurat S.S., Kumawat S.K., Saxena S., Kumar S.	Study of lubricating oil degradation of ci engine fueled with diesel-ethanol blend	Tribology in Industry	10.24874/ti.913.06.20.11	3548996
725	Kumar, S; Kumari, K; Alvi, PA; Dalela, S	Study of the electronic structure of Ce0.95Fe0.05O2-delta d thin film using X-ray photoelectron spectroscopy	Journal Of Electron Spectroscopy And Related Phenomena	10.1016/j.elspec.2021.147073	0368-2048
726	Akande, AA; Salar, U; Khan, KM; Syed, S; Aboaba, SA; Chigurupati, S; Wadood, A; Riaz, M; Taha, M; Bhatia, S; Kanwal; Shamim, S; Perveen, S	Substituted Benzimidazole Analogues as potential a-amylase inhibitors and radical scavengers	ACS OMEGA	10.1021/acsomega.1c03056	2470-1343

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728	Goswami, T; Kamboj, N; Bheemaraju, A; Kataria, A; Dey, RS	Supercapacitive behaviour of a novel nanocomposite of 3,4,9,10-perylenetetracarboxylic acid incorporated captopril-Ag nanocluster decorated on graphene nanosheets	Materials Advances	10.1039/d0ma00527d	2633-5409
729	Sharma D.K., Sikarwar B.S., Upadhyay S., Kumar R., Avasthi D.K., Ranjan M., Srivastava S.K., Muralidhar K.	Super-hydrophobic nanostructured silica coating on aluminum substrate for moist air condensation	Journal of Materials Engineering and Performance	10.1007/s11665-021-06254-6	10599495
730	Tiwari S.	Supply chain integration and Industry 4.0: a systematic literature review	Benchmarking	10.1108/BIJ-08-2020-0428	14635771
731	Kumar M., Pandey R.K., Pathak S., Vandana, Ojha S., Kumar T., Kumar R.	Surface engineering of Pt thin films by low energy heavy ion irradiation	Applied Surface Science	10.1016/j.apsusc.2020.148338	1694332
732	Pandey R.K., Pathak S., Kumar M., Singh U.B., Khan S.A., Kumar T., Awasthi S., Avasthi D.K., Pandey A.C.	Surface erosion of BaF2 thin films under SHI irradiation: Angular distribution and role of different substrates	Applied Surface Science	10.1016/j.apsusc.2021.149343	1694332
733	Khan N.I., Halder S., Talukdar N., Das S., Goyat M.S.	Surface oxidized/silanized graphite nanoplatelets for reinforcing an epoxy matrix	Materials Chemistry and Physics	10.1016/j.matchemphys.2020.123851	2540584
734	Tiwari P., Maurya D.M., Shaikh M., Patidar A.K., Vanik N., Padmalal A., Vasaikar S., Chamyal L.S.	Surface trace of the active Katrol Hill Fault and estimation of paleo-earthquake magnitude for seismic hazard, Western India	Engineering Geology	10.1016/j.enggeo.2021.106416	137952
735	Kumar A., Bhatia S., Kaushik K., Gandhi S.M., Devi S.G., De J. Pacheco D.A., Mashat A.	Survey of promising technologies for quantum drones and networks	IEEE Access	10.1109/ACCESS.2021.3109816	21693536
736	Kumar S., Gautam S.K., Kumar A., Maithan R., Kumar A.	Sustainability assessment of different nanoparticle for heat exchanger applications: An intuitionistic fuzzy combinative distance-based assessment method	Acta Innovations	10.32933/ActaInnovations.40.4	23005599

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738	Jha A., Sindhwani R., Dwivedi A., Saddikuti V.	Sustainable recovery for digital entrepreneurs with shared resources: Enablers, challenges and solutions	Journal of Asia Business Studies	10.1108/JABS-05-2021-0214	15587894
739	Munthala D., Mangababu A., Nageswara Rao S.V.S., Pojprapai S., Pathak A.P., Avasthi D.K.	Swift heavy ion assisted growth of silver nanoparticles embedded in hafnium oxide matrix	Journal of Applied Physics	10.1063/5.00548 46	218979
740	Budhiraja I., Kumar N., Tyagi S., Tanwar S., Guizani M.	SWIPT-Enabled D2D communicationunderlaying NOMA-based cellular networks in imperfect CSI	IEEE Transactions on Vehicular Technology	10.1109/TVT.20 21.3049185	189545
741	Manju, Jain M., Vashishtha P., Gupta G., Sharma A., Won S.O., Vij A., Thakur A.	Switchable cool and cold white emission from dysprosium doped SrZnO2	Journal of Physics Condensed Matter	10.1088/1361-648X/abbc9c	9538984
742	Mohanta C.S., Sreeram A., Yadav V., Padhan R.K., Raman N.S., Badoni R.P.	Synergic effect of waste PET and sebacic acid on the rheology of crumb rubber modified bitumen	International Journal of Pavement Engineering	10.1080/1029843 6.2019.1665179	10298436
743	Prasher P., Sharma M., Zacconi F., Gupta G., Aljabali A.A.A., Mishra V., Tambuwala M.M., Kapoor D.N., Negi P., Pinto T.J.A., Singh I., Chellappan D.K., Dua K.	Synthesis and anticancer properties of 'Azole' based chemotherapeutics as emerging chemical moieties: A comprehensive review	Current Organic Chemistry	10.2174/1385272 82499920082015 2501	13852728
744	Gupta P.K., Palanisamy S., Gopal T., Rajamani R., Pandit S., Sinha S., Thakur V.K.	Synthesis and characterization of novel fe3 o4 /pva/eggshell hybrid nanocomposite for photodegradation and antibacterial activity	Journal of Composites Science	10.3390/jcs5100 267	2504477X
745	Krishna R., Agarwal D.C., Avasthi D.K.	Synthesis and modification of ZnO thin films by energetic ion beams	Radiation Effects and Defects in Solids	10.1080/1042015 0.2021.1891065	10420150
746	Kumar A.P., Ahmed F., Kumar S., Anuradha G., Harish K., Kumar B.P., Lee Y.-I.	Synthesis of Magnetically Recoverable Ru/Fe3O4 nanocomposite for efficient photocatalytic degradation of methylene blue	Journal of Cluster Science	10.1007/s10876-021-02149-7	10407278
747	Thakran M., Kumar S., Phogat R., Ray S.K., Brajpuriya R., Singh Rana A., Kumar B.	Synthesis of nanocrystalline reduced graphene oxide quantum dots	International Journal of Nanoscience	10.1142/S021958 1X21500368	0219581X

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749	Bhowmik D., Pal J., Goswami M., Sen P., Saha A.K., Sen B.	Systematic cell placement in quantum-dot cellular automata embedding underlying regular clocking circuit	IET Circuits, Devices and Systems	10.1049/cds2.12015	1751858X
750	Bhat I.M., Shuaib M., Asnain M.S., Sharma V.R., Yadav A., Sharma M.K., Singh P.P., Singh D.P., Kumar R., Singh R.P., Muralithar S., Singh B.P., Prasad R.	Systematic study of fusion-fission like events in 19F + 175Lu interactions at low energies	Nuclear Physics A	10.1016/j.nuclphysa.2021.122236	3759474
751	Fatima R., Sharma M., Prasher P.	Targeted delivery of flufenamic acid by V-amylose	Therapeutic Delivery	10.4155/tde-2021-0020	20415990
752	Prasher, P; Sharma, M; Gunupuru, R	Targeting cyclooxygenase enzyme for the adjuvant COVID-19 therapy	Drug Development Research	10.1002/ddr.21794	0272-4391
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754	Shrivastava G., Aljabali A.A.A., Shahcheraghi S.H., Lotfi M., Shastri M.D., Shukla S.D., Chellappan D.K., Jha N.K., Anand K., Dureja H., Pabari R.M., Mishra V., Almutary A.G., Alnuqaydan A.M., Charbe N., Prasher P., Negi P., Goyal R., Dua K., Gupta G., Serrano-Aroca A., Bahar B., Barh D., Panda P.K., Takayama K., Lundstorm K., McCarron P., Bakshi H., Tambuwala M.M.	Targeting LIN28: A new hope in prostate cancer theranostics	Future Oncology	10.2217/fon-2021-0247	14796694

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758	Pandey A., Banerjee S.	Test data generation and selection using levy flight-based firefly algorithm	International Journal of Software Innovation	10.4018/IJSI.2021040102	21667160
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762	Dalei N.N., Roy H.	The empirical relationship between carbon emission and energy use of BRICS nations	Journal of Public Affairs	10.1002/pa.2154	14723891
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764	Kumar, A; Saha, AK; Panigrahi, PK; Karn, A	The mechanism of vortex bifurcation vis-a-vis axial switching in rectangular synthetic jets	European Journal Of Mechanics B-Fluids	10.1016/j.euromechflu.2020.12.002	0997-7546
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767	Maithani R., Kumar A., Raghav G., Nagpal M., Kumar B.	Thermal analysis of jet impingement on hemispherical protrusion on heated surface	Experimental Heat Transfer	10.1080/08916152.2020.1808117	8916152
768	Pathak M., Joshi P.	Thermal analysis of some fin problems using improved iteration method	International Journal of Applied and Computational Mathematics	10.1007/s40819-021-00964-0	23495103
769	Ponnam V., Ghodke P., Tondepu S., Mandapati R.N.	Thermal behaviour kinetic modeling of capsicum annuum waste biomass using an iso-conversion method	Journal of Thermal Engineering	10.18186/thermal.865555	21487847
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771	Mondal S., Mondal A.K., Chintala V., Tauseef S.M., Kumar S., Pandey J.K.	Thermochemical pyrolysis of biomass using solar energy for efficient biofuel production: A review	Biofuels	10.1080/17597269.2018.1461512	17597269
772	Kumar A., Sharma S., Kumar S., Maithani R.	Thermohydraulic analysis of twisted tape inserts with $SiO\_2/H\_2 O$ nanofluid in heat exchanger	Australian Journal of Mechanical Engineering	10.1080/14484846.2021.1960672	14484846
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774	Brajpuriya R., Vij A., Sharma R.K.	Thickness dependent magnetic study of Fe thin films	Journal of Nano- and Electronic Physics	10.21272/JNEP.13(4).04005	20776772
775	Sharma A., Kumar N.	Third Eye: An intelligent and secure route planning scheme for critical services provisions in internet of vehicles environment	IEEE Systems Journal	10.1109/JSYST.2021.3052072	19328184
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778	Cao H., Du J., Zhao H., Luo D.X., Kumar N., Yang L., Yu F.R.	Towards tailored resource allocation of slices in 6g networks with softwarization and virtualization	IEEE Internet of Things Journal	10.1109/JIOT.2021.3111644	23274662
779	Rana A.K., Thakur V.K., Singha A.S.	Towards the use of acrylic acid graft-copolymerized plant biofiber in sustainable fortified composites: Manufacturing and characterization	E-Polymers	10.1515/epoly-2021-0080	16187229
780	Pokhrel, S; Kumar, N; Walid, A	Towards ultra reliable low latency multipath TCP for connected autonomous vehicles	IEEE Transactions On Vehicular Technology	10.1109/TVT.2021.3093632	0018-9545
781	Kadyan V., Bala S., Bawa P.	Training augmentation with TANDEM acoustic modelling in Punjabi adult speech recognition system	International Journal of Speech Technology	10.1007/s10772-021-09797-0	13812416
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784	Meet R.K., Kala D.	Trends and future prospects in MOOC researches: A systematic literature review 2013–2020	Contemporary Educational Technology	10.30935/cedtech/10986	1309517X
785	Singh Y., Singh N.K., Sharma A., Chinnasamy V., Bhan U.	Tribological characteristics of TiO2 nanoparticles as an additive to the chemically modified Nicotiana tabacum	Journal of Bio- and Tribo-Corrosion	10.1007/s40735-021-00499-3	21984220
786	Shivhare S.N., Kumar N.	Tumor bagging: A novel framework for brain tumor segmentation using metaheuristic optimization algorithms	Multimedia Tools and Applications	10.1007/s11042-021-10969-y	13807501
787	Raimondo M., Calabrese E., Binder W.H., Michael P., Rana S., Guadagno L.	Tunneling atomic force microscopy analysis of supramolecular self-responsive nanocomposites	Polymers	10.3390/polym13091401	20734360

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789	Sundriyal S., Bhan U., Selvakumar S., Singh R., Dobhal D.P.	Two decadal changes in the major ions chemistry of melt water draining from Dokriani Glacier, central Himalaya, India	Journal of the Geological Society of India	10.1007/s12594-021-1682-6	167622
790	Saini, D; Kumar, S; Singh, MK; Ali, M	Two view NURBS reconstruction based on GACO model	Complex & Intelligent Systems	10.1007/s40747-021-00411-z	2199-4536
791	Singh M., Chauhan A., Gunnupuru R., Kumar Singh A.	Two-dimensional halide perovskite-based solar cells: Strategies for performance and stability enhancement	FlatChem	10.1016/j.flatc.2020.100213	24522627
792	Vanaparthi, S; Mamta; Yadav, J; Pawar, AP; Iype, E; Rana, S; Kumar, I	Two-pot synthesis and photophysical studies of 1,6-disubstituted 5-aza-indoles from succinaldehyde and N-aryl propargylic-imines	Organic & Biomolecular Chemistry	10.1039/d1ob01949j	1477-0520
793	Kamiya K., Kayama K., Nobuoka M., Sakaguchi S., Sakurai T., Kawata M., Tsutsui Y., Suda M., Idesaki A., Koshikawa H., Sugimoto M., Lakshmi G.B.V.S., Avasthi D.K., Seki S.	Ubiquitous organic molecule-based free-standing nanowires with ultra-high aspect ratios	Nature Communications	10.1038/s41467-021-24335-x	20411723
794	Gupta M., Singh D., Singh S.P., Mathur A., Wadhwa S., Jaiswal A.K., Singh D.K., Yadav R.R.	Ultrasonic and thermophysical studies of ethylene glycol nanofluids containing titania nanoparticles and their heat transfer enhancements next-generation heat transfer nanofluids for industrial applications	Johnson Matthey Technology Review	10.1595/205651320x15940360546454	20565135
795	Thapliyal M., Ahuja N.J.	Underpinning implications of instructional strategies on assistive technology for learning disability: A meta-synthesis review	Disability and Rehabilitation: Assistive Technology	10.1080/17483107.2020.1864669	17483107
796	Gaidukovs S., Platnieks O., Gaidukova G., Starkova O., Barkane A., Beluns S., Thakur V.K.	Understanding the impact of microcrystalline cellulose modification on durability and biodegradation of highly loaded biocomposites for woody like materials applications	Journal of Polymers and the Environment	10.1007/s10924-021-02291-3	15662543

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798	Manju, Jain M., Savita, Kumar A., Vij A., Thakur A.	Unraveling trapping defects distribution using thermoluminescence in gamma-irradiated SrZnO2:Dy nanophosphors	Physica Status Solidi (A) Applications and Materials Science	10.1002/pssa.202100063	18626300
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800	Shukla P., Sharma P.K., Pandey S., Chintala V.	Unsegregated municipal solid waste in India - current scenario, challenges and way forward	Nature Environment and Pollution Technology	10.46488/NEPT.2021.v20i02.048	9726268
801	Bhandari A., Husain A.	Unsteady flow and heat transfer of a ferrofluid between two rotating, vertical moving and stretching disks	Heat Transfer	10.1002/htj.21942	26884534
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805	Usmani Z., Sharma M., Gaffey J., Sharma M., Dewhurst R.J., Moreau B., Newbold J., Clark W., Thakur V.K., Gupta V.K.	Valorization of dairy waste and by-products through microbial bioprocesses	Bioresource Technology	10.1016/j.biortech.2021.126444	9608524

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807	Totakura B.R., Sharma V., Kashav V., Das S.R.	Volatility of ship demolition index prices	Transactions on Maritime Science	10.7225/toms.v10.n02.w04	18483305
808	Rana A.K., Gupta V.K., Saini A.K., Voicu S.I., Abdellattifaand M.H., Thakur V.K.	Water desalination using nanocelluloses/cellulose derivatives based membranes for sustainable future	Desalination	10.1016/j.desal.2021.115359	119164
809	Singh R., Baz M., Gehlot A., Rashid M., Khurana M., Akram S.V., Alshamrani S.S., Alghamdi A.S.	Water quality monitoring and management of building water tank using industrial internet of things	Sustainability (Switzerland)	10.3390/su13158452	20711050
810	Bhandari A.	Water-Based Fe3O4 ferrofluid flow between two rotating disks with variable viscosity and variable thermal conductivity	International Journal of Applied and Computational Mathematics	10.1007/s40819-021-00978-8	23495103
811	Bhandari A.	Water-based ferrofluid flow and heat transfer over a stretchable rotating disk under the influence of an alternating magnetic field	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	10.1177/09544062220952515	9544062
812	Gupta R., Reebadiya D., Tanwar S., Kumar N., Guizani M.	When blockchain meets edge intelligence: Trusted and security solutions for consumers	IEEE Network	10.1109/MNET.001.2000735	8908044
813	Kapoor A., Mishra R., Kumar P.	Wideband miniaturized patch radiator for Sub-6 Ghz 5g devices	Heliyon	10.1016/j.heliyon.2021.e07931	24058440
814	Bhat M.Y., Sofi A.A.	Willingness to pay for biodiversity conservation in Dachigam National Park, India	Journal for Nature Conservation	10.1016/j.jnc.2021.126022	16171381
815	Dewangan B.K., Agarwal A., Choudhury T., Pasricha A.	Workload aware autonomic resource management scheme using grey wolf optimization in cloud environment	IET Communications	10.1049/cmu2.12198	17518628
816	Gehlot A., Singh R., Kuchhal P., Kumar A., Singh A., Alsubhi K., Ibrahim M., Villar S.G., Brenosa J.	Wpan and IoT enabled automation to authenticate ignition of vehicle in perspective of smart cities	Sensors	10.3390/s21217031	14248220

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818	Karthik T.S., Loganathan K., Shankar A.N., Carmichael M.J., Mohan A., Kaabar M.K.A., Kayikci S.	Zero and Nonzero mass flux effects of bioconvective viscoelastic nanofluid over a 3D riga surface with the swimming of gyrotactic microorganisms	Advances in Mathematical Physics	10.1155/2021/9914134	16879120
819	Ompal, Mishra V.M., Kumar A.	Zigbee internode communication and FPGA synthesis using mesh, star and cluster tree topological chip	Wireless Personal Communications	10.1007/s11277-021-08282-w	9296212

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1	Mehta D., Sehgal S., Choudhury T., Sarkar T.	A comparative analysis of clustering and biclustering algorithms in gene analysis	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_4	21954356
2	Diwakar, M; Tripathi, A; Joshi, K; Sharma, A; Singh, P; Memoria, M; Kumar, N	A comparative review: Medical image fusion using SWT and DWT	Materials Today-Proceedings	10.1016/j.matpr.2020.09.278	2214-7853
3	Srivastava S., Sharma V.K., Sharma R., Singh B.K., Singh J.N., Choudhury T.	A Comprehensive effectual load-balancing method in cloud computing	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_32	21954356
4	Agarwal M., Sudharsan J.	A comprehensive review on scavenging H2S compounds in oil and gas industry by using nanomaterials	Materials Today: Proceedings	10.1016/j.matpr.2020.11.693	9.78074E+12
5	Kumar A., Srikanth P.	A decision-based multi-layered outlier detection system for resource constraint manet	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5148-2_53	9.78162E+12
6	Chakraborty A., Jindal M., Bajal E., Singh P., Diwakar M., Arya C., Tripathi A.	A multi-level method noise based image denoising using convolution neural network	Journal of Physics: Conference Series	10.1088/1742-6596/1854/1/012040	17568919
7	Chatterjee S.	A multi-objective clustering ensemble approach for crowdsourced clustering	CEUR Workshop Proceedings		22147853
8	Tripathi A., Sharma R., Memoria M., Joshi K., Diwakar M., Singh P.	A review analysis on face recognition system with user interface system	Journal of Physics: Conference Series	10.1088/1742-6596/1854/1/012024	17568919

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10	Sharma D., Kumar R., Jain A.	A systematic review of risk factors and risk assessment models for breast cancer	Lecture Notes in Networks and Systems	10.1007/978-981-15-7130-5_41	9.78079E+12
11	Gupta N., Gupta K., Khurana M., Gupta D., Jain A., Dewangan B.K.	A walkthrough in live migration strategies for energy-aware resource management in cloud	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_16	22147853
12	Rawat A., Bhadoria R.S.	Accuracy estimation for fault classification in virtual machine using deep learning	ICSCCC 2021 - International Conference on Secure Cyber Computing and Communications	10.1109/ICSCCC51823.2021.9478157	17435889
13	Kumar A., Aggarwal A., Sharma K., Goyal M.	Active learning in E-learning: A case study to teach elliptic curve cryptosystem, its fast computational algorithms and authentication protocols for resource constraint RFID-sensor integrated mobile devices	E-learning Methodologies: Fundamentals, technologies and applications	-	22147853
14	Prakash R., Chithaluru P.	Active security by implementing intrusion detection and facial Recognition	Lecture Notes in Electrical Engineering	10.1007/978-981-15-7486-3_1	9.78167E+12
15	Sharma A., Jain A., Ram M.	AI for COVID-19: The journey so far	Use of AI, Robotics, and Modern Tools to Fight Covid-19	-	17426588
16	Debnath A., Pathak U., Badoni P.	An augmented reality application to teach human anatomy to secondary school students	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0119-4_70	25228595
17	Vig H., Singh G.D., Choudhury T., Sarkar T.	An efficient and secured data sharing approach through image transmission	2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021	10.1109/ESCI50559.2021.9396998	18761100
18	Sharma P.K., Kumar Sharma A., Shenbagaraj S., Mondal S.	An investigation on emissions analysis of spark plug engine fueled by producer gas generated by L. camera	Materials Today: Proceedings	10.1016/j.matpr.2021.02.615	21945357
19	Kumar A., Sharma D.K.	An optimized multilayer outlier detection for internet of things (iot) network as industry 4.0 automation and data exchange	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5148-2_51	9.78162E+12

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21	Vyas S., Prasad A.	Analysis of algorithms K-means and apriori for data mining	Advances in Intelligent Systems and Computing	10.1007/978-981-15-6014-9_22	9.78173E+12
22	Verma J., Pant S., Kumar A., Kumar Jangir B., Dalal J., Ram M.	Analysis of trench termination in 4H-nSiC based power devices	Materials Today: Proceedings	10.1016/j.matpr.2021.02.226	21945357
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27	Velmurugan R.S., Dhingra T.	Asset maintenance framework and benchmarking	International Series in Operations Research and Management Science	10.1007/978-3-030-74154-9_4	25228595
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32	Sharma D.P., Singh B.K., Gure A.T., Choudhury T.	Autonomic computing: Models, applications, and brokerage	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_4	22147853

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34	Chhabra M., Shukla M.K., Ravulakollu K.K.	Bagging- and boosting-based latent fingerprint image classification and segmentation	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5148-2_17	9.78162E+12
35	Pandey R.K.	Bimetallic metal-organic frameworks (BMOFs) and their potential applications	ACS Symposium Series	10.1021/bk-2021-1393.ch001	21903018
36	Panchal A., Raghuvanshi V., Ramanjaneyulu B., Ghodke P.	Biomass gasification of carbonaceous feedstock for syngas production: A review	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012062	2724391
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39	Katal A., Sethi V., Lamba S.	Blockchain consensus algorithms: Study and challenges	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-65691-1_4	25228595
40	Bala S., Kadyan V., Bhardwaj V.	Bottleneck feature extraction in Punjabi adult speech recognition system	Lecture Notes in Networks and Systems	10.1007/978-981-33-4543-0_53	9.78167E+12
41	Shivhare S.N., Kumar N.	Brain tumor segmentation using random walks from MRI Images	Advances in Intelligent Systems and Computing	10.1007/978-981-33-4299-6_3	1860949X
42	Roy H., Bhatt M.Y.	Challenges and solution for renewable energy development in Uttarakhand, India	International Journal of Economic Policy in Emerging Economies	10.1504/IJEPEE.2021.118990	21903018
43	Tiwari S.K., Akula U.R., Dasgotra A., Kona S.	Characterization of aluminum-fly ash composite fabricated by stir casting technique	Materials Today: Proceedings	10.1016/j.matpr.2021.03.025	22147853
44	Jangra A., Mangla N., Jain A., Dewangan B.K., Perumal T.	Classification of various scheduling approaches for resource management system in cloud computing	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_8	23673370
45	Sharma H.K., Ahlawat P., Sharma M.K., Ahmed M.E., Patni J.C., Taneja S.	CNN-Based approach to control computer applications by differently abled peoples using hand gesture	Lecture Notes in Networks and Systems	10.1007/978-981-16-0733-2_34	23673370

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47	Reeshti, Sehgal R., Mehrotra D., Nagpal R., Choudhury T.	Code smell refactoring for energy optimization of android apps	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_33	21984182
48	Verma D., Messon D., Rastogi M., Singh A.	Comparative study of various approaches of dijkstra algorithm	Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2021	10.1109/ICCCIS51004.2021.9397200	18761100
49	Jain T., Joshi P., Bansal R., Jain Y., Katal A.	Comparison of server load balancing techniques in cloud simulated environment	2021 Asian Conference on Innovation in Technology, ASIANCON 2021	10.1109/ASIANCON51346.2021.9545016	9208542
50	Chetry A., Kamboj M., Khatri N., Bansal A., Jain S.	Computational study of the candidate material for weight optimization of the crankshaft	SAE Technical Papers	10.4271/2021-01-0264	18678211
51	Singh V.K.	Corporate governance failures as a cause of increasing corporate frauds in India—An analysis	Accounting, Finance, Sustainability, Governance and Fraud	10.1007/978-981-33-4076-3_2	9.78167E+12
52	Singhal S., Agarwal S., Mudoi M.P., Singhal N., Singh R.	Correction to: Chemical conversion of furan dicarboxylic acid to environmentally benign polyesters: an overview (Biomass Conversion and Biorefinery, (2021), 10.1007/s13399-021-01871-6)	Biomass Conversion and Biorefinery	10.1007/s13399-021-01928-6	22147853
53	Sharma S., Tiwari S.	COVID-19 Diagnosis using X-Ray images and deep learning	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	10.1109/ICAIS50930.2021.9395851	18761100
54	Banerjee S., Chowdhury A., Srivastava A.	Creating awareness about health and hygiene during menstrual cycle among indian adolescent girls using virtual reality	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_27	9.78167E+12
55	Joshi J., Chowdhury A.	Creating products from textile waste generated during fabric cutting stage in the garment production process	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_8	9.78173E+12

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58	Sharma A., Sharma A., Chowdary V., Srivastava A., Joshi P.	Cuckoo search algorithm: A review of recent variants and engineering applications	Studies in Computational Intelligence	10.1007/978-981-15-7571-6_8	9.78173E+12
59	Sharma S., Choudhary V., Kothari S., Choudhury A.	Customized human mask-face recognition using computer vision	2021 2nd Global Conference for Advancement in Technology, GCAT 2021	10.1109/GCAT52182.2021.9587490	2724391
60	Bhardwaj A.	Cybersecurity incident response against advanced persistent threats (APTs)	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-69174-5_9	25097873
61	Kuchhal P., Castillo H., Mishra R.G., Mishra R.	Design and analysis of a dual-band CPW fed microstrip patch antenna	Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418009	18650929
62	Majumder D., Chowdhury A.	Design and evaluation of speed forms for design of an amphibious vehicle	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_3	9.78173E+12
63	Vats A., Ali S.F.	Design of a mechanical obstacle detection and avoidance sensor for a venus rover	AIAA Scitech 2021 Forum	-	9.78173E+12
64	Dubey D., Singh T.P., Bhattacharjee A.	Design of ATM network architecture that interoperate with higher level protocols in 5G environment	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA51532.2021.9544934	8848289
65	Nayak N.P.	Design of beneficiation scheme of banded hematite jasper using mineralogical characterization study	Materials Today: Proceedings	10.1016/j.matpr.2021.06.086	21945357
66	Jindal A., Chowdhury A.	Designing a donation portal to help underprivileged indians	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0041-8_34	25238027
67	Adlakha P., Notnani D., Raja M., Jain A.	Designing and simulating a cubesat constellation for mars exploration	AIAA Scitech 2021 Forum	-	9.78167E+12

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69	Kumar S., Tauseef S.M.	Development of an Internet of Things (IoT) based Lockout/Tagout (LOTO) device for accident prevention in manufacturing industries	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1017/1/012017	20763417
70	Kumar A., Sharma K.	Digital transformation and emerging technologies for COVID-19 Pandemic: Social, global, and industry perspectives	Studies in Computational Intelligence	10.1007/978-3-030-60188-1_4	9788770224437; 9788770224420
71	Kumar A., Jain S.	Drone-based monitoring and redirecting system	Studies in Systems, Decision and Control	10.1007/978-3-030-63339-4_6	9.78173E+12
72	Kumar A., Sharma K., Singh H., Srikanth P., Krishnamurthi R., Nayyar A.	Drone-based social distancing, sanitization, inspection, monitoring, and control room for COVID-19	Studies in Computational Intelligence	10.1007/978-3-030-60188-1_8	9788770224437; 9788770224420
73	Kumar A., Elsersy M., Darwsih A., Hassanien A.E.	Drones combat COVID-19 epidemic: innovating and monitoring approach	Studies in Systems, Decision and Control	10.1007/978-3-030-63307-3_11	9788770224437; 9788770224420
74	Prasher P., Sharma M., Singh S.P.	Drug encapsulating polysaccharide-loaded metal nanoparticles: A perspective drug delivery system	Drug Development Research	10.1002/ddr.21754	18761100
75	Vyas S., Kaliyaperumal K., Singh B., Ali G.K., Aarthi R., Gawish A.	Dynamic brain segmentation and intelligent deep neural networks	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441937	18761100
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77	Agarwal S., Jain N., Choudhury T., Singh U.V., Tomar R.	E-Commerce delivery routing system using bellman–held–karp algorithm	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-5463-6_25	9.78173E+12
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80	Singh, Y; Singla, A; Upadhyay, AK	Effect of SiO2 as an additive to mongongo oil during friction and wear characterization	Materials Today-proceedings	10.1016/j.matpr.2021.01.970	2214-7853
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83	Sharma D.P., Singh B.K., Gure A.T., Choudhury T.	Emerging paradigms and practices in cloud resource management	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_2	22147853
84	Mukherjee A., Bisen D., Saurabh P., Kane L.	Enhanced homomorphic encryption scheme with particle swarm optimization for encryption of cloud data	Advances in Intelligent Systems and Computing	10.1007/978-3-030-49336-3_29	9.78184E+12
85	Pal J., Goswami M., Saha A.K., Sen B.	Erratum: CFA: Toward the realization of conservative full adder in qca with enhanced reliability (Journal of Circuits, Systems and Computers (2021) 30:10 (2150172) DOI: 10.1142/S0218126621501723)	Journal of Circuits, Systems and Computers	10.1142/S0218126621920018	8848289
86	Agarwal J., Kumar M., Srivastava A.K.	Estimation of various parameters for AES, DES, and RSA	Lecture Notes in Networks and Systems	10.1007/978-981-15-9774-9_27	25228595
87	Sharma Y., Chowdhury A.	Evaluation and redesign of SAP portal for university students	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0041-8_35	1860949X
88	Ranjit P.S., Sureshchandra Bhurat S., Santosh Kumar D., Vinjamuri V.K., Saravanan A., Varaprasad Bh., Murugan M., Singh Y., G. S.M.	Experimental investigations on gaseous hydrogen supplemented Aleurites Fordii biodiesel in a direct injection diesel engine for performance enhancement and reduction in emissions	Materials Today: Proceedings	10.1016/j.matpr.2021.02.368	21945357
89	Dewangan B.K., Agarwal A., Choudhury T., Pasricha A., Chandra Satapathy S.	Extensive review of cloud resource management techniques in industry 4.0: Issue and challenges	Software - Practice and Experience	10.1002/spe.2810	457906

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91	Pawase T.N., Malhotra A., Mahajan A.	Flexible microstrip patch antenna using zigzag geometry for GPS application	2021 6th International Conference for Convergence in Technology, I2CT 2021	10.1109/I2CT51068.2021.9417967	18761100
92	Jain S., Gautam R., Sharma S., Tomar R., Choudhury T.	Four-factor authentication with emerging cybersecurity for mobile transactions	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_35	21984182
93	Rupani A., Jilani S.A., Shibly F.H.A., Choudhury T.	FPGA Implementation of image processing filters using IoT	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_36	21954356
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96	Nigam A., Ghosh D.P.	Fusion of artificial intelligence for multidisciplinary optimization: Skidding track—case study	Advances in Intelligent Systems and Computing	10.1007/978-981-15-6353-9_11	9.78173E+12
97	Deol S., Patel S.R., Choudhury T.	Fuzzy logic method based MPPT controller for solar energy generation	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_5	21954356
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99	Sharma B., Koundal D., Singh R.	Guest editorial: Introduction to the special section on load balancing of sensory data for IoT deep learning applications with Edge/Fog Computing (VSI-lbdl)	Computers and Electrical Engineering	10.1016/j.compeleceng.2021.107332	15426580
100	Wanganoo L., Prasad Panda B., Tripathi R., Kumar Shukla V.	Harnessing smart integration: Blockchain-enabled B2C reverse supply chain	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2021	10.1109/ICCIKE51210.2021.9410677	18761100

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102	Pandey G., Sangwai J.S.	High pressure rheology of gas hydrate in multiphase flow systems	Lecture Notes in Civil Engineering	10.1007/978-981-15-8506-7_26	25228595
103	Sharma R., Kukreja V., Kadyan V.	Hispa rice disease classification using convolutional neural network	2021 3rd International Conference on Signal Processing and Communication, ICPSC 2021	10.1109/ICSPC51351.2021.9451800	17438225
104	Panda R.C., Chakraborty R., Choudhury T., Mathivanan K.E., Chakraborty S.	Human detecting sensors and end-to-end security model for design and manufacturing of IoT-based disinfectant sanitizer tunnel: an innovation against COVID-19	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_34	21984182
105	Sharma V.	Impact of corruption on the implementation of international law: An international criminal law perspective	The Transnationalization of Anti-Corruption Law	-	17426588
106	Pandey N., Gupta M., Phase D.M., Gupta A.	In situ N K-edge XANES study of iron, cobalt and nickel nitride thin films	Journal of Synchrotron Radiation	10.1107/S1600577521006822	8848289
107	Bhurat S., Pandey S., Chintala V., Sharma S., Kunwer R.	Influence of compression ratio and exhaust gas recirculation on light-duty diesel engine	Lecture Notes in Mechanical Engineering	10.1007/978-981-33-4795-3_45	9.78167E+12
108	Maithani R., Pandey J.K., Kumar A.	Influence of mobility, population and effective reproductive number (R) on the transmission of Coronavirus	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012059	18761100
109	Bhawna, Kumar S., Singh V.	Information hiding techniques for cryptography and steganography	Advances in Intelligent Systems and Computing	10.1007/978-981-15-7907-3_39	9.78173E+12
110	Bhardwaj A., Goundar S., Sapra L.	Infrastructure design to secure cloud environments against DDoS-Based attacks	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-69174-5_7	25228595
111	Punia S.K., Kumar M., Sharma A.	Intelligent data analysis with classical machine learning	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5566-4_71	9.78173E+12
112	Velmurugan R.S., Dhingra T.	Intelligent predictive maintenance: Industry 4.0	International Series in Operations Research and Management Science	10.1007/978-3-030-74154-9_5	25228595

Sr.	Authors	Title	Source title	DOI	ISSN/ISBN
113	Elngar A.A., Kumar R., Hayat A., Churi P.	Intelligent system for skin disease prediction using machine learning	Journal of Physics: Conference Series	10.1088/1742-6596/1998/1/012037	9320784
114	Sharma A., Tiwari S., Arora N., Sharma S.C.	Introduction to blockchain	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-65691-1_1	25228595
115	Chakraborty S., Chakravorty T., Bhatt V.	IoT and AI driven sustainable practices in airlines as enabler of passenger confidence, satisfaction and positive WOM: AI and IoT driven sustainable practice in airline	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	10.1109/ICAIS50930.2021.9395850	18761100
116	Bakshi G.	IoT Architecture vulnerabilities and security measures	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-69174-5_10	23674512
117	Katal A., Sharma K., Sethi V.	IoT based safety system: LPG/CNG Detection and alert	2021 International Conference on Intelligent Technologies, CONIT 2021	10.1109/CONIT51480.2021.9498285	17426588
118	Diwakar, M; Tripathi, A; Joshi, K; Memoria, M; Singh, P; Kumar, N	Latest trends on heart disease prediction using machine learning and image fusion	Materials Today-Proceedings	10.1016/j.matpr.2020.09.078	2474-9168
119	Shukla N., Gandhi C., Choudhury T.	Leveraging blockchain and SDN for efficient and secure IoT network	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-65691-1_10	25228595
120	Loha P., Chowdhury A.	LinkedIn Students: An extension of linkedin designed for college students to enhance their job-hunting experience	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0041-8_36	1860949X
121	Sharma M., Kumar R., Jain A.	Load Balancing in cloud computing environment: A broad perspective	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-15-9509-7_44	9.78167E+12
122	Agrawal P., Gupta S.C., Choudhury T.	Load balancing issues in cloud computing	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_10	21954356
123	Velmurugan R.S., Dhingra T.	Maintenance strategy, practices and spare parts management	International Series in Operations Research and Management Science	10.1007/978-3-030-74154-9_3	25228595
124	Chowdhury A., Chakraborty P.	Memes that evoke emotions: A neurodesign strategy for brand communication and experience	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0041-8_13	25228595

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125	Gangwar D.K., Katal A.	Memory leak detection tools: A comparative analysis	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology, RTEICT 2021	10.1109/RTEICT 52294.2021.9574 012	9090495
126	Katal A., Singh J., Kundnani Y.	Mitigating the effects of fake news using blockchain and machine learning	2021 2nd International Conference for Emerging Technology, INCET 2021	10.1109/INCET5 1464.2021.94562 05	17435889
127	Prasher P., Sharma M.	Mucoadhesive nanoformulations and their potential for combating COVID-19	Nanomedicine	10.2217/nnm-2021-0287	380644
128	Rani P., Kumar R., Jain A.	Multistage model for accurate prediction of missing values using imputation methods in heart disease dataset	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-15-9651-3_53	9.78167E+12
129	Sudharsan, J; Agarwal, M; Kudapa, VK	Nanotechnology for a green-proficient disposal of oilfield produced water	Materials Today-Proceedings	10.1016/j.matpr.2020.11.475	2214-7853
130	Ahuja S.K., Shukla M.K., Ravulakollu K.K.	Neural network-based surface corrosion classification on metal articles	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-33-4968-1_10	9.78167E+12
131	Kapoor A., Mishra R., Kumar P.	Novel wideband frequency selective surface based space borne filters for sub-6 GHz 5G devices	2021 International Conference on Nascent Technologies in Engineering, ICNET 2021 - Proceedings	10.1109/ICNTE5 1185.2021.94876 49	21900558
132	Anushka, Arya C., Tripathi A., Singh P., Diwakar M., Sharma K., Pandey H.	Object detection using deep learning: A review	Journal of Physics: Conference Series	10.1088/1742-6596/1854/1/012 012	17520452
133	Kumar S., Maithani R., Kumar A.	Optimal design parameter selection for performance of alumina nano-material particles and turbulence promotors in heat exchanger: An ahp-topsis technique	Materials Today: Proceedings	10.1016/j.matpr.2021.01.654	9.78074E+12
134	Miglani P., Katal A., Upadhyay H., Kochar J.	Optimal metro route identification using Q-learning	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology, RTEICT 2021	10.1109/RTEICT 52294.2021.9573 726	8848289
135	Khan I., Meena A., Richhariya P., Dewangan B.K.	Optimization in autonomic computing and resource management	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_9	22147853

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136	Vadhera K., Deshwal A., Tripathi A.	Optimization of systems-development life cycle through automation using ansible	Lecture Notes in Electrical Engineering	10.1007/978-981-16-1186-5_19	23673370
137	Hasija T., Kadyan V., Guleria K.	Out domain data augmentation on punjabi children speech recognition using tacotron	Journal of Physics: Conference Series	10.1088/1742-6596/1950/1/012044	9424962
138	Khan A., Saxena S., Baloni S., Sharma M., Kodavaty J.	Overview and methods in enhanced oil recovery	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012061	1487191
139	Singh M., Bharti A., Kodavaty J.	Overview of methods in oil spill technology	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012053	2181266
140	Sharma S., Das R.K., Kulkarni K.	Performance evaluation of solar air heater using sine wave shape obstacle	Lecture Notes in Mechanical Engineering	10.1007/978-981-33-4795-3_49	9.78173E+12
141	Singh V.K.	Policy and regulatory changes for a successful startup revolution: Experiences from the startup action plan in India	World Scientific Series in Finance	10.1142/9789811235825_0002	22147853
142	Akhter M.H., Ahmad J., Javed M.N., Haque R., Khalilullah H., Gupta M., Ali J.	Porphyrin-based nanomaterials for cancer nanotheranostics	Nanotechnology in the Life Sciences	10.1007/978-3-030-74330-7_9	21945357
143	Wadhwa, P; Aishwarya; Tripathi, A; Singh, P; Diwakar, M; Kumar, N	Predicting the time period of extension of lockdown due to increase in rate of COVID-19 cases in India using machine learning	Materials Today-Proceedings	10.1016/j.matpr.2020.08.509	2214-7853
144	Jain A., Tiwari S.	Prediction and visualisation of viral genome antigen using deep learning artificial intelligence	Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418356	18650929
145	Arya A., Kumar S., Singh V.	Prediction of defects in software using machine learning classifiers	Advances in Intelligent Systems and Computing	10.1007/978-981-15-7907-3_37	9.78173E+12
146	Gupta S.K., Ray A.K.	Preface: Special issue dedicated to the international conference "advances in chemical engineering-2020 (AdChE-2020)" UPES, Dehradun, India	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2021-0153	16130073

Sr.	Authors	Title	Source title	DOI	ISSN/ISBN
147	Gopinath P., Pujari M., Kotni T.R.	Preparation and application of low-cost ceramic membranes for separation of oil-water emulsion	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012076	976156
148	Kumar D., Kumar A., Singla A., Dewan R.	Production and tribological characterization of castor based biodiesel	Materials Today: Proceedings	10.1016/j.matpr.2021.02.009	21945357
149	Garg K., Chauhan N., Dutta C., Choudhury T.	Promising highest resilient network using preventive route selection algorithm-IPS DSDV in MANET	Lecture Notes in Networks and Systems	10.1007/978-981-15-9774-9_4	25228595
150	Kumar A., Jain S.	Proof of Game (PoG): A Proof of Work (PoW)'s Extended consensus algorithm for healthcare application	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5113-0_2	978-981-15-5113
151	Kaur H., Bhardwaj V., Kadyan V.	Punjabi children speech recognition system under mismatch conditions using discriminative techniques	Lecture Notes in Networks and Systems	10.1007/978-981-33-4543-0_21	9.78074E+12
152	Adlakha N., Ridhima, Katal A.	Real time stock market analysis	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	10.1109/ICSCAN53069.2021.9526506	9441344
153	Hasija T., Kadyan V., Guleria K.	Recognition of children Punjabi speech using tonal non-tonal classifier	2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021	10.1109/ESCI50559.2021.9397041	18761100
154	Raju T.B., Sharma A., Sen V.	Relationship between renewable energy and CO2 emissions in BRICS countries	Lecture Notes in Electrical Engineering	10.1007/978-981-16-1186-5_12	23673370
155	Prasher P., Fatima R., Sharma M.	Resistant starch: Ideal candidate for the enteric coating of NSAIDs?	Future Medicinal Chemistry	10.4155/fmc-2021-0160	8848289
156	Goyal U., Negi A., Adhikari A., Gupta S.C., Choudhury T.	Resume data extraction using NLP	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_41	21954356
157	Sharma P., Kudapa V.K.	Rheological study of fluid flow model through computational flow dynamics analysis and its implications in mud hydraulics	Materials Today: Proceedings	10.1016/j.matpr.2021.06.058	21906815
158	Sharma R., Kukreja V., Kadyan V.	Rice diseases detection using convolutional neural networks: A survey	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021	10.1109/ICACITE51222.2021.9404620	18761100

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159	Kaushik S.	Securing ERP cyber systems by preventing holistic industrial intrusion	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-69174-5_6	23674512
160	Bhuyan B.P., Saha S.	Selection of mobile node using game and graph theory for video streaming application	Lecture Notes in Electrical Engineering	10.1007/978-981-16-3067-5_24	22147853
161	Malhotra R., Dewangan B.K., Chakraborty P., Choudhury T.	Self-protection approach for cloud computing	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_12	22147853
162	Katal A., Bajoria V., Sethi V.	Simulated annealing based approach for virtual machine live migration	2021 8th International Conference on Smart Computing and Communications: Artificial Intelligence, AI Driven Applications for a Smart World, ICSCC 2021	10.1109/ICSCC51209.2021.9528160	14777282
163	Kapoor A., Mishra R., Kumar P.	Slotted wideband frequency selective reflectors for sub-6 GHz 5G devices	Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2021	10.1109/ICCCIS51004.2021.9397157	18761100
164	Praveen P., Shaik M.A., Kumar T.S., Choudhury T.	Smart farming: Securing farmers using block chain technology and IOT	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-65691-1_15	25228595
165	Adlakha P., Dhawan H., Jain A., Sri Harsha R., Thakur P., Awasthi L., Kumar R., Jethi N.	Space exploration mission to study Titan's environment and conducting experiments	AIAA Scitech 2021 Forum	-	9.78173E+12
166	Lv Z., Wang J.-Y., Kumar N., Lloret J.	Special issue on "augmented reality, virtual reality & semantic 3d reconstruction"	Applied Sciences (Switzerland)	10.3390/app11188590	8848289
167	Verma S., Popli R., Kumar H., Tanwar R.	Story point based effort estimation model with machine learning techniques in healthcare	Communications in Computer and Information Science	10.1007/978-981-16-1480-4_50	25228595
168	Chowdhury A., Karkun P.	Strategies of affective instructional design for elderly	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_1	9.78173E+12
169	Kaur P., Bhardwaj L., Tanwar R.	Structural health monitoring system for bridges using internet of things	Lecture Notes in Networks and Systems	10.1007/978-981-15-7130-5_64	9.78074E+12
170	Kadyan V., Kathania H., Govil P., Kurimo M.	Synthesis speech based data augmentation for low resource children ASR	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10.1007/978-3-030-87802-3_29	21954356

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171	Tiwari S.K., Umamaheswara Rao A., Reddy N., Sharma H., Pandey J.K.	Synthesis, characterization and finite element analysis of polypropylene composite reinforced by jute and carbon fiber	Materials Today: Proceedings	10.1016/j.matpr.2021.01.897	22147853
172	Prasher P., Sharma M., Gunupuru R.	Targeting cyclooxygenase enzyme for the adjuvant COVID-19 therapy	Drug Development Research	10.1002/ddr.21794	17426588
173	Prasher P., Sharma M.	Targeting N-acetylgalactosaminyltransferase for anticancer therapy	Drug Development Research	10.1002/ddr.21744	18761100
174	Meera C.S., Bodavula A., Sairam P.S.	Technological opportunities to fight COVID-19 for Indian scenario	Use of AI, Robotics, and Modern Tools to Fight Covid-19	-	17426588
175	Amrita, Gupta P.	Test case prioritization based on requirement	Lecture Notes in Networks and Systems	10.1007/978-981-16-1089-9_26	23673370
176	Shukla P., Richhariya P., Dewangan B.K., Choudhury T., Um J.-S.	The architecture of autonomic cloud resource management	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_14	22147853
177	Gupta G., Al-Malki W.H., Kazmi I., Thangavelu L., Gupta P.K., Jha N.K., Prasher P., Singh S.K., Dua K.	The role of HGF/MET in liver cancer	Future Medicinal Chemistry	10.4155/fmc-2021-0128	2724391
178	Prasher P., Fatima R., Sharma M.	Therapeutic delivery with V-amylose	Drug Development Research	10.1002/ddr.21804	8848289
179	Sarishma, Tomar R., Kumar S., Awasthi M.K.	To beacon or not?: Speed based probabilistic adaptive beaconing approach for vehicular Ad-Hoc networks	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	10.1007/978-3-030-76063-2_12	23673370
180	Sharma M., Kumar R., Jain A., Dewangan B.K., Um J.-S., Choudhury T.	Towards industry 4.0 through cloud resource management	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_15	22147853
181	Rawat A., Singhal A., Choudhury T.	Towards securing cloud & information - vision & challenges	Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engg.	10.1109/Confluence51648.2021.9377125	20101082
182	Chawla T.S., Hazra A., Raigar R.K., Lal K.	Towards sustainable economic growth: Use of brick waste powder in oil well cement applications	Proceedings of the IADC/SPE Asia Pacific Drilling Technology Conference, APDT	10.2118/201080-MS	22147853
183	Singh D., Ranganathan A., Diddakuntla G.	Tribological analysis of putranjiva oil with effect of CuO as an additive	Materials Today: Proceedings	10.1016/j.matpr.2021.01.378	21945357

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184	Sharma R.R.K., Amir M., Jha A., Sinha P.	Two formulations of multi item lot sizing problem with set up, inventory, production and backorder costs: Results of an empirical investigation	2021 IEEE 8th International Conference on Industrial Engineering and Applications, ICIEA 2021	10.1109/ICIEA5 2957.2021.94368 23	17578981
185	Tang L., Patel A., Sweeney D.J., Banerjee N., Thakur A.K., Chaudhari P., Kumar R., Joshi J.	Understanding household energy challenges in Himalayan communities using participatory design approaches	Proceedings of the ASME Design Engineering Technical Conference	10.1115/DETC20 21-67972	21903018
186	Jain A., Sharma A., Wang J., Ram M.	Use of AI, Robotics, and modern tools to fight COVID-19	Use of AI, Robotics, and Modern Tools to Fight Covid-19	-	17426588
187	Ranjit P.S., Bhurat S.S., Saravanan A., Murugan M., Kamesh V.V., Kumar P., Singh Y., Mahesh G.S.	Use of Schleichera oleosa biodiesel blends with conventional diesel in a compression ignition engine - A feasibility assessment	Materials Today: Proceedings	10.1016/j.matpr.2 021.02.370	22147853
188	Katal A., Sethi V., Lamba S.	Virtual machine scaling in autonomic cloud resource management	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71756-8_17	23662557
189	Sha A., Srivastava A., Haldia M., Kumar P., Badoni P.	Virtual reality-based fire safety training for the indian context	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0119-4_67	25228595
190	Goenka N., Tiwari S.	Volumetric convolutional neural network for Alzheimer detection	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI5 1242.2021.94530 43	17426588
191	Mandal, CS; Agarwal, M; Reddy, V; Kudapa, VK	Water from air - A sustainable source of water	Materials Today-Proceedings	10.1016/j.matpr.2 020.11.477	2214-7853
192	Sharma H., Kumar Tiwari S., Singh Chauhan V., Kumar R., Gulati P.	Wear analysis of friction stir processed aluminum composite reinforced by boron carbide	Materials Today: Proceedings	10.1016/j.matpr.2 021.02.468	22147853
193	Tiwari S.K., Dasgotra A., Singh V.K., Umamaheswararao A., Pandey J.K.	Wear characteristics of aluminum composite reinforced by multiwall carbon nanotubes	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-0976-3_13	23673370
194	Krishnamurthi R., Gopinathan D., Kumar A.	Wearable devices and COVID-19: State of the art, framework, and challenges	Studies in Systems, Decision and Control	10.1007/978-3-030-60039-6_8	9.78167E+ 12
195	Ashok J., Badoni P.	Web content authentication: A machine learning approach to identify fake and authentic web pages on internet	Lecture Notes in Networks and Systems	10.1007/978-981-16-0882-7_6	23673370

ACADEMIC AND SCHOLARLY ACTIVITIES

CONFERENCES

Sr.	Program Title	School	Type (International/National)	From Date	To Date	Total Participants
1	Sustainable Management of Environment & Natural Resource through Innovation in Science and Technology (SMTST 2020)	SOE	International	07-Aug-20	08-Aug-20	200
2	Sustainable infrastructure development: innovations and advances" (SIDIA 2020)	SOE	International	17-Aug-20	18-Aug-20	200
3	4th International Conference on Intelligent Communication, Control and Devices (ICICCD 2020)	SOE	International	27-Nov-20	28-Nov-20	55
4	3rd International Conference on Advances in the Field of Health, Safety, Fire, Environment, and Allied Sciences	SOE	International	18-Dec-20	19-Dec-20	150+
5	3rd Biennial Oil, Gas & Petrochemical Conference (OGPC2020)	SOE	International	28-Dec-20	29-Dec-20	100+
6	ICAAAIML2020	SOCS	International	29-Oct-20	30-Oct-20	Online
7	International conference on Advancements in Engineering and Sciences	SOCS	International	1-Jul-21	2-Jul-21	Online
8	International Conference on Advanced Computing and Communication Technology	SOCS	International	6-May-21	7-May-21	Online
9	International Conference on Reliability, Infocom Technologies and Organization	SOCS	International	3-Sep-21	4-Sep-21	Online
10	International Conference on data Science and Application	SOCS	International	10-Apr-21	11-Apr-21	Online
11	International Conference On Computing, Communication And Networking Technologies	SOCS	International	6-Jul-21	7-Aug-21	Online
12	International Conference on Advanced Computational and Communication Paradigms	SOCS	International	22-Mar-21	23-Mar-21	Online
13	International Conference on Machine Learning, Advances in Computing, Renewable Energy and Communication:MARC2020	SOCS	International	17-Dec-20	18-Dec-20	Online
14	International Conference on Computing on Sustainable Global Development	SOCS	International	17-Mar-21	19-Mar-21	Online
15	International Conference on Innovation in Cyber Physical Systems	SOCS	International	22-Oct-20	23-Oct-20	Online
16	International Conference on Artificial Intelligence and Energy System	SOCS	International	12-Jun-21	13-Jun-21	Online
17	1st International Conference on Cyber Intelligence and Information Retrieval (CIIR 2021)	SOCS	International	20-May-21	21-May-21	Online

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
18	5th International Conference on Trends in Electronics and Informatics ICOEI 2021	SOCS	International	3-May-21	5-May-21	Online
19	8th International Conference on Signal Processing and Integrated Networks (SPIN 2021)	SOCS	International	26-Aug-21	27-Aug-21	Online
20	International Conference on Intelligent Computing in Information Technology for Engineering System (ICICITES-2021)	SOCS	International	25-Jun-21	26-Jun-21	200+
21	International Conference on Energing Trends in Science and Technology	SOCS	International	21-Aug-20	20-Aug-20	100
22	Signal Processing and Integrated Networks (SPIN-2021)	SOCS	International	26-Aug-21	27-Aug-21	200+
23	International Conference on Innovation and Sustainability	SOCS	International	5-Feb-21	6-Feb-21	Online
24	Congress on Advances in Mechanical and Systems Engineering - CAMSE 2021, Dr. B. R. Ambedkar National Institute of Technology Jalandhar	SOCS	International	17-Jul-21	19-Jul-21	200+
25	International Research Conference on IoT, Cloud and Data Science - IRCICD' 21 organized by SRM Institute of Science And Technology (Vadapalani Campus), Chennai, Tamilnadu, India.	SOCS	International	23-Apr-21	24-Apr-21	100+
26	International Conference on Industry 4.0- Advanced Information and Communication Technologies [ICAICT-2021] organized Saraswati College of Engineering, Navi Mumbai-410210	SOCS	International	7-May-21	7-May-21	100+
27	International Conference on Current Trends in Advanced Computing 2021 (ICCTAC) an Online Conference organised by Department of Computer Science, Kristu Jayanti College (Autonomous), Bangalore.	SOCS	International	3-Jun-21	4-Jun-21	200+
28	ICAIAEE-2020 (International Conference on Artificial Intelligence and its Applications in Electrical Engineering-2020), At YCCE, Nagpur.	SOCS	International	18-Dec-20	19-Dec-20	200+
29	International Conference on Data Science, Machine Learning and Blockchain Technology (AICDMB-2021) organized by Department of Computer Science & Engineering, Vidyavardhaka College of Engineering, Mysuru, Feburary 15 and 16, 2021	SOCS	International	15-Feb-21	16-Feb-21	200+
30	International Conference on Advances in Computing and Data Sciences (ICACDS 2021)	SOCS	International	20-Apr-21	21-Apr-21	200+
31	2nd International Conference on Data Science and Applications (ICDSA 2021)	SOCS	International	24-Apr-21	25-Apr-21	200+
32	International Conference On VLSI & Microwave and Wireless Technologies	SOCS	International	20-Mar-21	21-Mar-21	200+

Sr.	Program Title	School	Type (International/National)	From Date	To Date	Total Participants
33	2nd International Conference on Intelligent Computing Techniques for Smart Energy Systems (ICTSES-2021)	SOCS	International	21-Jul-21	22-Jul-21	200+
34	International conference on Socio-Economic and Health Challenges due to COVID-19 and Mitigation Strategies (SEHCM - 2020), SCOPUS	SOCS	International	23-Oct-20	24-Oct-20	200+
35	International Conference on Machine Intelligence and Data Science (MIDAS) 2020	SOCS	International	4-Sep-20	5-Sep-20	200+
36	"International Conference on Advanced Computing and Communication Technology, ICACCT 2021"	SOCS	International	6-May-21	7-May-21	200+
37	"International Conference on Advancements in Engineering and Sciences: (ICAES2021)	SOCS	International	1-Jul-21	2-Jul-21	200+
38	International Conference On VLSI & Microwave and Wireless Technologies 2021	SOCS	International	20-Mar-21	21-Mar-21	100+
39	2nd Global Conference on Artificial Intelligence and Applications 2021	SOCS	International	8-Sep-21	10-Sep-21	200+
40	ICRITO 2021	SOCS	International	3-Sep-21	4-Sep-21	200+
41	International Conference on fourth Industrial Revolution based technology and practices (ICFIRTP 2021)	SOCS	International	26-Mar-21	27-Mar-21	200+
42	International Conference On VLSI & Microwave and Wireless Technologies	SOCS	International	20-Mar-21	21-Mar-21	100+
43	12th ICCCNT 2021	SOCS	International	6-Jul-21	8-Jul-21	Online
44	ICIVC 2021	SOCS	International	3-Oct-20	4-Oct-20	Online
45	ISPCC 2021	SOCS	International	7-Oct-20	9-Oct-20	Online
46	Digital Transformation Before and After COVID-19"	SOB	National	4-Jul-20	4-Jul-20	60
47	Management: Preparing Leaders for tomorrows Business world	SOB	National	30-Jul-20	30-Jul-20	45
48	MCX Certified Commodity Professional (MCCP)	SOB	National	27-Jul-20	1-Aug-20	52
49	Paper Development	SOB	International	1-Aug-20	1-Aug-20	55
50	Constraints of project management	SOB	National	16-Oct-20	16-Oct-20	200+
51	Project Management: Issues, Disruptions and Restart	SOB	National	16-Oct-20	16-Oct-20	200+
52	Project Management: Pre Awarded Stage (Pre-qualification, estimation and tendering)	SOB	National	16-Oct-20	16-Oct-20	200+
53	New Approaches to Project Management in a VUCA World	SOB	National	16-Oct-20	16-Oct-20	200+

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
54	Project Management: New Product Development	SOB	National	16-Oct-20	16-Oct-20	200+
55	Build your own business while in college	SOB	National	17-Oct-20	17-Oct-20	100+
56	Digital Marketing	SOB	National	18-Oct-20	18-Oct-20	75
57	Driving factors of airports, traditional business v/s modern business, different departments at an airport	SOB	International	23-Oct-20	23-Oct-20	150+
58	Evolvement of Airline Network and technology in Airline Revenue Management	SOB	International	23-Oct-20	23-Oct-20	150+
59	Indian Aviation industry and its offerings to the aviation industry	SOB	International	23-Oct-20	23-Oct-20	150+
60	Development of Water Aerodrome in India	SOB	International	23-Oct-20	23-Oct-20	150+
61	Importance of learning through IATA courses and diplomas.	SOB	International	23-Oct-20	23-Oct-20	150+
62	Manufacturing, consulting, technology, and supply chain.	SOB	International	6-Nov-20	6-Nov-20	50+
63	Supply Chain of FMCG.	SOB	International	6-Nov-20	6-Nov-20	50+
64	Analytics in the Industry.	SOB	International	6-Nov-20	6-Nov-20	50+
65	COVID Impact on the Supply Chain of FMCG & Tyre Industry.	SOB	International	6-Nov-20	6-Nov-20	50+
66	Lead cargo infrastructure and cargo facilities management	SOB	International	6-Nov-20	6-Nov-20	50+
67	Pre and post-COVID Supply Chain Management.	SOB	International	6-Nov-20	6-Nov-20	50+
68	Linear thinking to compete with machines in the era of Artificial Intelligence (AI)	SOB	International	22-Nov-20	22-Nov-20	150+
69	Fourth Industrial Revolution	SOB	International	22-Nov-20	22-Nov-20	150+
70	Business strategy and their business models	SOB	International	22-Nov-20	22-Nov-20	150+
71	Importance of role of governance and regulators	SOB	International	22-Nov-20	22-Nov-20	150+
72	Demand of employees from IT sector	SOB	International	22-Nov-20	22-Nov-20	150+
73	Atma Nirbhar Bharat	SOB	International	22-Nov-20	22-Nov-20	150+
74	Cost of technology/Censored technology, Competition and Connectivity	SOB	International	22-Nov-20	22-Nov-20	150+
75	Understanding social media marketing: A systematic literature review and directions for further research	SOB	National	28-May-21	28-May-21	45
76	Rural Problem Review: Moving from Unstructured to Structured	SOB	National	4-Jun-21	4-Jun-21	14

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
77	Thematic literature review on consumer purchase decision in FMCG industry.	SOB	National	8-Jan-21	8-Jan-21	15
78	Big data analytics adoption 3	SOB	National	15-Jan-21	15-Jan-21	6
79	Strategy for implementation of sustainable development goals'	SOB	National	16-Jan-21	16-Jan-21	60
80	Marketing in Adversity	SOB	National	24-Jan-21	24-Jan-21	80
81	Humanitarian Supply Chain	SOB	International	27-Jan-21	27-Jan-21	40
82	A Conversation on Carrer Dilemmas	SOB	National	5-Feb-21	5-Feb-21	250
83	How can China's wind blindness be solved for a sustainable South China Sea: Role of Offshore Wind Energy	SOB	National	5-Feb-21	5-Feb-21	11
84	Theoretical Underpinning through the lense of Social Media Marketing.	SOB	National	12-Feb-21	12-Feb-21	12
85	The pre-Covid-19 flight volumes	SOB	National	15-Feb-21	15-Feb-21	200
86	UV-C disinfectant , Taxiboat and Aircraft Recovery Project	SOB	National	15-Feb-21	15-Feb-21	200
87	Introduction of UV Based Technology in Air India Express at DelhI International Airport.	SOB	National	15-Feb-21	15-Feb-21	200
88	Robotic technologies in airline operations	SOB	National	15-Feb-21	15-Feb-21	200
89	Community-Based Tourism	SOB	International	4-Mar-21	4-Mar-21	35
90	Collaborative Decision Making	SOB	National	29-Jun-21	29-Jun-21	148
91	Systematic literature review on Big data in oil & gas	SOB	National	6-Jul-20	6-Jul-20	50+
92	Customers' acceptance of AI device use in service delivery	SOB	National	14-Jul-20	14-Jul-20	45
93	Systematic Literature Review - 3	SOB	National	20-Jul-20	20-Jul-20	50+
94	Spinner Innovation Model	SOB	National	28-Jul-20	28-Jul-20	50+
95	Publishing research in reputed journals	SOB	International	1-Aug-20	1-Aug-20	50+
96	Systematic Literature Review on Big data in Oil and Gas 2	SOB	National	20-Aug-20	20-Aug-20	50
97	The Influence Of Social Media Marketing Adopted By E Commerce Companies On Consumer Purchase Decision In FMCG Industry - Systematic Literature Review	SOB	National	4-Sep-20	4-Sep-20	50+
98	Big Data Analytics Adoption	SOB	National	11-Sep-20	11-Sep-20	60
99	Meta-Analysis	SOB	National	1-Oct-20	1-Oct-20	45
100	Setting background for Offshore Wind Energy	SOB	National	9-Oct-21	9-Oct-21	60

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
101	Thematic literature review: A quick glance on the influence of social media marketing adopted by e-commerce companies on consumer purchase decision in FMCG industry	SOB	National	16-Oct-20	16-Oct-20	70
102	The impact of insurance on Climate change induced catastrophe affecting offshore wind energy	SOB	National	23-Oct-20	23-Oct-20	50
103	An overview on the influence of social media marketing adopted by e-commerce companies on consumer purchase decision in FMCG industry	SOB	National	30-Oct-20	30-Oct-20	70+
104	Big Data Analytics adoption 2	SOB	National	20-Nov-20	20-Nov-20	65+
105	Insuring Offshore wind energy in South China Sea	SOB	National	11-Dec-20	11-Dec-20	50+
106	Teaching/Practicing Marketing Research	SOB	National	29-Jan-21	31-Jan-21	90
107	'Wetland Conservation and Biodiversity Monitoring of Ganga and its tributaries	SOB	National	9-Mar-21	11-Mar-21	25
108	Research Methodology for Managers - Applications in Power Sector For NTPC	SOB	National	28-May-21	29-May-21	15
109	International Debate on Examinations and Assessments 2021 a great success.	SOB	International	8-Jun-21	11-Jun-21	210
110	Online learning w.r.t. entrance exams of colleges and public exams. A comparison with conventional offline market	SOB	National	18-Jun-21	18-Jun-21	10
111	Optimal Hybrid Microgrid Energy Strategy In Willingdon Island	SOB	National	25-Jun-21	25-Jun-21	10
112	Gharats: The Aatma of Aatma-Nirbhar Himalayas	SOB	National	11-Mar-21	11-Mar-21	20
113	The Geopolitical Risks of Nuclear Power and Assessment of Risks of Offshore Wind: A Case of Kudankulam Nuclear Power Plant	SOB	National	19-Mar-21	19-Mar-21	15
114	Latest trends followed in the logistics sector. Blockchain technology applications, AI, thriving 3PL and 4PL and efficient lastmile delivery	SOB	International	19-Mar-21	19-Mar-21	90
115	Artificial Intelligence & Its Relevance in Logistics '	SOB	International	19-Mar-21	19-Mar-21	90
116	Challenges faced by the logistics industry	SOB	International	19-Mar-21	19-Mar-21	90
117	Analytics in Industry	SOB	International	19-Mar-21	19-Mar-21	90
118	Leveraging AI in Transport	SOB	International	19-Mar-21	19-Mar-21	90
119	8th Bihar Entrepreneurship Summit	SOB	National	21-Mar-21	21-Mar-21	450
120	Operational Research (OR) in National Tuberculosis Elimination Program (NTEP)	SOB	National	22-Mar-21	22-Mar-21	90
121	Big Data Analytics	SOB	National	27-Mar-21	27-Mar-21	60

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
122	Critical examination of Digital Involvement cycle through the lens of Social Media Marketing	SOB	National	9-Apr-21	9-Apr-21	9
123	Target driven performance management system and the process of Performance Evaluation in organization	SOB	National	12-Apr-21	12-Apr-21	29
124	Board Influence - How Women are changing the way companies work	SOB	National	15-Apr-21	15-Apr-21	80
125	Training need analysis	SOB	National	17-Apr-21	17-Apr-21	29
126	General Management, Track 3A	SOB	National	22-Apr-21	22-Apr-21	50
127	LNG Process, Storage & Loading And Evolving LNG Markets	SOB	International	24-Apr-21	24-Apr-21	63
128	Overview of the aviation industry in India	SOB	National	25-Apr-21	25-Apr-21	80
129	Understanding social media marketing: A systematic literature review and directions for further research	SOB	National	30-Apr-21	30-Apr-21	14
130	Risk Management: Introductory Concepts	SOB	National	2-May-21	2-May-21	12
131	System Dynamics Modeling: The Way Forward	SOB	National	7-May-21	7-May-21	12
132	Impact Of E-Learning On Brick-And-Mortar Tuition And Coaching Centers Of India	SOB	National	13-May-21	13-May-21	16
133	Fundamentals of Digital Economics	SOB	National	17-May-21	17-May-21	430
134	Digital Markets	SOB	National	18-May-21	18-May-21	415
135	City Gas Distribution	SOB	National	18-May-21	18-May-21	40
136	Communication in Virtual Age	SOB	National	19-May-21	19-May-21	440
137	"How to Write Literature Review and Use Mendley for Smart Referencing in Research Work?"	SOB	National	19-May-21	19-May-21	55
138	Agripreneurship Orientation Program	SOB	National	21-May-21	21-May-21	56
139	Energy Allies in North sea and Baltic sea: An approach towards sustainable energy policy	SOB	National	21-May-21	21-May-21	30
140	Success Stories of SHGs, FPOs & Creation of Enterprise	SOB	National	25-May-21	25-May-21	60
141	Qualitative Research	SOB	National	14-Jul-20	14-Jul-20	129
142	Research Philosophy	SOB	National	15-Jul-20	15-Jul-20	68
143	AI/Analytics in university education system – A must for future proof career option".	SOB	National	23-Aug-20	23-Aug-20	84
144	"AI & Analytics – The most sought after career opportunity for new age professional & aspirants".	SOB	National	29-Aug-20	29-Aug-20	118

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
145	Reseach Methodology	SOB	National	23-Nov-20	23-Dec-20	134
146	Application of Sampling Theory in Engineering	SOB	National	28-Nov-20	29-Nov-20	89
147	Use of Testing of Hypothesis & ANOVA in Data Science and Engineering"	SOB	National	5-Dec-20	6-Dec-20	86
148	The Significance of AACSB Accreditation for Business Management Education	SOB	International	11-Dec-20	11-Dec-20	103
149	Case Study is a concept	SOB	National	18-Dec-20	18-Dec-20	117
150	Collaboration and Conflict Management	SOB	National	18-Dec-20	18-Dec-20	102
151	Evaluation of Research Project Proposal	SOB	National	28-Dec-20	29-Dec-20	102
152	The Future of Management Education: Leadership for the New Normal	SOB	National	18-Dec-20	19-Dec-20	56
153	Making Youth Self Reliant: 'Mentorship, Promoting Startups, Raising Funding and Networking	SOB	National	19-Dec-20	19-Dec-20	114
154	CII SEMINAR	SOD	National Conference	28-Jul-20	29-Jul-20	1200
155	HWWE 2020: Occupational stress factors associated with quality of life among government and non government bus drivers of Kolkata City	SOD	International Conference	10-Dec	12-Dec-20	200
156	International Upcycling Symposium 2020: Research and Practice 2020	SOD	International Conference	4-Sep-20	4-Sep-20	-
157	Association Typographique Internationale (ATypI)	SOD	International Conference	27-Oct-20	31-Oct-20	-
158	UX India	SOD	International Conference	7-Dec-20	12-Dec-20	-
159	Type Drives Communities	SOD	International Conference	7-May-21	8-May-21	-
160	Typographics Festival (Type @ Cooper)	SOD	International Conference	17-Jun-21	20-Jun-21	-
161	8th International Conference on Research into Design (ICoRD-21)	SOD	International Conference	7-Jan-21	10-Jan-21	-
162	"RANGBHOOMI" Book Chapter Series	SOD	Book chapter publication	8-Sep-20	8-Nov-20	-
163	GI Mahotsav	SOD	National Conference	4-Mar-21	5-Mar-21	-

SEMINARS / WORKSHOPS/ WEBINARS / SUMMITS / PANEL DISCUSSIONS

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
1	Current Engineering Industry Scenarios in Hydrocarbon Sectors	SOE	National	03-Jul-20	03-Jul-20	100
2	Future of technical education amid Covid -19 and other disruptions	SOE	National	07-Jul-20	07-Jul-20	55
3	Current Electrical & Electronics Trends in Industries	SOE	National	11-Jul-20	11-Jul-20	80
4	Future Scope of Electrical & Electronics Engineering students	SOE	National	11-Jul-20	11-Jul-20	80
5	Future Scope of Chemical Engineering in Oil & Gas Sectors with consideration of COVID-19	SOE	National	21-Aug-20	21-Aug-20	90
6	Rocket Technology & Future Scope of Avionics Engineering	SOE	National	29-Aug-20	29-Aug-20	55
7	"Predictive Simulations: From in Situ to in Silico"	SOE	National	10-Sep-20	10-Sep-20	90+
8	Higher education opportunities available in France with Network N+I for UPES students	SOE	National	20-Oct-20	20-Oct-20	50
9	Overview of Shale Gas Exploration and Production	SOE	National	27-Oct-20	27-Oct-20	50
10	Webinar on Electrifying Mobility: Benefits & Challenges for UPES Aerospace/Avionics/ADE/ Mechanical Engineering Students'	SOE	National	24-Nov-20	24-Nov-20	30
11	What is a predatory journal and how can Indian researchers avoid them	SOE	National	26-Nov-20	26-Nov-20	50
12	Technology Intervention and Societal Growth	SOE	National	11-Dec-20	11-Dec-20	25
13	Need For Skill Development Ecosystem	SOE	National	12-Dec-20	12-Dec-20	11
14	Fire Detection Systems & Remote Technologies	SOE	National	14-Dec-20	14-Dec-20	11
15	Fire Due To Short Circuit And Safety In Hospital	SOE	National	15-Dec-20	15-Dec-20	11
16	Nanomaterials enabled futuristic sensors based on microfluidic platform	SOE	National	15-Jan-21	15-Jan-21	100+
17	Future of Work - Job Opportunities, Cube Sats and Astropreneurship.	SOE	National	16-Jan-21	16-Jan-21	100+
18	Launching Kalpana Chawla: In the realm of Astronaut Maker	SOE	National	17-Apr-21	17-Apr-21	100+
19	Electrical Safety Standards To Mitigate Fire	SOE	National	18-Dec-20	18-Dec-20	8
20	Synchrotron X-rays and Magnetism	SOE	National	19-Feb-21	19-Feb-21	100+
21	Indian Space Progranne	SOE	National	01-Dec-20	01-Dec-20	150
22	Virtual Seminar on Nanomaterials enabled futuristic sensors based on microfluidic platform	SOE	National	22-Jan-21	22-Jan-21	100+

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
23	Virtual seminar on Development of nanophosphors for luminescence based applications	SOE	National	29-Jan-21	29-Jan-21	100+
24	Understanding the unconventional: CBM and Shale Gas	SOE	National	02-Dec-20	02-Dec-20	50
25	Sustainable a Mindset	SOE	National	30-Dec-20	30-Dec-20	45
26	L.U.DO LET US DO	SOE	National	03-Dec-20	03-Dec-20	11
27	Distinguish Lecture / Webinar on "Indian Automotive Sector: Creating Future-Ready Professional"	SOE	National	04-Mar-21	04-Mar-21	100+
28	The Impact of COVID-19 on chemical/material Industry	SOE	National	06-Apr-21	06-Apr-21	100+
29	Vds/Cen Design Of Fire Detection & Alarm Systems	SOE	National	07-Dec-20	07-Dec-20	9
30	Lecture On Contracts And Claims Management	SOE	National	02-Feb-21	02-Feb-21	5
31	Dr. Isaac Leventon NIST, US	SOE	National	24-Feb-21	24-Feb-21	150
32	Biodiesel-An alternate Fuel for Atam nirbhar Bharat	SOE	National	27-Feb-21	27-Feb-21	110
33	Safety in engineering Industry	SOE	National	27-May-21	27-May-21	15
34	Expand your resources for remote learners with the IEEE eLearning Library	SOCS	National	18-May-20	18-May-20	100+
35	VLDB 2021 Crowd Science Workshop	SOCS	International	20-Aug-21	20-Aug-21	Online
36	ACM iSIGCSE intercative webinar on Tecahing IoT: Practical, Industry relevant, Hands-on, and system level approaches on 23 July 2021 8:30 pm IST	SOCS	International	23-Jul-21	23-Jul-21	200+
37	Workshop on Data Mining and its Applications	SOCS	National	7-Mar-21	11-Mar-21	50
38	IEEE Workshop on Spatial Geoinformatics using Machine Learning Approaches	SOCS	International	23-Sep-21	25-Sep-21	Online
39	The core of Computational Intelligence: Volume-II- Accelerating Artificial Intelligence including robotics and IoT interventions	SOCS	National	4-Feb-21	6-Feb-21	50+
40	Virtual global summit on Artificial Intelligence: Responsible AI for Social Empowerment (RAISE2020)	SOCS	National	5-Oct-20	9-Oct-20	250
41	Blockchain Technology	SOCS	National	29-Aug-20	30-Aug-20	300+
42	National Workshop on Cyber Security & Crime (NAWCYSCRI-21)	SOCS	National	5-Jan-21	5-Jan-21	150
43	Entrepreneurship Development	SOCS	National	2-Oct-20	2-Oct-20	400
44	Entrepreneurship Development	SOCS	National	25-Jul-20	28-Jul-20	250
45	C Workshop	SOCS	National	17-Jan-21	17-Jan-21	22

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
46	AWS Trainings and Certifications	SOCS	National	17-Apr-21	17-Apr-21	18
47	Enlightening young minds about cloud computing with AWS	SOCS	National	4-Aug-20	4-Aug-20	30
48	AWS Well Architected Framework	SOCS	National	9-Dec-20	26-09-20	35
49	Information Security: An insight	SOCS	National	17-Oct-20	17-Oct-20	25
50	Enabling the Era of Cloud Security	SOCS	National	31-Oct-20	31-Oct-20	28
51	Cloud Orientation	SOCS	National	27-Nov-20	27-Nov-20	32
52	Career Counselling Series	SOCS	National	5-Feb-21	7-Feb-21	40
53	Blockchain Technology	SOCS	National	27-Feb-21	27-Feb-21	40
54	Portfolio Creation from Scratch	SOCS	National	20-Jun-21	20-Jun-21	25
55	Cyber Hygiene in Pandemic	SOCS	National	26-Jun-21	26-Jun-21	20
56	Everlasting Mainframes	SOCS	National	12-Dec-20	12-Dec-20	27
57	Carbon Capture, Storage and Re-Use (CCSU) For Accenture	SOB	National	12-Jul-201	23-Jul-21	15
58	Financial Inclusion Initiatives for Sustainable Business Opportunities in India	SOB	National	11-Oct-21	11-Oct-21	50
59	Seminar On 21st Century Learning	SOD	National	30-Sep-20	30-Sep-20	150
60	DQ Labs Design Hackathon	SOD	National	22-Aug-20	23-Aug-20	150
61	Sustainability in the Fashion Industry	SOD	National	4-Feb-21	4-Feb-21	70
62	Typecraft Workshop	SOD	National	17-Jun-21	17-Jun-21	20
63	GI Mahotsav at LBSNAA, Mussoorie	SOD	National	4-Mar-21	5-Mar-21	200+
64	Industrial Design - Future in Lighting	SOD	National	20-Nov-20	20-Nov-20	100
65	Creative Quick Model Making	SOD	National	22-Nov-20	22-Nov-20	80
66	Virtual France Alumni Networking Even	SOD	International	16-Jun-21	16-Jun-21	35
67	Lighting Workshop	SOD	National	20-Nov-20	20-Nov-20	100
68	Lighting Workshop	SOD	National	20-Oct-20	20-Oct-20	100
69	Lighting Workshop	SOD	National	18-Oct-20	18-Oct-20	60
70	ReThink ReUSe ReConnect	SOD	National	4-Aug-20	6-Aug-20	65
71	ReThink ReUSe ReConnect	SOD	National	11-Aug-20	13-Aug-20	60
72	Meet SOD Alumni	SOD	National	17-Aug-20	17-Aug-20	230
73	ReThink ReUSe ReConnect	SOD	National	18-Aug-20	20-Aug-20	65

Sr.	Program Title	School	Type (International/National)	From Date	To Date	Total Participants
74	ReThink ReUSe ReConnect	SOD	National	25-Aug-20	27-Aug-20	65
75	Boosting Immunity with Herbs- Home remedies and nutraceuticals	SOHS	National	29-Jun-20	29-Jun-20	90
76	Boosting Immunity with Herbs- Home remedies and nutraceuticals	SOHS	National	30-Jun-20	30-Jun-20	86
77	Boosting Immunity with Herbs- Home remedies and nutraceuticals	SOHS	National	1-Jul-20	1-Jul-20	86
78	Boosting Immunity with Herbs- Home remedies and nutraceuticals	SOHS	National	2-Jul-20	2-Jul-20	86
79	Boosting Immunity with Herbs- Home remedies and nutraceuticals	SOHS	National	3-Jul-20	3-Jul-20	86
80	Fundamentals of Pharmaceuticals	SOHS	National	31-Jan-21	31-Jan-21	85
81	COVID19 Vaccines: Ensuring Safety and Effectiveness	SOHS	National	17-Jun-21	17-Jun-21	90
82	Panel Discussion on Food allergy	SOHS	National	30-Jul-21	30-Jul-21	84
83	MBBS alternative for PCB Students	SOHS	National	16-Aug-21	16-Aug-21	60
84	Computer aided drug discovery & dvelopment tools	SOHS	National	20-Jul-20	20-Jul-20	217
85	Resarch methodolgy and applications of surface plasmon resonance	SOHS	National	8-Aug-20	8-Aug-20	184
86	Teaching and learning practices	SOHS	National	17-Oct-20	17-Oct-20	103
87	Zastra- A software for Drug Design and Discovery	SOHS	National	17-Jun-21	17-Jun-21	254
88	Cresset User Group Meeting	SOHS	National	16-Jun-21	16-Jun-21	87
89	Advancement of Pharmacovigilance in Current Decade	SOHS	National	10-Jul-21	11-Jul-21	128
90	Theory Building and Data Analysis in Research	SOHS	National	30-Jul-21	31-Jul-21	124
91	Faculty Think Tank Peer Review Session by: Prof. (Dr.) Sham Pandey. (Special workshop on Outcom Based Education (OBE) Training.)	SOL	National	10-Nov-20	10-Nov-20	65
92	Prof. G. N. Sinha; Topic- International Commercial Arbitration	SOL	National	03-Nov-20	03-Nov-20	65
93	Ms. Aprajita Singh, topic- Women Reservation	SOL	National	17-Mar-21	17-Mar-21	65
94	Panel Discussion by Mr. Babu, Ms. Ashutosh, Anil and Ms. Mehreen and Ms. Shruti. Topic- Sports as a stress buster	SOL	National	10-Mar-21	10-Mar-21	65
95	ADR - Domestic arbitration post Covid 19: a pitch for an out of the box approach in the new normal held on by Advocate Dorman Dalal, Bombay High Court, National company law tribunal	SOL	National	02-Oct-20	02-Oct-20	100

Sr.	Program Title	School	Type (International/ National)	From Date	To Date	Total Participants
96	ADR - Master classes on Domestic Arbitration for the Fifth Year Students conducted during the slot from 28th to 31th Oct 2020	SOL	National	28-Oct-20	31-Oct-20	80
97	MCA - How to approach International Arbitration Moot: A detailed Analysis	SOL	National	05-Sept-20	05-Sept-20	200
98	MCA - Fundamentals of Mooting by Memo Pundits	SOL	National	24-Sept-20	24-Sept-20	120
99	MCA - Basics of Moot court for First year Students by Memo Pundits	SOL	National	11-Jan-21	13-Jan-21	100
100	SCLHR16thPanel Discussion on "COVID-19 and State Responsibility: The Outbreak and Jurisdictional Challenges" (online edition)	SOL	National	07-Jun-20	07-Jun-20	50
101	SCLHR17th Panel Discussion on 'Contempt of Court: Bulwark for Freedom of Speech and Expression' (online edition)	SOL	National	09-Dec-20	09-Dec-20	50
102	SCLHR18th Panel Discussion on 'Review, Activism and Overreach: A Delicate Balance'	SOL	National	26-Jan-21	26-Jan-21	50
103	SCLHR19th Panel Discussion on 'Inconsistency in Bail: Rethinking Court's unfettered discretion'	SOL	National	24-Mar-21	24-Mar-21	70
104	SCLHR 'Environment and Human Rights Webinar' by Justice Rajesh Tandon	SOL	National	11-Mar-21	11-Mar-21	165
105	SCLHR 'Constitutional Basis for Basic Structure Doctrine in India: Effects and Applicability' by Prof. (Dr.) Yogesh Pratap Singh (Professor of Law & Registrar, NLUO)	SOL	National	18-Apr-21	18-Apr-21	160
106	AMS Just Alumni Things – 1	SOL	National	19-May-20	19-May-20	200
107	AMS Just Alumni Things – 2	SOL	National	29-May-20	29-May-20	250
108	AMS Just Alumni Things – 3	SOL	National	28-Jun-20	28-Jun-20	50
109	AMS Just Alumni Things – 4	SOL	National	01-Jul-20	01-Jul-20	40
110	AMS Just Alumni Things – 5	SOL	National	30-Aug-20	30-Aug-20	40
111	AMS Just Alumni Things – 6	SOL	National	22-Nov-20	22-Nov-20	60
112	AMS Meet the Majors 1	SOL	National	18-Sept-20	18-Sept-20	250
113	Webinar on Emerging Environmental Challenges: Law and Policy Perspective	SOL	National	05-Jun-20	05-Jun-20	35
114	A-Z of International Mooting"	SOL	National	06-Jun-20	06-Jun-20	70
115	Preparing Next Gen Law Professionals Speakers: Mr. Tarun Nangia and Mr. Aditya Prakash Rao	SOL	National	27-Jun-20	27-Jun-20	110
116	Workshop on Mediation	SOL	National	29-Sept-20	29-Sept-20	75

Sr.	Program Title	School	Type (International/National)	From Date	To Date	Total Participants
117	International Commercial Arbitration Post Covid 19	SOL	National	03-Oct-20	03-Oct-20	200
118	Contemporary Issues in IP	SOL	National	02-Nov-20	06-Nov-20	68
119	Workshop on "Impact of AI on Intellectual Property Regime"	SOL	National	25-Apr-20	25-Apr-20	43
120	Workshop on "Sustainable Development Goals and Role of IP"	SOL	National	26-Apr-20	26-Apr-20	71
121	Mojo (Mobile Journalism) and Digital Braodcasting	SOMM	National	17-May-21	19-May-21	30
122	OTT as the Big Boss	SOMM	National	18-Aug-21	18-Aug-21	25
123	Olympics and Sports Media in Times of Pandemic	SOMM	International	24-Jun-21	24-Jun-21	32
124	The Art of Social Media	SOMM	National	16-Jun-21	18-Jun-21	30
125	Impact of Technology on Media	SOMM	National	21-Apr-21	21-Apr-21	24

GUEST LECTURES

Sr.	Program Title	School	From Date	To Date	Total Participants
1	'Active Oilfield Development While Preserving Fragile Ecosystems	SOE	20-Nov-20	20-Nov-20	50
2	Integrity of hydrocarbon pipeline network	SOE	13-Feb-21	13-Feb-21	100+
3	World Wildlife Day 2021	SOCS	3-Mar-21	3-Mar-21	100+
4	ATAL FDP on Machine Learning and Computer Vision	SOCS	5-Jul-21	9-Jul-21	300+
5	Crowd Science Seminar	SOCS	9-Sep-21	9-Sep-21	Online
6	Neo4j: Graph Database Platform	SOCS	21-Mar-21	21-Mar-21	100
7	Expert Lecture on Security in Telemedicine	SOCS	27-Oct-20	27-Oct-20	100
8	Energy Storage Industry: Opportunities and Challenges for Developing Countries	SOB	29-Jul-20	29-Jul-20	400+
9	Transformation to Digital World in COVID 19	SOB	03-Aug-20	3-Aug-20	200+
10	Business challenges in the COVID era	SOB	04-Aug-20	04-Aug-20	350+
11	Get Noticed! Build Your Personal Brand	SOB	06-Aug-20	06-Aug-20	150+
12	Management Approaches & Skills	SOB	07-Aug-20	07-Aug-20	300+
13	The Big 4S	SOB	07-Aug-20	07-Aug-20	150+
14	Digital Work force of Future	SOB	08-Aug-20	08-Aug-20	300+

Sr.	Program Title	School	From Date	To Date	Total Participants
15	Financial Modelling for organisational Building	SOB	08-Aug-20	08-Aug-20	300+
16	Inbound & Outbound process in logistics (AJIO)	SOB	08-Aug-20	08-Aug-20	200+
17	How to make most of the time at UPES. An alumni perspective	SOB	08-Aug-20	08-Aug-20	150+
18	Data Analytics	SOB	08-Aug-20	08-Aug-20	150+
19	Core Values of Supply Chain	SOB	08-Aug-20	08-Aug-20	150+
20	Carrer & Growth opportunities in Aerospace & Avaiation	SOB	08-Aug-20	08-Aug-20	350+
21	Oil & energy industry	SOB	11-Aug-20	11-Aug-20	200+
22	Role of Cold Chain in fruits & Vegetable supply chain	SOB	13-Aug-20	13-Aug-20	300+
23	Future of Aviation Business in India Post Covid-19	SOB	13-Aug-20	13-Aug-20	350+
24	Customer Satisfaction	SOB	13-Aug-20	13-Aug-20	150+
25	Shaping the New Normal	SOB	13-Aug-20	13-Aug-20	200+
26	Covid 19 & A way forward	SOB	13-Aug-20	13-Aug-20	350+
27	Civil Avaition Ministry, Regulators, National and International Organizations	SOB	13-Aug-20	13-Aug-20	250+
28	Business Administration in Aviation Sector	SOB	14-Aug-20	14-Aug-20	250+
29	Corporate to entrepreneurship	SOB	14-Aug-20	14-Aug-20	350+
30	Inventory valuation & Application of Analytics	SOB	14-Aug-20	14-Aug-20	200+
31	Growth of community by economy and ecology	SOB	18-Aug-20	18-Aug-20	250+
32	CBM Activities in India	SOB	20-Aug-20	20-Aug-20	150+
33	Power Sector in India	SOB	20-Aug-20	20-Aug-20	200+
34	International Trade	SOB	20-Aug-20	20-Aug-20	300+
35	Product Service/Strategy	SOB	20-Aug-20	20-Aug-20	250+
36	Learn, Reflect & results	SOB	20-Aug-20	20-Aug-20	200+
37	Impact of COVID 19 in Oil & Gas Industry	SOB	21-Aug-20	21-Aug-20	200+
38	Industry, Government Policies & Regulations	SOB	21-Aug-20	21-Aug-20	200+
39	College Voyage & academic development	SOB	21-Aug-20	21-Aug-20	300+
40	Brand Creation & Team Building	SOB	25-Aug-20	25-Aug-20	350+
41	Regulatory functions	SOB	27-Aug-20	27-Aug-20	250+
42	Regulations in power Sector	SOB	27-Aug-20	27-Aug-20	200+

Sr.	Program Title	School	From Date	To Date	Total Participants
43	Industry Trends in COVID 19 Scenerio	SOB	27-Aug-20	27-Aug-20	150+
44	Emergence of Oil & Gas Industry and Market Challenges	SOB	27-Aug-20	27-Aug-20	150+
45	India's Energy Future	SOB	27-Aug-20	27-Aug-20	350+
46	Digital Media World	SOB	27-Aug-20	27-Aug-20	200+
47	Market Research & Methodologies	SOB	28-Aug-20	28-Aug-20	250+
48	Covid 19 & Impact on Indian Economy	SOB	28-Aug-20	28-Aug-20	200+
49	College to Corporate	SOB	28-Aug-20	28-Aug-20	250+
50	Time Management	SOB	28-Aug-20	28-Aug-20	300+
51	BPR on process Improvement methods	SOB	06-Oct-20	06-Oct-20	40
52	Topic How to set up, scale up and navigate a startup	SOB	08-Oct-20	08-Oct-20	80
53	Build your own business while in college	SOB	17-Oct-20	17-Oct-20	250+
54	Digital Marketing	SOB	18-Oct-20	18-Oct-20	200+
55	Strategic Response to New Paradigms in Energy and Hydrocarbons	SOB	07-Nov-20	07-Nov-20	150+
56	IT Applications in Supply Chain Management	SOB	22-Nov-20	22-Nov-20	50+
57	Enterprise Resource Planning - ERP	SOB	27-Nov-20	27-Nov-20	50+
58	Revenue Management and Advancement	SOB	28-Nov-20	28-Nov-20	35
59	Research Misconduct	SOB	02-Jan-21	02-Jan-21	30
60	Design Thinking: Unlock Your Authentic Career"	SOB	04-Apr-21	04-Apr-21	80
61	TAKE CHARGE OF YOUR FUTURE	SOB	13-Apr-21	13-Apr-21	47
62	Performance metrics of Retail Supply Chain	SOB	17-Apr-21	17-Apr-21	45
63	Insights upon multiple projects undertaken by ICF such as Carbon emissions, sustainability, vision of electric aviation	SOB	17-May-21	17-May-21	31
64	Advertising is Dead	SOB	26-May-21	26-May-21	25
65	Visiting Classes for ADE taken	SOD	24-Mar-21	25-Mar-21	22
66	Visiting Classes for ADE taken	SOD	31-Mar-21	1-Apr-21	22
67	Visiting Classes for ADE taken	SOD	1-Apr-21	2-Apr-21	22
68	Visiting Classes for ADE taken	SOD	7-Apr-21	8-Apr-21	22
69	Visiting Classes for ADE taken	SOD	14-Apr-21	15-Apr-21	22
70	Vehicle Interior class by Anupam Banerjee	SOD	14-Sep-20	25-Sep-20	6

Sr.	Program Title	School	From Date	To Date	Total Participants
71	Portfolio class by UE Germany	SOD	17-Mar-21	31-Mar-21	25
72	Automotive Photography	SOD	11-Mar-21	22-Mar-21	25
73	Vehicle Clay Modeling	SOD	17/2/2020	26-Feb-20	45
74	Fashion Studio (PM , GC & Draping)	SOD	26-Oct-20	10-Nov-20	1
75	Fashion Design Process & Representation	SOD	7-Sep-20	1-Oct-20	5
76	Fashion Ideation & Visual Representation	SOD	11-Mar-21	22-Apr-21	4
77	History of Design	SOD	3-Oct-20	24-Oct-20	40
78	Power of Goal Setting By Dr. koushik Das Sarma, Programme initiator, Northampton, England, United Kingdom	SOHS	9-Mar-20	9-Mar-20	29
79	Transforming Global Health By Dr. Vijay Juyal (Registrar & Controller of Examination H.N.B. Uttarakhand Medical Education University Dehradun and Controller of Examination Uttarakhand Medical Services	SOHS	25-Sept-20	25-Sept-20	150
80	Pharmacovigililance – An overview	SOHS	15-Jan-21	15-Jan-21	75
81	Guest lecture on international humanitarian law by Ms. Varsha Singh, DRF, Jawaharlal Nehru University, Delhi.	SOL	23-Apr-21	23-Apr-21	200
82	ADR - Top Legal Verdicts that a CLAT Aspirant must know for OPUS Coaching	SOL	14-Jan-21	14-Jan-21	50
83	ADR - Law Entrance Exam In The Times Of Covid for CLAT	SOL	21-May-21	21-May-21	100
84	4thUPES-SoL Constitutional Law Lecture on *"E-courts and virtual courts in India: A temporary answer or a permanent solution"* **by Mr. G.R. Raghavender, Joint Secretary, Dept. of Justice, Ministry of Law & Justice, GoI**	SOL	28-Jun-20	28-Jun-20	70
85	5th UPES-SoL Constitutional Law Lecture on *The Constitutional Philosophy of Writs'***by Hon'ble Justice Mr. Sanjeeb Kumar Panigrahi (Judge, Orissa High Court)**	SOL	11-Nov-20	11-Nov-20	70
86	Need for Space Laws & Future of Human Settlement in Space	SOL	12-Nov-20	12-Nov-20	50
87	Non Verbal Communication during Client Counselling- By: Ms. Kritika Krishnamurthy [Mediator and Partner-AK Partners]	SOL	15-Jun-20	15-Jun-20	185
88	The Importance of Religion in Biodiversity Conservation By: Mr. Dhananjay Prasad	SOL	25-Jul-20	25-Jul-20	33
89	History of WW 2 Prisoners of War Camps In India, with special focus on Uttarakhand	SOL	22-Aug-20	22-Aug-20	247
90	Practical Aspects Related to RTI Act, 2005	SOL	05-Sept-20	05-Sept-20	70

VALUE ADDED PROGRAMS / FACULTY DEVELOPMENT PROGRAMS / TRAININGS

Sr.	Program Title	School	Type	From Date	To Date	Total Participants
1	Conservation Issues in India	SOCS	Faculty Development Program	10-Aug-20	21-Aug-20	500+
2	Future and Challanges in Engineering & technology	SOCS	Faculty Development Program	19-Jul-21	20-Jul-21	250+
3	Statistical Learning-based Internet of Things (TEQIP-III)	SOCS	Faculty Development Program	14-May-21	18-May-21	300+
4	Research Methodology	SOCS	Faculty Development Program	10-Mar-21	14-Mar-21	300+
5	Developing online courses for Swayam	SOCS	Faculty Development Program	7-Jun-21	11-Jun-21	Online
6	FDP on Writing Quality Research Paper & Publishing	SOCS	Faculty Development Program	21-Jun-21	5-Jul-21	Online
7	Artificial Intelligence Video Tutorial Course developed for MSME	SOCS	Faculty Development Program	8-Mar-21	13-Mar-21	200+
8	Two week All India Faculty Development program (AIFDP2k21) on Emerging trends in online Education Conducted from July 1 to 14 , 2021 and delivered lecture on IT Security.	SOCS	Faculty Development Program	1-Apr-21	1-Apr-21	Online
9	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Cyber Security in Smart Cities	SOCS	Faculty Development Program	1-Jul-21	14-Jul-21	200
10	FDP on Machine Learning in Data Science	SOCS	Faculty Development Program	1-Sep-20	1-Sep-20	60+
11	FDP on Computational Intelligence Techniques for Machine Learning	SOCS	Faculty Development Program	1-Sep-20	5-Sep-20	60+
12	Unix and Linus Essentials	SOCS	Faculty Development Program	11-Aug-20	15-Aug-20	Online
13	Java SE Fundamentals	SOCS	Faculty Development Program	18-Jan-21	22-Jan-21	Online
14	Microsoft Azure FDP	SOCS	Faculty Development Program	19-Apr-21	28-Jun-20	22
15	Introduction to AI", organized by Dept. of Computer Science & Engg., Women Institute of Technology, Dehradun under TEQIP-III	SOCS	Faculty Development Program	17-Oct-20	19-Oct-20	10
16	International Scientific Committee: International Conference on Cloud Computer, IoT and Intelligence System (CCIIS2021)	SOCS	Faculty Development Program	11-Apr-21	12-Apr-21	12

Sr.	Program Title	School	Type	From Date	To Date	Total Participants
17	International Conference on Futuristic Technologies, Geeta Engineering College, Naultha, Panipat	SOCS	Faculty Development Program	26-Feb-21	27-Feb-21	15
18	Yog Mahotsav	SOCS	Faculty Development Program	15-Jun-21	21-Jun-21	50+
19	72nd Republic Day Celebration	SOCS	Faculty Development Program	26-Jan-21	26-Jan-21	100+
20	Pehchaan 2020	SOCS	Faculty Development Program	16-Aug-20	16-Aug-20	101
21	Technology Management	SOB	Faculty Development Program	6-Mar-21	6-Mar-21	25
22	Tech. Support to Entrepreneurship	SOB	Faculty Development Program	13-Mar-21	13-Mar-21	25
23	1. Selecting potential Entrepreneurs: Rationale for Selection 2. Assessing Training Needs	SOB	Faculty Development Program	29-Apr-21	29-Apr-21	55
24	Identification of research Problem	SOB	Faculty Development Program	7-Jun-21	7-Jun-21	212
25	Literature review	SOB	Faculty Development Program	7-Jun-21	7-Jun-21	212
26	LR-Meta Analysis	SOB	Faculty Development Program	7-Jun-21	7-Jun-21	212
27	Reflexive/Inductive Approach	SOB	Faculty Development Program	8-Jun-21	8-Jun-21	213
28	Organization Theory	SOB	Faculty Development Program	8-Jun-21	8-Jun-21	212
29	Research design	SOB	Faculty Development Program	8-Jun-21	8-Jun-21	212
30	Intricacies of management/social science research	SOB	Faculty Development Program	8-Jun-21	8-Jun-21	212
31	Measurement and scaling technique	SOB	Faculty Development Program	9-Jun-21	9-Jun-21	212
32	Instrument Designing in Qualitative & quantitative research	SOB	Faculty Development Program	9-Jun-21	9-Jun-21	213
33	Techniques of Data Analysis in Qualitative Research	SOB	Faculty Development Program	9-Jun-21	9-Jun-21	214
34	Sampling and Hypothesis Testing Procedure	SOB	Faculty Development Program	9-Jun-21	9-Jun-21	212
35	Correlation & Regressions with hands on	SOB	Faculty Development Program	10-Jun-21	10-Jun-21	212

Sr.	Program Title	School	Type	From Date	To Date	Total Participants
36	SEM with Hand on Approach	SOB	Faculty Development Program	10-Jun-21	10-Jun-21	212
37	Introduction to Descriptive Statistics with hands on	SOB	Faculty Development Program	10-Jun-21	10-Jun-21	213
38	Validity in Research	SOB	Faculty Development Program	10-Jun-21	10-Jun-21	213
39	Publishing in High Impact Journal	SOB	Faculty Development Program	11-Jun-21	11-Jun-21	212
40	Research Writing	SOB	Faculty Development Program	11-Jun-21	11-Jun-21	212
41	Editor's Meet	SOB	Faculty Development Program	11-Jun-21	11-Jun-21	212
42	Cyber Security Awareness	SOB	Faculty Development Program	24-May-21	28-May-21	55
43	Essential of Report writing	SOB	Faculty Development Program	19-Jul-20	19-Jul-20	136
44	Selecting the Broad Area of Research	SOB	Faculty Development Program	18-Aug-20	18-Aug-20	127
45	Mixed Methods Research	SOB	Faculty Development Program	20-Aug-20	20-Aug-20	141
46	Panel data econometrics	SOB	Faculty Development Program	22-Oct-20	28-Oct-20	141
47	Master Class	SOD	Master class	26-Nov-20	15-Jan-21	150
48	Boot Camp 2022	SOD	Portfolio Review	15-Sep-20	10-Oct-20	120
49	Master class	SOD	Design in Automotive	4-Oct-20	4-Oct-20	120
50	Master class	SOD	Portfolio Review	23-Sep-20	25-Sep-20	120
51	Master class	SOD	Transportation Design	13-Sep-20	13-Sep-20	90
52	Master class	SOD	Transportation Design	22-Sep-20	22-Sep-20	120
53	Paper published in Lecture Note in Mechanical Engineering	SOD	Research paper	18-Feb-21	18-Feb-21	2
54	Sustainable e-learning trends in pharmacy education and training	SOHS	Faculty Development Program	8-Aug-20	8-Sep-20	50
55	"Exploring Academic and Investigative Dimensions in Food Research"	SOHS	Faculty Development Program	11-Feb-20	11-Jul-20	20
56	Artificial Intelligence in Healthcare	SOHS	Faculty Development Program	3-Nov-21	14-Mar-21	100
57	Ahmedabad Learning Dialogues - A Conference on Teaching and Learning	SOHS	Faculty Development Program	14-May-21	15-May-21	NA

| Sr.	Program Title	School	Type	From Date	To Date	Total Participants
58	FDP-Shaping a Data Science Curriculum	SOHS	Faculty Development Program	6-Jan-21	6-Nov-21	150
59	Research Methodology	SOHS	Faculty Development Program	6-Jul-21	11-Jun-21	80
60	Research Methodology	SOHS	Faculty Development Program	7-Jul-21	11-Jun-21	81
61	Future trends in research methodology for drug discovery & development	SOHS	Faculty Development Program	6-Jul-21	6-Dec-21	20
62	Silico Approaches in Drug delivery	SOHS	Faculty Development Program	6-Nov-21	17-Jun-21	25
63	National e-Workshop on Innovation and Intellectual Property Rights (NeW IPR-2021	SOHS	Faculty Development Program	14-Jun-21	19-Jun-21	NA
64	EDGE - Strategies for Judicial Services Preparation	SOL	Value Added Program	4-Oct-20	4-Oct-20	55
65	EDGE - Challenges in Resolution of International Trade Disputes	SOL	Value Added Program	19-Feb-21	19-Feb-21	62
66	ADR - Advanced Concepts For Developing Moocs,	SOL	Faculty Development Program	2-Jul-20	17-Jul-20	200
67	'Consticlass: A value added course on Constitutional Law' E – Course (Lecture Format) for Students and Faculties	SOL	Value Added Program	24-Sept-20	31-Oct-20	204
68	Research Method and Innovative Teaching Techniques- IMS Unison University	SOL	Faculty Development Program	29-Jun-20	4-Jul-20	100
69	EDGE- "Violation of National Directives for Covid 19 Management in relation to Public Places: Enforcement Challenges"	SOL	Expert Training Session	8-Jun-20	8-Jun-20	20
70	EDGE- "Good and Service Tax: Background and Key Concepts"	SOL	Expert Training Session	24-Jun-20	24-Jun-20	54
71	One Week Online Training Program for Senior IFS Officers	SOL	Training Program	26-Oct-20	30-Nov-20	37
72	Moving Beyond the Covid 19 Pandemic: Career Series 2021	SOL	Webinar Series	30-Jan-21	30-Jan-21	110
73	Podcasting	SOMM	Webinar	15-Sep-20	15-Sep-20	5

UPES
UNIVERSITY WITH A PURPOSE

Guest Lecture on **LNG Industry Overview** by Mr. Dhawal Bhagwat

CEO Conclave on Energy Landscape in a Post Covid World 23 & 24 January, 2021

A Conversation on **Career Dilemmas** with **Mr. Shiv Shivakumar** Group Executive President Corporate Strategy & Business Development Aditya Birla Group

A Conversation on **Success Mantras for Engineering Aspirants** by **Mr. Anand Kumar** Mathematician, Academician, Innovator and Change Maker

Webinars

Quiz Competitions

ACADEMIC COLLABORATIONS

NATIONAL/INTERNATIONAL MOU

S. No.	MoU with	Contract Date	Activity Detail
1.	Infosysy Campus Connect	06-Jul-20	Providing Technical Education in new subject areas
2.	Captessar Aviation (OPC) Pvt. Ltd	14-Jul-20	Enrolment Partners to facilitate admissions
3.	Apex Business Consulting(ABC)	15-Jul-20	UPES is offering Certificate Programme in Lean Six Sigma (Green Belt) in collaboration with ABC by utilizing its technical advice/skill and physical facilities.
4.	Vaanya Aviation Pvt Ltd (VAPL)	01-Jul-20	Facilitate admissions to programs offered under Enrolment Services
5.	IQTS	17-Jul-20	Enrolment Partners to facilitate admission process
6.	AMHSSC	06-Jul-20	To Conduct trainings, assessment and certification of the workforce as per National Skill Qualification Framework (NSQF)
7.	KPMG Advisory Services Pvt. Ltd.	10-Jul-20	Conduct Market study on the impact of Covid-19
8.	Contemporary Training Pvt. Ltd.	12-Aug-20	Assistance to candidates seeking admission to programs offered by CCE
9.	National Biodiversity Authority	02-Sept-20	Grant of Approval for the use of Biological Resources
10.	Global Institute of Cyber Technology Addendum	10-Aug-20	UPES is offering Diploma/Certificate Course
11.	IMT Mines Albi	29-Jul-20	Academic Collaboration
12.	Lakshay Digital Pvt. Ltd.	20-Jul-20	Industry-Academia Connect in benefit of student's skill development and industry experience
13.	UCEED & CEED, IIT Bombay	23-Oct-20	Certified copy of UCEED and CEED 2020-2021 Merit ListAdvertising and Promotion
14.	Publicist Communications Private Limited	30-Aug-20	Advertising and Promotion
15.	SCM Shipping Services Pvt. Ltd.	01-Sept-20	Enrolment Partner to facilitate admissions
16.	Twenty Twenty Media Pvt. Ltd.	01-Sept-20	PR Communications counsel & Services
17.	TLG India Pvt. Ltd.	28-Oct-20	Social Media & Creative Services
18.	GitHub India Pvt. Ltd.	07-Oct-20	To conduct Technical Events/Hackathons, carry out trainings and FDPs, and provide access to 100+ software offerings from GitHub to our students including GitHub classrooms. They have also provided free access to GitHub Enterprise Server facilities to UPES students and faculty.
19.	Institute of Technology & Innovation Ltd.	01-Nov-20	To offer Digitally Enabled Classroom
20.	Bangalore International Airport Ltd.	11-Dec-20	Case Study

S. No.	MoU with	Contract Date	Activity Detail
21.	Institute of Technology & Innovation Ltd.	01-Nov-20	The Research Partner offers a wide range of specialized courses in all aspects of hi-tech industry needs, including Tailor Made Courses for the dynamic changes of the industry and partners with global industry leaders and offers certified courses by Microsoft, CISCO, ISTQB, and others
22.	Institute of Technology & Innovation Ltd.	01-Nov-20	Live streaming of lectures by Service Provider's faculty for the Courses through digital means, and offering combined classroom experience to students of the Service Provider and UPES sStudents
23.	Peachderm Healthcare	26-Nov-20	• Provide the necessary funds and expertise to develop the overall device. • Providing the necessary training required to administer the smart bandage to patients. • Providing support data to help in accelerating the process.
24.	Uttarakhand Jal Sansthan, Dehradun India	16-Dec-20	To jointly design and undertake a comprehensive strategy to bring improvement to both the infrastructural and human assets of UJS
25.	National Institute of Solar Energy (NISE)	07-Nov-20	To be an effective interface between the Government and institutions, industry and other organisations for development, promotion and widespread utilization of Solar Energy in the country and abroad.
26.	Valles Marineries International Private Limited	14-Dec-20	To provide a framework for collaborative activities and for reviewing areas of common interest in the scientific research and experiments
27.	M/S Kuldeep Singh Sethi & Gagan Goyal	28-Dec-20	Civil Work of Academic Block-4 at Kandoli Campus
28.	DEW Electrical Services Pvt. Ltd.	21-Dec-20	Electrical Work
29.	Institute of Social Responsibility & Accountability(ISRA)	09-Dec-20	ISRA is collaborating with UPES as an NGO in the school for Life, where students are recruited as interns to support the projects of ISRA
30	HESCO	30-Dec-20	To provide study/research design, management, evaluation as well as training support to facilitate all the three concern NGO's and support for data analysis and report writting
31.	Ascela Advisors Pvt. Ltd.	14-Jan-21	Management Consulting Firm providing independent strategic advisory
32.	College Global Media	24-Dec-20	Arrange Programs to reach out to prospective students for admission related activities
33.	Goyal Traders	24-Dec-20	Arranges Programs to reach out to prospective students for admission related activities
34.	Innerspace Inc	15-Jan-21	Construction related matters

S. No.	MoU with	Contract Date	Activity Detail
35.	Techshore Inspection Services	06-Jan-21	UPES is offering unaccredited Diploma and certificates in collaboration with Techshore Inspection Services
36.	A&P Solutions	04-Jan-21	To Facilitate Net Enrollments in UPES
37.	Career Mantra	04-Jan-21	To Facilitate Net Enrollments in UPES
38.	Career Pathmakers	04-Jan-21	To Facilitate Net Enrollments in UPES
39.	Cogent Pathway Educations Pvt. Ltd.	04-Jan-21	To Facilitate Net Enrollments in UPES
40.	Formskart	04-Jan-21	To Facilitate Net Enrollments in UPES
41.	IMS Learning Resources Pvt. Ltd.	04-Jan-21	To Facilitate Net Enrollments in UPES
42.	OPUS Private Limited	04-Jan-21	To Facilitate Net Enrollments in UPES
43.	Edukraft Institute of Distance Learning	11-Feb-21	Enrolment Partners to Facilitate admissions to programs offered by CCE
44.	Institute of Professional Education and Learning Society (IPELS)	20-Jan-21	Enrolment Partners to Facilitate admissions to programs offered by CCE
45.	MQDC India Retail Estate Private Ltd.	28-Sep-20	For Providing Temporary Office Space
46.	Makemy Trip (India Pvt.) Ltd.	05-Feb-21	Access to Platform for travel and tourism related services
47.	Endoenergy Systems Pvt. Ltd.	04-Jan-21	To help UPES set up Labs and infrastructures in the area of robotics, involve students into project-based learning where they work in the area of robotics. To make robots of various kinds for the university wherein the cost of materials shall be borne by the university but the expertise and the services shall be provided by the Service Provider.
48.	CLAT (Consortium of National Law Universities)	22-Jan-21	To utilise the UG-CLAT 2021 and PG-CLAT 2021 Examination Scores for the purpose of admission during the Academic Year 2021-22
49.	Bulls Eye Knowledge System Pvt. Ltd.	02-Feb-21	Training of students of UPES for passing year 2022 for better placements
50.	DDB Mudra Max Pvt. Ltd.	27-Jan-21	UPES is desirous of appointing the AOR on non-exclusive basis as their agency on record for the purpose of planning, buying and releasing media (Print, TV, Radio, Cinema, Digital.) on their behalf.
51.	ATG 360 DEGREE	27-Nov-20	Tour Operator
52.	Balaji Travels	27-Nov-20	Tour Operator
53.	SAS Vacations India Pvt. Ltd.	27-Nov-20	Tour Operator
54.	Sharp Travels India Pvt. Ltd.	29-Nov-20	Tour Operator
55.	Spirit of Adventure Tour & Travels	16-Jan-21	Tour Operator

S. No.	MoU with	Contract Date	Activity Detail
56.	VXL Tours & Travels	24-Nov-20	Industrial Tour Empanelment Agreement
57.	AIIMS (All India Institute of Medical Sciences)	21-Mar-21	Identification and recruitment of Hirschsprung disease and their clinical presentation at AIIMS-BBSR and diagnosis by a device developed by UPES.
58.	Anil K Kher & Co.	01-Jan-21	Drafting of documents and advise on legal matters
59.	Edutra Consulting Pvt. Ltd.	07-Jun-21	Enrolment partner to facilitate admissions under CCE
60.	Creative Arts Education Society	01-Oct-20	Consultancy Project for School of Business
61.	Creative Arts Education Society	02-Oct-20	Consultancy Project for School of Design
62.	Ecom Express Pvt. Ltd.	07-Jun-21	UPES shall conduct the Programs for the employees nominated by Ecom Express
63.	ANG	01-Jan-21	Advising on regulatory issues and structuring of activities of the UPES and assisting in management and resolution of disputes
64.	Ennoble IP Consultancy Pvt. Ltd.	05-Apr-21	Non-Disclosure Agreement
65.	Ernst & Young LLP	15-Jan-21	Professional Services
66.	CCE & M Power	01-Jul-20	Enrolment Services
67.	The University of Bradford, Richmond Building, Richmond Road, Bradford	19-Apr-21	Joint Research & joint project
68.	FIFA	30-Jun-21	To assess the provided information and advice on the feasibility and suitability of constructing the proposed Technical Centre at the site in Pokhara (Nepal).
69.	GUS Education(India) LLP	25-Mar-21	Infrastructure Services
70.	ICAS	22-Jan-21	Counselling and Advisory Services
71.	Katha	18-Jun-21	To provide internship opportunities to students of UPES
72.	Khaitan & Co. LLP	01-Aug-20	Legal Advisory
73.	KK Stationers	01-Jun-21	Stationary related
74.	KNA Associates	25-Mar-21	Income tax, GST, TDS, PF/ESI/Bonus
75.	APLUS Associates LLP	28-May-21	Support on academic and research activities
76.	Synergie	01-Jun-21	Interning opportunities to students for School for Life
77.	Technoshala Foundation	01-Jun-21	Interning opportunities to students for School for Life
78.	WICCI	01-Jun-21	Interning opportunities to students for School for Life
79.	Shaperjet	09-Jan-21	For Design & print technology advice; design optimization; design customization; print feasibility and sample development cost

S. No.	MoU with	Contract Date	Activity Detail
80.	Talwar Advocates	12-Apr-21	Non-Disclosure Agreement
81.	Uber India Systems Pvt. Ltd.	17-Mar-21	Non-Disclosure Agreement
82.	NDA IP Nation	01-Apr-21	Non-Disclosure Agreement
83.	NECTAR	24-Mar-21	To identify possible avenues and establish the basis of collaboration where it is mutually beneficial
84.	Oil India Ltd.	25-Jun-21	To carrying out R&D work for OIL through the Projects with UPES
85.	Peregrine Guarding Pvt. Ltd.	19-May-21	Guarding services
86.	Shrusthi Seva Samiti	08-Jan-21	To provide internship opportunities to the students of UPES
87.	Swasthya Swaraj Society	28-Jan-21	To provide internship opportunities to the students of UPES
88.	Swis Infotech	26-May-21	Enrolment partners to facilitate admissions
89.	Terre Policy Center	25-Jun-21	Smart Campus Cloud Network
90.	Gurukula Kangri Vishwavidyalya	19-Apr-21	Joint Research in the areas of research in Material Science, Engineering and Health Sciences including Ayurveda and Traditional Medicine.
91.	Aries	28-Jun-21	To exchange information on research and educational programmes
92.	ICAR-Indian Institute of Soil and Water Conservation	15-Jun-21	UPES will conduct trainings sessions for ICAR-IISWC staff on how to operate the software and keep the data secure and organized. All the expenses on trainings camps related to software usage, data analysis and report generation will be borne by UPES
93.	ICAS	22-Jan-21	Independent service and advisory counselling
94.	Vanya Aviation Pvt. Ltd.	01-Jul-20	Enrolment Partner to facilitate admissions for the programmes offered by CCE
95.	Vikas Asawat	Apr-21	Non-Disclosure Agreement
96.	Africa Asia Youth Foundation	28-May-21	To provide internship opportunities to students of UPES as a part of their School for Life program
97.	Datri Blood Stem Cells Donors	29-Apr-21	To provide internship opportunities to students of UPES as a part of their School for Life program
98.	Friend in Need	15-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
99.	Her Choices Trust	15-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
100.	Econaur	15-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program

S. No.	MoU with	Contract Date	Activity Detail
101.	Children Organisation	15-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
102.	Kotak Education Foundation	15-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
103.	India Cares	15-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
104.	Praja Foundation	15-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
105.	Safe Water Network India	15-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
106.	The Wellness Circle	14-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
107.	Youngistan Foundation	25-Jun-21	To provide internship opportunities to students of UPES as a part of their School for Life program
108.	Eviron Care Products	01-Dec-20	To provide to ECPL training and consultancy services in relation to digitization and transformation
109.	Shahzad Ali	04-Jan-21	Enrolment Partner to facilitate admissions for the programmes offered by CCE
110.	Carrer Counselling Centre	01-Jun-21	Enrolment Partner to facilitate admissions for the programmes offered by CCE
111.	KV Computer Home Pvt. Ltd	26-May-21	Enrolment Partner to facilitate admissions for the programmes offered by CCE
112.	Global Institute of Cyber Technology	26-May-21	Addition of new program as Hospitality Management
113.	Parijat Innovations Pvt. Ltd.	07-May-21	Leveraging and using Hubhopper's prominence and expertise in the Podcast Industry for training the students of UPES Media School in the field of Pod casting.
114.	GUS Global Services India Pvt. Ltd.	20-Mar-21	Education Development and Project Management
115.	EDCIL	01-Apr-21	Admission of overseas students into India for next 5 years
116.	Getmyuni Education Services Pvt. Ltd.	15-Jun-21	One stop solution making course and college selection easy for students looking to pursue UG and PG courses in India and abroad
117.	Aditri Vidyamandir classes	04-Mar-21	Admission related services for programs and also to facilitate admissions to programs offered by UPES
118.	Pearl Academy	01-Oct-20	Consultancy Project for School of Business
119.	Pearl Academy	01-Oct-20	Consultancy Project for School of Design
120.	Pearl Academy	01-Oct-20	Consultancy Project for School of Modern Media
121.	DKM Online Pvt. Ltd.	22-Jun-21	Services of Provident and Labour Law compliance admissions

| S. No.	MoU with	Contract Date	Activity Detail
122.	Girnarsoft Education Services Pvt. Ltd.	29-Mar-21	Admission related services for programs and also to facilitate admissions to programs offered by UPES
123.	Truecaller International LLP	07-Apr-21	Calls and SMS Application
124.	London School of Business and Finance	Jul-20	Collaborative activity in academics and research.
125.	Nottingham Trent University	-	Enable students of UPES to progress the scope of student at university
126.	Providence University Taiwan	08-Jul-20	Exchange of student/Faculty
127.	INSA	-	Collaborative activity in Academics and Research.
128.	University of Applied Sciences Europe	30-Jun-20	Collaborative activity in Academics and Research.
129.	Taylors University	13-Jul-20	Exchange of Faculty/Newsletters/Publications/ Internships.Collaboration on academic and research activities
130.	University of Essex	Jun-20	To promote friendship and corporation
131.	Open Education Resource- New Zealand	02-Jul-20	Open Educational Resource
132.	University of California	16-Jul-20	Non-Disclosure Agreement
133.	Persian Gulf University	10-Jul-20	Collaborative activity in academics and research.
134.	KIEA (Kathmandu International Educational Associate)	01-Jul-20	Student Recruitment and Visa Application process
135.	Master Purchase Agreement-London School of Business	22-07-20	Subscription for Online Educational Program from LSOB
136.	IMT Mines	29-Jul-20	Academic Research Activities
137.	Facve Univerity Center	24-Aug-20	For Academic, Scientific, technological and cultural?
138.	NUK (National University of Kaohsiung	06-Oct-20	Collaborative activity in academics and research.
139.	American University of Central Asia	24-Sep-20	Facilitate future mutual institutional co-operation
140.	Learning Wise Education Inc. o/a University Canada We	03-Dec-20	To offer digitally virtual enabled classrooms
141.	University of Law Limited	30-Nov-20	Collaborative activity in academics and research
142.	Canterbury Christ Church University	02-Dec-20	Collaborative activity in academics and research
143.	University of Europe for Applied Sciences	30-Dec-20	To offer digitally virtual enabled classrooms
144.	College of Pharmacy, Taipei Medical University (TMU), Republic of China (Taiwan)	08-Jun-21	Collaborative activity in academics and research

S. No.	MoU with	Contract Date	Activity Detail
145.	University of Europe	18-Jun-21	Agreement to facilitate Student Exchange/Semester Abroad program by and between the UPES and University of Europe for Applied Sciences (UE)
146.	University Canada West	17-May-21	Agreement to facilitate the Student Exchange Program by and between UPES and Learning wise Education Inc. o/a University Canada West ("UCW")
147.	Ulster University	01-Jun-21	Collaborative activity in Academics and Research.
148.	University Sains Malaysia	19-Apr-21	Collaborative activity in Academics and Research.
149.	Studyworld Egitim Ve Danishmanlik Hizmetleri As	02-Apr-21	Collaborative activity in Academics and Research.

PLACEMENT RECORDS

PLACEMENT PROCESS
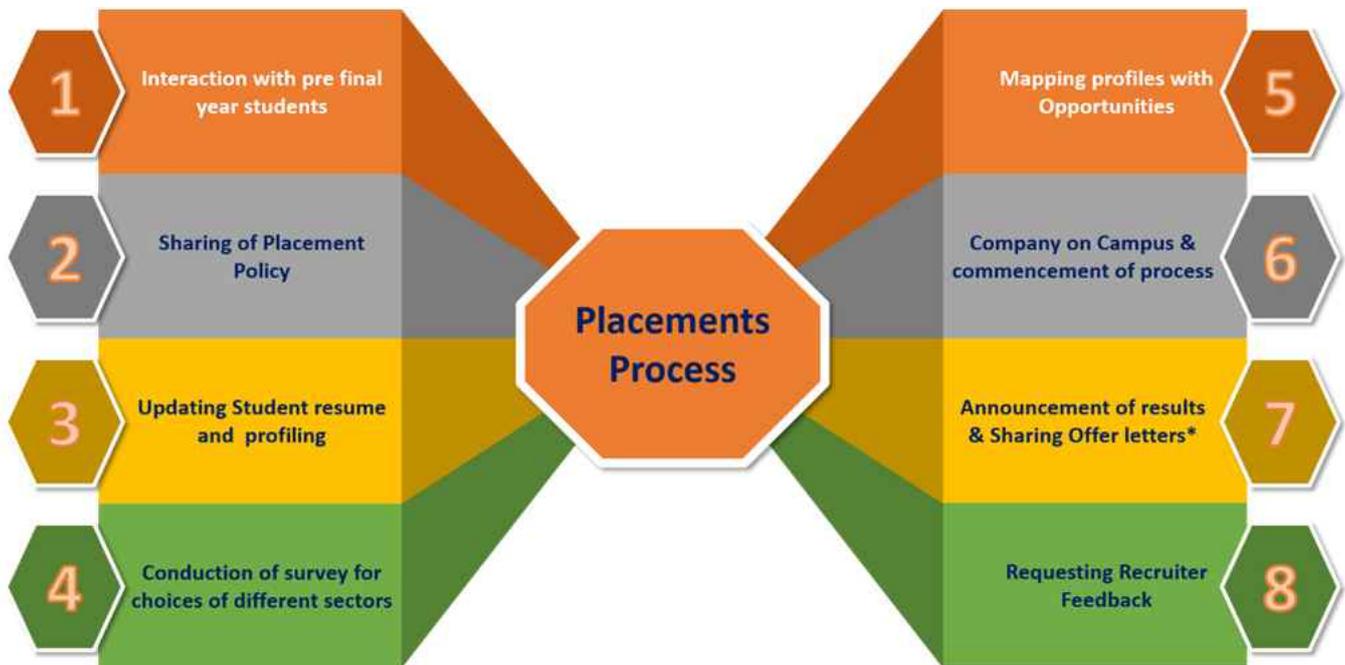
TRAINING

ENHANCED DEVELOPMENT FOR GROWTH AND ENRICHMENT – EDGE

EMPLOYABILITY

- Identification of student's potential
- Working as a platform for bridging the gap between students and corporate
- Training / Assessment / Aptitude / Soft Skills / Guest Lectures / Industry and Alumni Interaction

EXAM PATHWAYS

- Encouraging students to opt for higher education to contribute to Nations' Knowledge Pool
- On campus facility for coaching by the leaders in market

ENTREPRENEURSHIP

- Interlink for the enthusiastic talent
- To prepare them to explore new horizons in the form of their own ventures Suggest / Support / Sponsor

INDUSTRY ENGAGEMENT / CONNECTIVITY PROGRAM

List of trainings conducted	Name of the Scheme	Number of students appeared in the Career Counselling activities	Number of students benefitted by Career Counselling activities
School of Computer Science	Training Aptitude by Hitsbullseye (Training Partner) Assessment (Domain and HR by CoCubes)	922	800
School of Engineering		951	701
School of Business		267	239
UPES Final Year and Pre-Final Students	Masterclasses from Industry Experts	6390	2176
	Mock Interviews (PI and GD) by In-house team of trainers	6390	2176
	Alumni Interaction	6390	2176

PLACEMENT STATISTICS
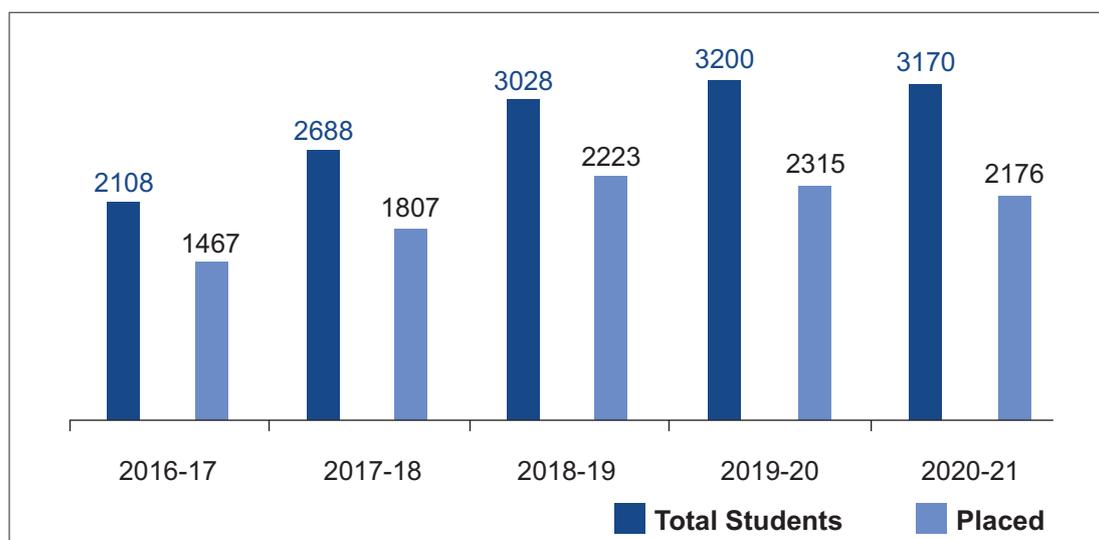

Total number of students placed in last 5 years
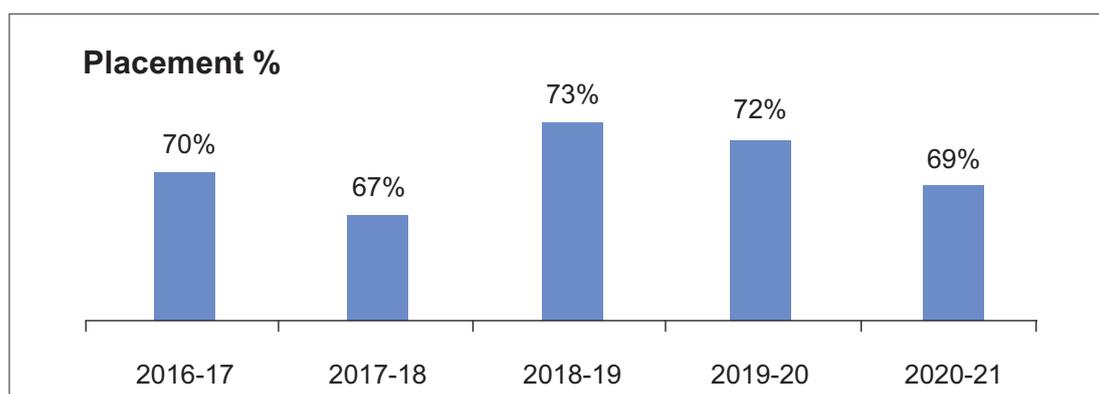
Percentage of students placed in last 5 years

INCREASE IN SALARY OVER THE YEARS

Median Salary
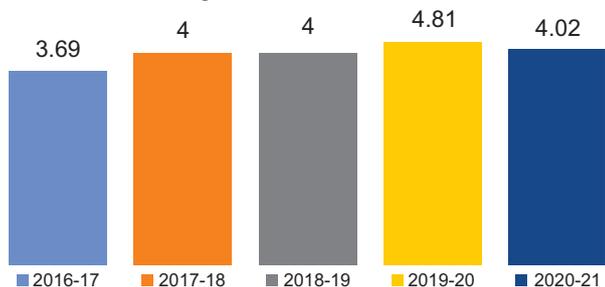
Median Salary of Students placed in last 5 years

Highest CTC
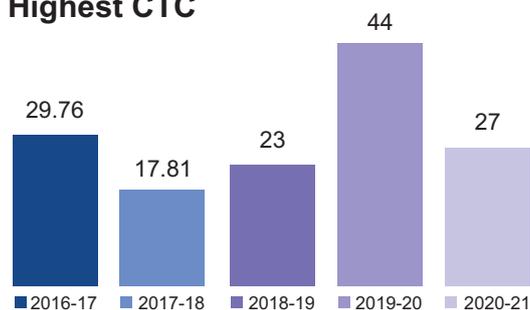
Highest CTC in last 5 years

Average CTC
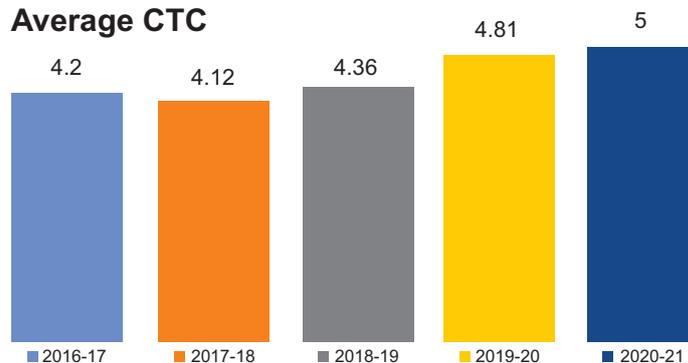
Average CTC in last 5 years

SCHOOL WISE PLACEMENT RECORDS

Name of School	Under Graduate	Post Graduate	Grand Total
School of Business	193	239	432
School of Computer Science	797	3	800
School of Design	63	5	68
School of Engineering	606	95	701
School of Law	175	0	175
Grand Total	**1834**	**342**	**2176**

DREAM OFFERS / SUPER DREAM OFFERS

Name of School	Other Offers	DreamOffer	Super Dream Offer	Grand Total
School of Business	352	67	13	432
School of Computer Science	733	48	19	800
School of Design	53	12	3	68
School of Engineering	662	27	12	701
School of Law	175	0	0	175
Grand Total	**1975**	**154**	**47**	**2176**

Dream Offer: CTC >7.50 Lakh, Super Dream Offer: CTC>10 lakhs

COMPANY VISITED LIST

21st Century Gamings Pvt Ltd	ArmorCode
3K Softech Pvt Ltd	Asc. Adv. & Solicitors
A M Associates	Asia Shipping International Transport Pvt. Ltd. - India
AAJ Enterprises Pvt. Ltd.	Asteria Aerospace
Aarti industries	Athena Legal
ABPS Infra Advisory Services	Atlan Technologies Pvt. Ltd.
AccentureAccolite Digital India Pvt. Ltd.	Atlantic Law Ass.
ACME Solar Holdings Private Limited	Atos Syntel
Acuity Knowledge Partners	Atotech India Pvt. Ltd.
ADANI Gas Ltd.	Avantis Regtech Pvt. Ltd.
Adani Wilmar Ltd.	Avid Legal
Adobe	Azilen Technologies Pvt. Ltd.
Adv. Abhitosh Pratap Singh	Bafna Logistics Pvt. Ltd.
Adv. Avinash Barya	Baijnath Melaram
Adv. Dhiraj Singh	Basware
Adv. Kuldeep Mathur	Benzara E-Commerce India Pvt Ltd
Adv. Pradeep K Vashishtha	Bharati Robotic Systems
Adv. Prantap Sharma	BharatTest House Pvt. Ltd
Adv. R.B.S Tomar	BIS Research
Advocate - Avnish Barya	Bloombrain Learning Solutions
Advocate Prantap Sharma	Bolster Legal
Advocate-Madhu Sadan Tripathi	BYJUS
Agrawal Packers &Movers	Calypso Technology
Agri Joy LLP	CAPA
AIS	Careers 360
AjinoMoto Bio Pharma Services India Ltd	Cash Positive
Akeo Software Solutions Pvt Ltd	CBRE South Asia Pvt. Ltd.
Akhil Modi & Associates	Celebal Technologies
Alankit Ltd	Century Maxim International
Algoworks Technologies Private Limited	CGI Inc.
Allied Analytics	Chadha & Chadha IP
Allround Club	Chambers of Abhinav Mishra
Amazon	Chandra Krishi Udyog
Annalect	Chess Management Services Private Limited
Anycast Technology Pvt. Ltd. (One Impression)	CHRP India Pvt Ltd
APJ-SLG Law Offices	Classplus
AppItSimple Infotek Pvt. Ltd.	Click Labs Pvt. Ltd.
Apptunix India Pvt. Ltd.	Climber Knowledge and Careers Pvt. Ltd
Arabesque S-Ray India	C-link Softech
Archmozzo	Cliqbuzz Technologies Pvt. Ltd.
Arctic Invent	Cloud Analogy
Argusoft	Cloud Science Labs

CloudThat Technologies	Eminent Research
Clover Bay Technologies	Emm Gee Shipping Services
Codebrew Labs	Employment Express Verband
Coforge Ltd. (Erstwhile NIIT Technologies Ltd.)	Enverus
Cognizant Technology Solutions	Ericsson India Global Services Pvt. Ltd.
Coherent Market Insights	Escorts Ltd.
Commvault	Esha Corp IT (Accorian)
Consortia Juris Amit S. Agrawal & Association	ESRI India
Core Value Technologies	ETA Engineering Pvt. Ltd.
Covered by Sage	eTeam Inc.
Creditas Solutions Pvt. Ltd.	EVage Automotive Pvt. Ltd.
CueMath	Evalueserve
Cvent India Private Limited	Evosys
CyberSRCC	Express Roadways Private Limited
Cybertech System and Software Ltd	Extramarks
Cyble Infosec India Private Limited	ExxonMobil Lubricants Private Limited
Cynet Systems Inc.	EY Global Delivery Services
Cyware Labs	EY India
Daffodil Software	Fendahl Technology
Data Bridge Market Research	FinAGG
DataCouch	FinBox
DataM Intelligence 4Market Research LLP	FireEye Cybersecurity Private Limited
Datten and Wissen Pvt. Ltd.	Firstgreen Consulting Pvt. Ltd.
Delhivery	FIS Global Business Solution India Pvt. Ltd
Deloitte Consulting India Pvt Ltd	Flipkart
Deloitte Risk & Financial Advisory (USI)	Flow Science Software Pvt. Ltd.
Demure Group	Fluentgrid Ltd.
Desmania Design Pvt. Ltd.	Ford Motor Pvt. Ltd.
Dhiomics	Forest Lake Technologies
Digital Democracy	Fractal Ink
Digital Jalebi	Freshworks
Digiversal	Frugal Testing
Divi's Lab	Futron Solutions Inc
Dixon Technologies	Future Choice Club
DJT Corporation	Future Market Insight
DPF Consulting Ltd.	Future Supply Chain Solutions Limited
Dr. Reddy's Laboratories	FutureBridge
Drona Maps	Fynd Shopsense Retail Technologies
DTDC	Gabriel India
DXC Technology	Galaxy Surfactants Ltd.
Ecom Express Private Limited	GD Research Center Pvt. Ltd
Effectual Services	Geetanjali Homestate
EHS Consultant	Genpact
Eka Software	GEP Worldwide

Ghaziabad Precision Products Pvt. Ltd.	Indian Oil Adani Gas P Ltd.
Gigaline Teleservices (OPC) Pvt. Ltd.	inFeedo
Glencore	Infogain
Global Market Insights Research Pvt. Ltd.	Infosys Limited
Globus Eight	INITIA
Go4Explore	Inmovidu Technologies
GoCrackit.com	Innovant & Inspired Living Solutions Private Limited
Godrej & Boyce Mfg. Co Ltd	Insidious eSports Pvt. Ltd.
Gold Plus Glass	Instabase
Goldstone Technologies Limited	Intellipaat
Grifeo Technology	InterraIT
GSTDOST Pvt. Ltd.	Inversion Consultancy LLP
Guavus, a Thales Company	IRM Energy
Haier Appliances India Pvt Ltd	ITC Ltd.
Haiko Logistics India Private Limited	ITH Technologies Pvt. Ltd.
Haldia Petrochemicals Limited	IWL India Ltd.
HALLIBURTON	Jaro Education
Hansa Management Services Pvt Ltd	Jarvis Technology & Strategy Consulting
Hanu Software	Jasper Colin Research Pvt. Ltd.
HAVI	Juego Games
Hawkscode	K Solves
HBG Knowledge Services Pvt. Ltd.	K12 Techno Services Pvt. Ltd.
HCL Technologies	K21 Academy
HDFC Bank Ltd.	Kamal Timbers India Pvt. Ltd.
HDFC Ltd.	Kanpur Logistics Park
Heliware	Kashavi Homes
Hexaview Technologies	Kasstech Aerospace Pvt. Ltd.
Hexaware Technologies	KEC International Ltd.
Hike Education	Kellton Tech Solutions Ltd.
Hiyamee.com	Keyideas Infotech
Hughes Systique	King Stubb & Kasiva
Hunt Property	Knowlvers Consulting Pvt. Ltd.
IBM India Private Limited	KoiReader Technologies Pvt. Ltd.
IC Universal Legal, Advocates & Solicitors	Kreate Energy (I) Pvt. Ltd.
ICF	Kuehne + Nagel Pvt. Ltd.
ICICI Bank	L&T Technology Services Ltd
IERS	La' Pegasus
IESL	Laminaar Aviation Infotech (India) Pvt. Ltd.
IGT Solutions	LanceSoft India
IHS Markit	Larsen & Toubro
IMC Ltd	Law & Legal Services
Inatech	Law Offices of Kr. Vivek Tanwar Advocate & Associates, Gurugram
Increff	
Indian Council of Medical Research	Lawsikho.com

Lead Law	Morris Garage
Learning Curve	Mott MacDonald
Learning Routes	Mount Meru Group
Legasis Services Private Limited	MPCL Industries Limited
Legato Health Technologies	MRN Digital
Leverage Ed-Tech Pvt. Ltd.	MSA Partners
Leverage Edu	Msys Technologies
LexComply	Nagarro
Lexfavios	Net SPI
LIDO Learning	Neurite Technologies
Light Forms Pvt. Ltd.	Newszera
LIN SCAN	NIIT Ltd.
Linde India Ltd.	Nirvana Solutions
LinkedIn	Nivesh.com
Lion Mortgage Consultants	NoBroker
Logic Simplified Pvt. Ltd.	Nobroker.com
LTI- L&T InfoTech	Noida Power Company Ltd
Lutron Electronics	NoPaperForm
Luxor International Pvt. Ltd.	NPCI
M/S Power Petrochemicals	NTT Data Services
Maersk Global Service Centers India Pvt. Limited	Nuberg Engineering Ltd
Mahale Anand Thermal Systems(MATS)	Numocity Technologies
Mahindra Logistics Limited	NxtGen
Makeen Energy	Nykaa
MaKreo Research & Consulting	Offshore Research Partners
Manastu Space	OGES Solutions Pvt. Ltd.
Mandali Games Pvt. Ltd.	OM Logistics
Manikaran Analytics Ltd.	OnceHub
Manikaran Power	One BCG
MAQ Software	One Impression
Markets and Markets	Oorjan Cleantech Pvt. Ltd.
Marketysers Global Consulting LLP	Open Play Technologies
Maruti Suzuki	Optum, UnitedHealth group
Mcube Advisors Private Limited	Orahi
MedTrail Technologies Private Limited	Orange Business Solution (Team lease)
Mercados Energy Markets India Pvt. Ltd.	Padmini VNA Mechatronics Pvt. Ltd.
Merkle Sokrati	Paisagrowth
Midas Consulting	Paperpedia Pvt. Ltd.
Milagrow Business & Knowledge Solutions	Parijat Innovations Pvt. Ltd.
MinusDispute Legal Strategists	Paxcom India (P) Ltd - A paymentus Company
Moglix	Pegasystems
Momentum India	Perfect Plan B
Morae Global	Persistence Market Research
Mordor Intelligence	PhableCare

Pin Click	RRG & Associates
Piper Play Technologies Private Limited	RSM Global
PLA Advocates	Runaya Refining LLP
Planetspark	S.K. Singhi & Co. LLP
Plum Benefits Private Limited	S.S. Rana & Co.
PMIDC (Client of Drona Maps)	Sabarmati Gas Ltd.
Posist Technologies Pvt. Ltd.	Safety Circle
Precily R&D Pvt. Ltd.	Samsung R&D
Preponline	Samudra Vehicle Pvt. Ltd.
Prescient & Strategic (P&S) Intelligence Private Limited	Sarr Freights
Prime Numbers Technologies	Sattrix Information Security Pvt. Ltd.
Pristine Infra	Saveo Healthtech Private Limited
ProcMart	Scaler Academy
ProgIST Solutions LLP	Schlumberger Limited
Propel Guru	Seabird Logisolutions Limited
PropShop	SEAIR EXIM SOLUTION
Protiviti (PKIC)	Seaways Shipping & Logistics Ltd.
PSB Autosales	Servetel Communication
Punj Lloyd	Sharda
Pur Energy Pvt. Ltd.	SHELL
PureSoftware Pvt. Ltd.	SIDAK Automobiles Pvt. Ltd.
Purpul Jack Technologies	Sidhi Vinayak foods
PV Clean Mobility Technologies Pvt. Ltd.	Siemens Technology Services
PwC	Simplilearn
Qdegrees Services	SK Solar Power Systems Pvt. Ltd.
QuEST Global Engineering Services	SL Cider Technologies Pvt Ltd
QuisLex Legal Services Private Limited	SMS Group
Qwik Supply Chain Pvt. Ltd	Soffit Infrastructure Services (P) Ltd.
R. S. Industries	SP Armada Oil Exploration
RA House	Sparrow Risk Management
Rakuten	Spicejet Limited
Raptor Supplies Ltd.	Spicer India Pvt. Ltd. (SIPL)
Real Time Data Services (RTDS)	SquadIQ
REConnect Energy Solutions Pvt. Ltd.	Square Yards
Red Hat	SquareOps Technologies Pvt. Ltd.
Redeure	SSB Engineers Pvt. Ltd.
Reliance Jio Infocomm	St. Xaviers School
Renewsys	StatusNeo
Report Ocean	Stylework Innovation Hub Pvt. Ltd.
Repos Energy India Pvt. Ltd.	Suez India Pvt. Ltd.
Riddhi Infrastructure	Sun Petrochemicals Pvt. Ltd.
RLK Legal	Synergy Teletech P Ltd
Rockman Industries	Synopsys
Royal Enfield	Talentserve

Talwar & Talwar Consultants and Services Pvt. Ltd.	Value Creed
Tanya Khanijow	Vardhama Chambers
TATA Advanced Systems Limited	VARITE India Pvt. Ltd.
Tata Consultancy Services	vDoIT Technologies
Tata Croma	VE Commercial Vehicles
Tata SIA Airlines Limited (Vistara)	Vedanta Limited
Technip	Vedantu Innovations Pvt. Ltd.
FMC	Verzeo Edutech Pvt. Ltd.
TechSci Research	Virtual Analytics
TEKsystems	VMware
Tenovia Solutions	Volkswagen IT Services Pvt. Ltd.
Tetrahedron Manufacturing Services Pvt Ltd	Wadia Ghandy
Think Crazy Technologies Pvt. Ltd.	WalkOver Web Solutions Pvt. Ltd.
Think Future Technologies Pvt Ltd	WatchGuard Technologies
Think Gas	White Hat Jr
TIAA	Willey - mthree
To The New	Wipro Limited
Torrent Gas	Wobot Intelligence
Total IT Consult LLP	Xebia
Toujours Peritus	Xenon Stack
ToXSL	Xperi India
Trantor Software Private Limited	Yamaha Motors Solutions
Trip-N-Tours	Yaskawa India Pvt. Ltd.
TrueBlue Inc	Younity Community LLP
TSM (The Safety Master).	Yuvraj singh and associates
Tygar Law	Zigma Global
Unschool	Zoxima Solutions Private Limited
Unthinkable Solutions LLP	ZS Associates
Upcloud Technology	Zscaler
upGrad	Zucol Service Pvt. Ltd.
Va Tech Wabag Ltd.	Zycus Inc.

SOME OF OUR ALLIANCES

STUDENTS SUPPORT AND EXTENSION ACTIVITIES

The department of Student Engagement and Experience (SEE) is conceptualized to foster all-round development of UPES student and to provide students with emotional support in the form of Personal Counselling and Mentoring and to help them. Identify personal values, appreciate differences, and adapt to a diverse society.

UPES understands that Extracurricular and Co-curricular activities are just as important as academics. SEE closely work with students to ensure a wide range of initiatives and activities for engaging them throughout the academic year.

MANDATE OF STUDENTS WELFARE

- To provide emotional support to the student in the form of Personal Counselling & Mentoring and to help them identify personal values, appreciate differences, and adapt to a diverse society.

- To serve as first point of contact for students for any unheard issues.

- To develop, coordinate and run relevant prevention programs that help them become responsible citizens.

- To provide them a platform to exhibit their skills and talents, through the mode of various activities where like-minded people meet each other, exchange ideas and develop into better human beings.

The department of SEE encompasses the following areas:

STUDENT'S COUNSELLING: Offers variety of personal and Clinical Counselling and support students in times of need.

PERSONAL COUNSELLING: on issues viz. Home Sickness, Academic Overload, Exam Pressure, Peer Pressure, Attendance, Year Back, Adjustment Issue.

CLINICAL COUNSELLING: UPES full time Clinical Psychologist adopts holistic approach and includes all domains of student's life while providing group and one to one counseling. The Counselor aids the students with problems of adjustments, temperament, anxiety, depression, and family & relationship issues. There are special sessions on subject of awareness and education such as gender equality, drug abuse, prevention of sexual harassment and so on.

CLUBS / STUDENT CHAPTERS

Student Chapters and Clubs provide unique opportunities for networking, mentoring and bonding over common interests. They provide support both within the student community and to local communities outside the institution.

Student Chapters are intended to provide a platform through which students may share their special concerns and run programs for students and other members of the community with an interest in information science.

SCHOOL WISE STUDENT DRIVEN CHAPTERS & CLUBS LIST

Sr.	School Name	Name of Student Chapter/ Clubs
1	School of Engineering	Society of Petroleum Engineers (SPE)
2		SAE INDIA UPES Collegiate Club (Society of Automotive Engineers)
3		AAPG [American Association of Petroleum Geologist]
4		UPES SEG STUDENT CHAPTER (Society of Exploration Geophysicists)
5		American Society of Mechanical Engineers (ASME)
6		American Society of Civil Engineers Student Chapter (ASCE), University of Petroleum and Energy Studies, Dehradun
7		IEEE STUDENT BRANCH - (CODE : STB 10991)
8		IIChE UPES Student Chapter
9		The American Society of Heating, Refrigerating and Air-Conditioning Engineers
10		American Society of Safety Professionals (ASSP) Student Section
11		UPES FIPI (Federation Of Indian Petroleum Industry) Student Chapter
12		FSAI (Fire & Security Association of India)
13		Green Up
14		Infinity Space Club
15		AEROCLUB
16		UPES-AEE (Association of Energy Engineers)
17	School of Computer Science	Hypervision
18		UPES-CSA Student Chapter
19		Microsoft Technical Community
20		Computer Society of India
21		UPES ACM - Student Chapter
22		Cyber Sentinel
23		United Club of Developers
24		UPES-CODE CHEF
25		Smart Analyzers
26		Informatics Club
27	School of Business	International Affairs
28		Events
29		Academic & Research
30		E-CELL
31		Corporate Relations
32		Alumni Relations
33		CSR/ Media
34		Sports/ Discipline
35	School of Law	Society of Law and Literature (SOLL)
36		Moot Court Association
37		Technolawgy Society
38		ADR Association
39		UCost IPR Cell

Sr.	School Name	Name of Student Chapter/ Clubs
40.	School of Design	UWUTAKU
41.		Film Club
42.		Sketching Club

CULTURAL CLUB LIST

Sr.	Name of Cultural Clubs
1	UURJA - The Annual Cultural Fest Team
2	Paradigm
3	Vultus
4	X-Hilaration
5	Sanskriti
6	Lazarus Performing Arts
7	P-Urjaa
8	Energy Bhangra Crew

EVENTS CONDUCTED

CULTURAL

The cultural side of UPES provides numerous opportunities for students to get involved, have fun, showcase their talents, and compete against other colleges in a variety of competitions. UPES under the aegis of Department of SEE organizes various cultural event throughout the year

EVENTS LIST

Sr.	Title of the Activity Organized	Date	Number of participating students
1	Immunity Building During Covid Time	7-Jul-20	100
2	Rock – N – Roll	2-Aug-20	50
3	Independence Day Celebration	15-Aug-20	138
4	Independence Day Celebration - IEEE Student Chapter	15-Aug-20	73
5	Cultural Activities during Pre Semester Learning	28-Aug-20	150
6	Happy National Nutrition Month	1-Sep-20	68
7	Teachers' Day Celebration	5-Sep-20	150-200
8	Fit India Movement	13-Sep-20	130
9	Life Through The Lens	14-Sep-20	30
10	Celebrating Hindi Diwas	16-Sep-20	50
11	Care For Mental Health	20-Sep-20	100
12	World Pharmacist Day (Gautam)	25-Sep-20	50
13	Connoisseur The Literary Club – Elocution Competition	28-Oct-20	11
14	Rashtriya Ekta Diwas	31-Oct-20	176
15	The Performing Arts – Meet Up	9-Nov-20	72

Sr.	Title of the Activity Organized	Date	Number of participating students
16	The Performing Art – Experience Your Creative Side	23-Dec-20	37
17	The Performing Arts – Euphoria – 2021	30-Dec-20	150
18	National Youth Day	12-Jan-21	50
19	Celebrating Makar Sankranti	14-Jan-21	150
20	The Performing Arts – Ekatva (Monika Maglik)	16-Jan-21	100
21	Republic Day Celebration - Flag Hoisting	26-Jan-21	100
22	Republic Day Celebration - Cultural Activity	26-Jan-21	186

INTER UNIVERSITY TECHNICAL EVENTS

Sr.	Title of the Activity Organized	Date	Number of participating students	Organizing Body
1	Collaboration with Organ For Life Foundation	22-Aug-20	10	Organ For Life Foundation
2	Improv Premier League	10-July-20	25	PEC Chandigarh
3	Short Filmmaking Competition, Mood Indigo	26-Dec-20	18	IIT Bombay
4	Collaborated with Mulya Creation	9-May-21	6	Mulya Creation
5	Monologue Competition, AWAAZ Society	21-May-21	7	JIMS Kalkaji
6	HAZRA	15-Aug-21	20	Paradigm Revived
7	Improv Session	22-Aug-21	15	Paradigm Revived

SPORTS ACTIVITIES

Sports play a pivotal role in shaping the mental and physical health of the student. Keeping in view the importance of sports in today's era and its importance in the shaping of individual's personality, health and fitness, the university lays considerable emphasis on students participation in various games, sports and other physical activities. The university has a well-developed Sports Department under the aegis of department of Student Engagement and Experience (SEE) which encourages students to participate in various sports activities.

Sr.	Title of the Activity Organized	From Date	To Date
1	Online Sports Quiz	31st Aug 20	31st Aug 20
2	Online Chess Tournament	29th Sept20	29th Sept 20
3	Rapid Online Chess Tournament	28th Nov20	28th Nov 20
4	Intra Mural Chess Tournament	3rd May 21	3rd May 21

SCHOOL WISE STUDENT ACTIVITIES

Sr.	School	Program Title	Type of Activity	Date	Participants
1	SOE	Skills & Thrills	Online Event	21/07/2020	30
2	SOE	Bollywood Masala	Online Event	17/07/2020	40
3	SOE	Mad Over Cars	Online Event	27/9/2020	33
4	SOE	Webinar 1.0	Online Event	11/8/2020	25
5	SOE	Jumble Fumble	Online Event	15/09/2020	45
6	SOE	Question Heirs	Online Event	17/09/2020	50
7	SOCS	Codivent	Online Event	20/7/2020	150
8	SOCS	Web Portfolio	Online Event	29/8/2020	38
9	SOCS	Azure fundamentals	Online Event	22/07/2021	85
10	SOCS	Coder Cup	Online Event	7/11/2020	42
11	SOCS	Code It	Online Event	2/5/2021	65
12	SOCS	Among Us	Online Event	25/10/2020	75
13	SOCS	Cyber Hygine in Pandemic	Online Event	26/06/2021	55
14	SOCS	Portfolio creation from scratch	Online Event	20/06/2021	40
15	SOCS	AWS trainings and certifications	Online Event	17/04/2021	123
16	SOCS	C Workshop	Online Event	17/01/2021	48
17	SOCS	Info SEC talks	Online Event	20/09/2020	70
18	SOCS	Java Pathshala	Online Event	21/06/2021	100
19	SOCS	Web Portfolio	Online Event	29/08/2020	220
20	SOE	Independence Day	Online Event	15/08/2020	35
21	SOE	Bingomania	Online Event	28/09/2020	84
22	SOE	Meme-It	Online Event	29/09/2020	75
23	SOE	Filmygyan	Online Event	30/09/2020	45
24	SOE	Mindtrap	Online Event	1/10/2020	35
25	SOE	Prakash	Online Event	14/09/2020	50
26	SOE	Logo Trivia	Online Event	30/10/2020	82
27	SOE	Quizothon	Online Event	1/12/2020	100
28	SOE	Energica	Online Event	2/12/2020	84
29	SOE	War of Words	Online Event	3/12/2020	38
30	SOE	POSTEROUS	Online Event	4/12/2020	33
31	SOE	Sahyog (28th September, 2020	Offline Event	29/09/2020	25
32	SOE	Safaigiri (2nd October, 2020	Offline Event	2/10/2020	30
33	SOL	Online Internal Moot Court	Online Event	13/07/2020	43
34	SOL	A-Z of International Mooting	Online Event	06/07/20	60

Sr.	School	Program Title	Type of Activity	Date	Participants
35	SOL	Paras Diwan Energy Moot Court	Online Event	25/04/2021	44
36	SOL	Basics of Moot Court 1st yr students	Online Event	13/01/2021	120
37	SOL	III surana & Surana Moot Court Competition	Online Event	29/01/2021	48
38	SOL	VIII Novice Moot Court	Online Event	16/04/2021	61
39	SOL	International Arbitration Moot	Online Event	9-July-20	75
40	SOL	XV Intra Moot Court Competition	Online Event	4-Oct-20	50

EXTENSION ACTIVITIES

NATIONAL SERVICES SCHEME (NSS) ACTIVITIES

Title of the activities	Number of teachers coordinated in such activities	Number of students participated in such activites	Number of Male students participated in such activites	Number of Male students participated in such activites	From Date	To Date
Independence Day Celebrateion	3	211	127	84	15-Aug-20	15-Aug-20
Hindi Diwas Celebration	6	63	38	25	14-Sep-20	14-Sep-20
Golden Jubilee Celebration	8	>500	300	200	24-Sep-20	24-Sep-20
Fit India Movement	6	>500	295	205	6-Sep-20	2- Oct-20
National Unity Day	5	84	50	34	31-Oct-20	31-Oct-20
Yuva Mahotsav	5	26	16	10	1-Jan-21	4-Jan-21
72nd Republic Day Celebration	5	192	115	77	26-Jan-21	26-Jan-21
Orientation Session	4	122	73	49	6-Feb-21	6-Feb-21
Sadak Suraksha-Jeevan Raksha	2	124	74	50	7-Feb-21	7-Feb-21
India@75: Azado ka Amrit Mahotsav	5	>500	290	210	12-Mar-21	8-Apr-21
Awareness on Covid-19	5	>200	120	80	5-Mar-21	28-Apr-21
Poshan Pakhwara	5	240	144	96	27-Mar-21	31-Mar-21
Click it 2.0	2	223	134	89	22-May-21	5-Jun-21
Yoga Mahotsav	7	>500	293	207	15-Jun-21	21-Jun-21
Chitrakala 2.0	1	50	30	20	28-Jun-21	10-Jul-21

CORPORATE SOCIAL RESPONSIBILITY

Since its very inception, UPES has been aware, sensitive and active in its responsibilities towards the society in general and the neighboring community in particular. The University encourages active participation of the students in implementation of its voluntarily initiated societal responsibility interventions that aim to encourage, empower and equip the lesser privileged in the society. The focus areas of the interventions are categorized under Education for the Underprivileged at Primary Level, Special Focus to Support Girl Child Education at all Levels, Economic Empowerment of Rural Women and Contributing Towards Nation Building Activities.

Sr. No.	Title of the activities	Organizing unit/ agency/ collaborating agency	From Date	End Date
	Project Utthan: Developing a Model Smart Village			
1	Harela- one of the prominent Kumaoni festival of Uttarakhand region marks the advent of monsoons & beginning of the sowing cycle. UPES has been celebrating Harela for the past few years but this was the first time Harela festival was celebrated with the village community. The event was marked with the plantation of 100 saplings of lemon tree in Dhalani & Koti villages. Facemasks and sweets were also distributed on this occasion.	UPES-CSR	16-Jul-2020	16-Jul-2020
2	Medical Healthcare Camp (A total number of 69 patients attended the camp and derived benefits viz. diagnostics, medicines etc.)	UPES-CSR	1-Aug-2020	1-Aug-2020
3	Medical Healthcare Camp (A total number of 105 patients attended the camp and derived benefits viz. diagnostics, medicines etc.)	UPES-CSR	9-Aug-2020	9-Aug-2020
4	Medical Healthcare Camp (A total number of 60 patients attended the Camp and derived benefits viz. diagnostics, medicines etc.)	UPES-CSR	7-Sep-2020	7-Sep-2020
	Donations			
5	UPES donated a computer to Fire Station Office, Dehradun. The department was very thankful to the University for acknowledging their request.	UPES-CSR	7-Aug-2020	7-Aug-2020
	Local Felicitation			
6	Sponsoring Building, Furniture and Fittings for new Police Chowki at Bidholi, Dehradun	UPES-CSR	4-July-2020	14-Oct-2020
7	During lockdown period in June 2021, a project named 'Dronasthali' was implemented that was designed and aimed to educate our teaching fraternity on how can we effectively use WhatsApp in teaching students. Dr. Juhi Garg and Dr. Deepshikha Bhargava lead this Online Workshop. The beneficiaries were 30 teachers from nearby RPV's (Rajkiey Prathmik Vidyalay)	UPES-CSR	4-July-2020	5-July-2020

SOCIAL AWARENESS ACTIVITIES

Sr.	Title of the Activity Organized	Date	Number of participating students	Organizing Body
1.	Immunity Building During Covid Time	7-Jul-20	100	SEE
2.	Happy National Nutrition Month	1-Sep-20	68	SOHS
3.	Fit India Movement	13-Sep-20	130	SEE
4.	Care For Mental Health	20-Sep-20	100	SEE
5.	World Pharmacist Day (Gautam)	25-Sep-20	50	SOHS

MENTOR – MENTEE PROGRAM

UPES has adopted Mentor-Mentee System in all Schools. As per the UPES Mentor-Mentee policy, each student will be assigned a Faculty Mentor upon his / her joining to UPES. The Faculty Mentor shall have an advisory role and will guide / assist the student in the pursuit of his / her academic career throughout his / her tenure at UPES. Students are expected to consult their Faculty Mentors on any matter relating to their academic performance and the courses they may take in various semesters / summer terms. The Faculty Mentor is assigned to extend guidance to the students enabling them to complete their courses of study for the required degree in a smooth and timely manner. The Faculty Mentor is the person to whom the parents / guardians should contact for performance related issues of their wards.

A Faculty Mentor is expected to:
1. Guide a student on rules and regulations of the academic programme
2. Pay special attention to the academically weaker students
3. Guide and liaise with the parents of students
4. Monitor and analyse performance of the students on regular basis
5. Encourage students to satisfy the mandatory attendance requirement
6. Analyse and try to solve personal problems of the students
7. Record all the activities in the Mentor diary, in the prescribed format

Each student shall register for a set of courses as advised by his / her Faculty Mentor at the commencement of every semester. Students with backlog should continuously seek help from their Faculty Mentors. The University shall also communicate to the parents / guardians regarding performance of their ward by scanning copy of grade card at the end of each semester.

STUDENT INDUCTION / ORIENTATION PROGRAMS

UPES conducts a student orientation program to create an atmosphere that can reduce the anxiety associated with the transition from school to college, promote a positive attitude and stimulate an interest in learning. It creates a welcoming atmosphere for students and families to meet faculty, staff as well as other new students.

During the time of COVID. We realized that the priority of the moment is to combat this post-pandemic stress, so we tried to turn this year's orientation to be more of a stress buster than being only informative. This program was also a testimony that how students can continue with their learning even during uncertainties.

We Planned and executed the following events:

- Knowing your University
- Interaction with Leadership
- Interactive Workshops Series
- Academic Interface
- Industry Interface and Interaction with Industry Leaders
- Meeting with Star Alumni
- Cultural Extravaganza

GRIEVANCE REDRESSAL

The University is very meticulous when it comes to redressing the student grievances related to academic and non-academic matters. There is robust and transparent Grievance Redressal mechanism which is in practice to ensure that the grievances are resolved promptly, neutrally and in complete confidentially. The primary objective is to introduce a fair, impartial and consistent mechanism for redressal of various issues faced by the students/parents in accordance with UGC guidelines. While this platform allows all students to voice their concerns, it is imperative that the concern must qualify as a grievance, that is serious enough to deserve the attention of the Committee. A Grievance Redressal Committee is constituted in order to address the grievance and ensures speedy resolution of the problems / complaints / grievances including sexual harassment and ragging cases.

Action Points	Date	Organizing Body
Grievances	18 Cases	18 Cases
Ragging cases	0	0
Harassment	0	0

LIBRARY

The UPES Library, with its wide range of collection of knowledge resources and innovative information services, fills an essential requisite in the intellectual pursuits of our students, faculty and the surrounding community. UPES Library, a Hybrid Centre with the state-of-the-art technological applications holds knowledge resources predominantly related to engineering, science & technology, management, law, Allied Health Science and allied subjects. The entire collection of books, print journals/magazines along with its wide range of e-collection including e-journals, e-books, online databases, non-book materials etc., are accessible through the Institute network.

LIBRARY FACILITIES

Infrastructure (Library Space)	Bidholi & Kandoli campus - 33965 Sq. ft.
No. of Books Titles	29701
No. of Volumes	204100
No. of E-Books	249428
No. of Journals	74
No. of E-Journals	19148
E-Proceedings	31237
E-Standards	4093
No. of Databases	68
No. of Magazines	71

VARIOUS INITIATIVES TAKEN DURING COVID

All UPES Libraries were closed access to physical facilities and had moved to a virtual services model by providing:

- Easy access to e-resources from outside the campus:
  a. E-Books (2.49 lakhs+ titles) from Bloomsbury, McGraw Hill, PHI, Pearson, Elsevier, Springer, ProQuest Academic, john Wiley, EBSCO, etc.
  b. More than 53000 e-Journals, e-proceedings and e-standards
  c. 68 Databases like Scopus, Web of Science, ScienceDirect, IEEE xPlore DL, Emerald Management, EBSCO business Source ultimate, etc.
  d. Access to Harvard Business Case Studies to support teaching, learning and research

- Has activated the following online resources from renowned publishers :
  a. Access to 3,31,000 + Indian Electronic Theses and Dissertation for research students from Shodhganga
  b. Access to 22,000 + modules (E-text / Video) - Open Educational Resources in all subject areas to support remote classroom needs from e-PG Pathshala (https://epgp.inflibnet.ac.in/Home).
  c. Free access to over 700 textbooks from Cambridge University Press until 31 May 2021
  d. Free access to ProQuest Dissertation and Theses Global Full Text; Advance Technology and Aerospace Database; Agricultural & Environmental Science Database; American Psychological Association – PsycArticles and Factiva database (https://www.proquest.com/)
  e. Free access to 'COVID-19 resources' (articles from books & journals related to COVID-19) from Oxford University Press
  f. Trial access activated for Grammarly Software for technical writing.
  (URL: www.grammarly.com/edu)
  g. Trial access activated for EBSCO Humanities International Complete & EBSCO Humanities Source Ultimate from EBSCO

- Extended access to previous year Question Papers. This facility is made available only for the lockdown period.

- Students were also informed of the various UGC and MHRD Online platforms available, to access e-content and e-courses

- All faculty and interested students got access to URKUND Software for checking of plagiarism as permitted by INFLIBNET and MHRD.

- Off-campus permission is provided to students to access e-library and to use e-resources. Borrowing period of all books from the library has been extended and overdue fines for late return of books and other library materials has been waived off. Book reservation facility has been suspended.

Conducted 11 webinars to acquaint and upskill faculty and students to access and search of e-resources and e-library facilities

Sr.	Name of the Webinar Topic	From Date	To Date
1.	Workshop on "Enhance your research using Mendeley Smart Referencing System"	15-Apr-21	15-Apr-21
2.	Library Orientation and access to E-Resources	14-Apr-21	14-Apr-21
3.	PhD Orientation Program Invite	12-Apr-21	12-Apr-21
4.	Library Orientation Program: "Remote Access to Library Resources - Registration"	5-Apr-21	5-Apr-21
5.	Webinar: "Improve your research quality using Smart Referencing tool Mendeley"	19-Jan-21	19-Jan-21
6.	Online Training for Westlaw & Thomason Reuters Proview Law E-Books	18-Jan-21	18-Jan-21
7.	Library Induction Program	15-Jan-21	15-Jan-21
8.	Library Induction Program	13-Jan-21	13-Jan-21
9.	FW: IEEE Awareness Session	12-Jan-21	12-Jan-21
10.	Invitation to Training Session: IEEE xPlore Digital Library and EBSCO Discovery Sevices	6-Jan-21	6-Jan-21
11.	RE: Request to arrange Zoom Meeting - Library Orientation	27-Sep-20	27-Sep-20
12.	Library Orientation Program for BCA 1st year students zoom link	22-Sep-20	22-Sep-20
13.	FW: Zoom Meeting - Library Orientation	19-Sep-20	19-Sep-20

SCHOLARSHIPS / FINANCIAL AID PROVIDED

AID PROVIDED BY UPES AND PRIVATE BODIES

Scholarship/Financial Aid	Benefitted Students
Merit Scholarship	279
Performance Scholarship	1085
Financial Aid	57
Employee Wards Fee Concession	16
Approved Grant to Exchange Programs Student	21
Scholarship to foreign students	11
Sponsorship by Private Bodies	11
Alumni Scholarship	34
Girls Scholarship	1318
Covid-19 Scholarship	7943

AID PROVIDED BY GOVERNMENT BODIES

Scholarship/Financial Aid	Benefitted Students
Bihar Credit Card Scheme	14
Central Sector Scheme Of Scholarships For College And University Students	1
Ishan Uday Special Scholarship Scheme For NER	1
Merit-Cum-Means Scholarship For Professional And Technical Courses CS	8
MMVY (Mukhya Mantri Vidhyarthi Yojna)	1
Post Matric Scholarship Schemes Minorities Cs	5
Post-Matric Scholarship For Sc Students-Uttarakhand	1
Prime Minister'S Scholarship Scheme For Central Armed Police Forces And Assam Rifles	1

UPES COUNCIL FOR INNOVATION AND ENTREPRENEURSHIP (UCIE)

The sentiments of not being afraid of your dreams and making it to a reality has been an integral part of the ethos and culture of our Incubation Center and the entrepreneurs it fosters. The past year has been encouraging yet challenging times for our students and startups alike. However, our entrepreneurs have thrived during these testing times with the help and support of our Incubation Center. Our startups are trying to make a positive impact on the society by providing intelligent and ingenious solutions. They have gathered accolades from the President of India, raised 8 figure funding, and gained international recognition. When the world stood at a standstill during the ongoing pandemic, our entrepreneurs seized this opportunity to provide various services to help and protect our near and dear ones. They provided door-to-door services for medicines, medical supplies, and essential items.

Our Incubation Center delivers a thought-provoking and problem-solving environment with mentoring support to foster entrepreneurship on the campus. They incubated 17 legal entities last year while evangelizing thousands of students and screening various ideas. The Incubation Center is a crucial stakeholder in the local ecosystem as a nodal agency and recognized business incubator by the Government of Uttarakhand.

They have ties with stakeholders of the National Startup ecosystem like WE- HUB, Here Technologies, Shell, TiE Chapter, and Atal Incubation Centers. With the help of these stakeholders, the Incubation Center conducted various successful events such as UDYAM - A preincubation Program attended by more than 100 aspiring entrepreneurs and featured mentorship from Vice President, PayTm and members of the Indian Angel Network. Webinars and workshops from Founders and Co-founders like Mr. Avelo Roy, Mr. Vikram Duggal, and Mr. Dilnawaz Khan to evangelize students about the different facets of entrepreneurship.

The Incubation Center aims to aid students in their personal and professional growth to benefit the startup ecosystem. Courses such as 'Venture Ideation' and 'Start your Startup' are helping the students to know about entrepreneurship, leadership, and team building. Entrepreneurship Cell - UPES, is a student organization governed and run by the determined students who work together in co-ordination to redeem and realize entrepreneurial spirit by creating an entrepreneurial environment through workshops, events and sponsor session with sharp networking, consultancy and mentoring.

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LIST OF INCORPORATED COMPANIES

Sr.	Name of Promoter	Name of Legal Entity	School	Sector	Date of Incorporation
1	Ajay Saksena	Ajexion Software Solutions LLP	SOCS	Consumer Services	8/8/2020
2	Abheesht Singh	Cavenx LLP	SOCS	Enterprise Tech	24/08/2020
3	Jaideep Saraswat, Mithilesh Sharma, Deepshikha Sharma	Xperience Greentech Private Limited	SOE	Enterprise Tech	11/9/2020
4	Shailendra Singh, Srinjoy Das, Sharvani Das	Neovision Cyber Systems India LLP	SOCS	Enterprise Tech	15/09/2020
5	Bhawna Vishwakarma	Prolegal Millennials LLP	SOL	Enterprise Tech	19/09/2020
6	Shweta Sharma	Nityapushta Farm Products Pvt Ltd	Non UPES	Green Tech	19/09/2020
7	Jaskaran Singh Moti, Kuldip Kaur	Snappers Eye Private Limited	SOCS	Consumer Services	27/10/2020
8	Neelam	Mjra Naturals Private Limited	Non UPES	Health Tech	11/12/2020
9	Kuldeep Parashar	ASHT Capital	SOE	Fin Tech	11/12/2020
10	Bhavdeeep	Virlig Service Private Limited	SOB	Enterprise Tech	14/11/2019
11	Paurush Dobhal	F and T Nature LLP	SOE	Green Tech	28/04/2021
12	Mihir Naik	Techmihirnaik	SOB	Enterprise Tech	5/3/2021
13	Neel Adavani	Detectsure Solutions LLP	SOCS	Enterprise Tech	27/05/2020
14	Alisha Maindoliya, Ankita Maindoliya	Mulya Creations LLP	Non UPES	Fashion Tech	1/7/2020
15	Varun Agarwal	Ridehkart Pvt. Ltd.	SOCS	Enterprise Tech	16/03/2019
16	Aviral Sharma	Thearton Square OPC Pvt Ltd	SOE	IT Tech	19/09/2019
17	Sameep Tripathi	Carrus Mobility Solutions	SOE	Deep Tech	10/3/2021

LIST OF PRE-INCUBATED COMPANIES

Sr.	Name of Promoter	Proposed Startup Name	Sector
1	Akash Saini	Allusion	Ed Tech
2	Ayushi Teotia	Gorach Designs	Consumer Services
3	Nishant Chaudhary	MAYWE	Consumer Services
4	Tanish Katyal	GrehSeva	Consumer Services
5	Paramjeet Singh Saluja	Hedge and Edge	Fin Tech
6	Divyam Verma Molasaria	The Vision	Health Tech

Sr.	Name of Promoter	Proposed Startup Name	Sector
7	Sarthak Jain	DotQuestion Mark	Ed Tech
8	Neel Adwani	VotEmail	Enterprise Tech
9	Sanskar Lather	Cedar Fumes	Consumer Services
10	Karanveer Singh Marwah	SunMar Tech	Consumer Services
11	Naman Gandhi	Tachyon Automotive	Transport Tech
12	Nandit Srivastava	Subratha	Consumer Services
13	Ujjwal Gupta	Secure You	Consumer Services
14	Abhishek Sharma	Research Buds	Enterprise Tech
15	Kratika Arora	Uchi Udaan	Green Tech
16	Atharwa Gauraha	Bakery E-Commerce	Food Tech
17	Mohak Kumar	E Friends	Consumer Services
18	Ayush Singh	Eco Blend	Green Tech
19	Anmol Gupta	GreenTivity World	Food Tech
20	Paurush Dobhal	Kamandal	Green Tech
21	Kushal Jategaonkar	Learn Vault	Ed Tech
22	Jalota Nitish Dinesh	Discart	Consumer Services
23	Giriraj Molasaria	Yantra	Enterprise Tech

EVENTS CONDUCTED

Sr.	Progamme Name	From Date	End Date
1	"Project Utthan" Sweet Distribution in Celebration Harele Fest at Dhalani, Koti	16-Jul-2020	16-Jul-2020
2	"Project Uthan" Medical Camp Dhalani, Koti	1-Aug-2020	1-Aug-2020
3	Computer Distribution Uttarakhand Fire Department	7-Aug-2020	7-Aug-2020
4	"Project Utthan" Medical Camp Dhalani Koti"	9-Aug-2020	9-Aug-2020
5	"Project Utthan" Medical Camp & Meeting at Adopted Village Dhalani, Koti	7-Sept-2020	7-Sept-2020
6	"Project Vridhi" Over all Additional Maintenace and Repairs Work at 05 Adopted RPV's	20-July-2020	26-Oct-2020
7	Inaguration of Police Chowki Bidholi	14-Oct-2020	14-Oct-2020
8	"Project Dronasthli" Day -1 Workshop (WhatsApp Training RPV's Principal & Teachers)	4-Jun-2021	4-Jun-2021
9	"Project Dronasthli" Day - 2 Workshop (WhatsApp Training RPV's Principal & Teachers)	5-Jun-2021	5-Jun-2021

ALUMNI ASSOCIATION

DETAILS OF ALUMNI CHAPTER / MEET

Sr.	Location / Place of the Meet	Date of the Meet	Number of Participants
1	Zoom Meet	4-Jul-20	112
2	Zoom Meet	4-Jul-20	125
3	Zoom Meet	5-Jul-20	118
4	Zoom Meet	11-Jul-20	98
5	Zoom Meet	11-Jul-20	110
6	Zoom Meet	11-Jul-20	84
7	Zoom Meet	25-Jul-20	124
8	Zoom Meet	25-Jul-20	126
9	Zoom Meet	8-Aug-20	67
10	Zoom Meet	22-Aug-20	79
11	Zoom Meet	12-Sept-20	84
12	Zoom Meet	26-Sept-20	58
13	Zoom Meet	10-Oct-20	58
14	Zoom Meet	24-Oct-20	89
15	Zoom Meet	15-Nov-20	62
16	Zoom Meet	28-Nov-20	77
17	Zoom Meet	12-Dec-20	67
18	Zoom Meet	19-Dec-20	105
19	Zoom Meet	9-Jan-21	87
20	Zoom Meet	23-Jan-21	59
21	Zoom Meet	22-Feb-21	24
22	Zoom Meet	29-May21	18
23	Zoom Meet	30-May-21	25

LIST OF MASTER CLASS ORGANIZED

Sr.	Name of the Guest Speaker	Title of the Talk / Lecture	Date	Number of Participants
1	Arun R	Preparatory session for Shell	2-Oct-20	65
2	Prageet Kaushik	Preparatory Session for Markets & Markets	7-Oct-20	78
3	Sachin Bisht	Digitalization in Manufacturing Industry	5-Nov-20	135
4	Arkoday Roy	From UPES to CAM and Beyond	12-Jun-21	49
5	Ravi Goyal	Ask Me Anything	20-Jun-21	53
6	Amit Yadav	Collaborative Decision Making	29-Jun-21	81

DETAILS OF ALUMNI REGISTERED FROM 2021 BATCH

Sr.	Name of the Program	Number of Alumni registered
School of Computer Science	
1	B.Tech Computer Science Engineering with Spl. In Banking Financial Services & Insurance	12
2	B.Tech Computer Science Engineering with Spl. In Big Data	57
3	B.Tech Computer Science Engineering with Spl. In Business Analytics & Optimization	119
4	B.Tech Computer Science Engineering with Spl. In Cloud Computing and Virtualization Technology	147
5	B.Tech Computer Science Engineering with Spl. In Cyber Security & Forensics	149
6	B.Tech Computer Science Engineering with Spl. In DevOps	43
7	B.Tech Computer Science Engineering with Spl. In E-Commerce , Retail and Automation	9
8	B.Tech Computer Science Engineering with Spl. In Graphics & Gaming	30
9	B.Tech Computer Science Engineering with Spl. In Internet of Things & Smart Cities	68
10	B.Tech Computer Science Engineering with Spl. In IT Infrastructure Management	39
11	B.Tech Computer Science Engineering with Spl. In Mainframe Technology	20
12	B.Tech Computer Science Engineering with Spl. In Mobile Computing	13
13	B.Tech Computer Science Engineering with Spl. In Oil & Gas Informatics	54
14	B.Tech Computer Science Engineering with Spl. In Open Source & Open Standards	90
15	Bachelors of Computer Application	69
16	M.Tech Computer Science Engineering	3
School of Engineering	
17	B.Tech Aerospace Engineering	55
18	B.Tech Aerospace Engineering with Spl. in Avionics	35
19	B.Tech Applied Petroleum Engineering with Specialization in Gas	117
20	B.Tech Applied Petroleum Engineering with Specialization in Upstream	118
21	B.Tech Automotive Design Engineering	57
22	B.Tech Chemical Engineering with Specialization in Refinery and Petrochemicals	118
23	B.Tech Civil Engineering with Spl. in Infrastructure Development	36
24	B.Tech Electrical Engineering	20
25	B.Tech Electronics & Communication Engineering	39
26	B.Tech Fire & Safety Engineering	52
27	B.Tech Geo Informatics Engineering	34
28	B.Tech Geo Science Engineering	16
29	B.Tech Mechanical Engineering	75
30	B.Tech Mechatronics Engineering	25
31	B.Tech Mining Engineering	9
32	B.Tech Power Systems Engineering	7
33	M.Tech Automation & Robotics Engineering	5
34	M.Tech Chemical Engineering with Spl. in Process Design Engineering	7
35	M.Tech Computational Fluid Dynamics	7

| Sr.	Name of the Program	Number of Alumni registered
36	M.Tech Energy Systems	6
37	M.Tech Health Safety & Environmental Engineering	68
38	M.Tech Health Safety & Environmental Engineering (With Spl. in Disaster)	16
39	M.Tech Petroleum Exlporation	11
40	M.Tech Pipeline Engineering	3
41	M.Tech Renewable Energy	10
42	M.Tech Rotating Equipment	2
43	M.Tech Structural Engineering	3
	School of Business	
44	BBA Accounting and Information Systems	8
45	BBA Auto Marketing	9
46	BBA Aviation Operations	81
47	BBA Core (HR)	28
48	BBA Core (Marketing)	27
49	BBA Digital Marketing	52
50	BBA E-Business	18
51	BBA Financial Analysis & Services	34
52	BBA Foreign Trade	50
53	BBA Logistics Management	34
54	BBA Oil & Gas Marketing	42
55	MA Economics (with specialization with Energy Economics)	3
56	MBA Aviation Management	15
57	MBA Business Analytics	16
58	MBA Energy Trading	12
59	MBA General Management (Finance)	20
60	MBA General Management (HR)	11
61	MBA General Management (Marketing)	19
62	MBA General Management (Operations)	2
63	MBA International Business Management	22
64	MBA Logistics & Supply Chain Management	58
65	MBA Oil & Gas Management	69
66	MBA Power Management	20
	School of Law	
67	B.A., LL.B. (H) - Criminal/Labour/Constitution Laws	105
68	B.A., LL.B. (H) - Energy Laws	121
69	B.B.A., LL.B. (H) - Corporate Laws	113
70	B.B.A., LL.B. (H) - International Trade & Investment Laws	41
71	B.Com., LL.B. (H) - Taxation Laws	102

Sr.	Name of the Program	Number of Alumni registered
72	B.Tech., (CS) + Cyber Laws	25
73	B.Tech., (ET) + IPR	5
School of Design		
74	B.Des. Digital Design	26
75	B.Des. Product Design	69
76	B.Des. Transportation Design	23
77	M.Des. Fashion Design	1
78	M.Des. Industrial Design	7
79	M.Des. Interaction Design	3
80	M.Des. Transport Design	6
	TOTAL	**3170**

Virtual Alumni Meet

Alumni Master Class
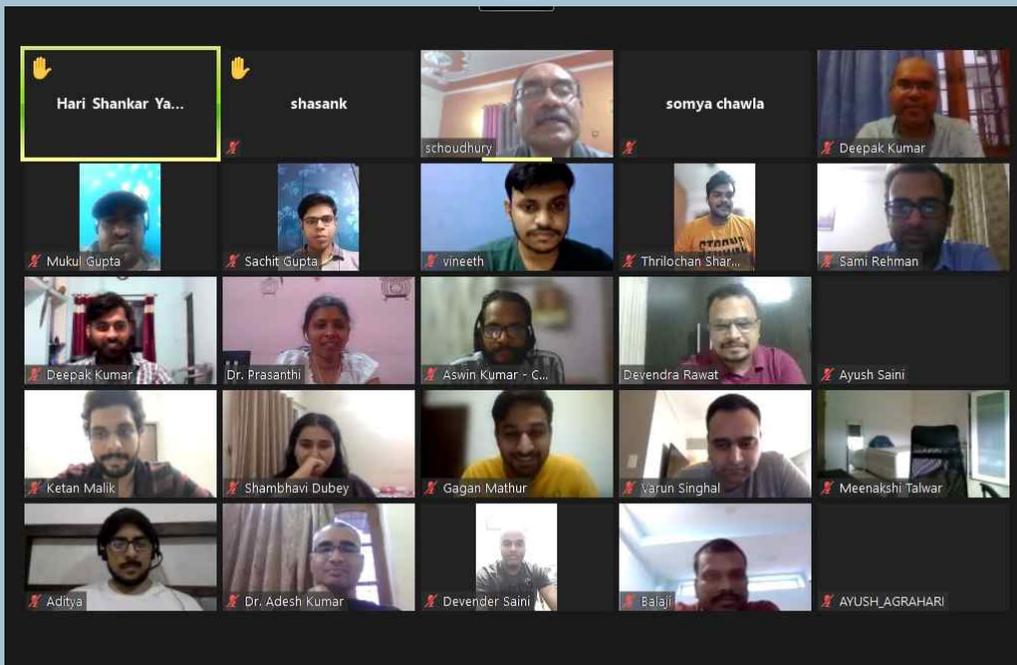
Alumni for NAAC Visit

Alumni Campus Visit

Felicitation of Alumni during NAAC

Honouring the Alumni

A huge shoutout to the
UPES Alumni for
Sahyog

A pandemic support initiative for families of alumni with region-wise WhatsApp groups.

#UPESCares

SAHYOG

CONVOCATION

The 18th Convocation of UPES was held on 19th August 2021 for the batch 2020. Hon'ble Governor Smt. Baby Rani Maurya conveyed her blessings to the graduads through a video recorded message. The occasion was graced by the Mr. Alok Ohrie, President & MD Dell Tech Pvt. Ltd. and Shri Anmol Singh Jaggi, Founder & MD, GENSOL Engineering Ltd.

In all, 2806 UG, 985 PG, 04 Higher Doctorate and 48 Ph.D degrees were conferred besides, Medals to meritorious students.

Details of Academic Medal awarded are as under:

University Gold Medals   : 7

Institutional Gold Medals   : 3

University Silver Medals   : 42

Certificate of Appreciation   : 30

Certificates of Merit   : 6
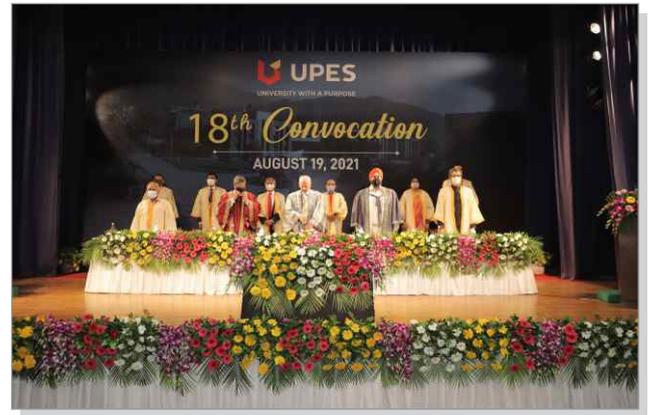
FINANCIALS

Raghu Nath Rai & Co.

Chartered Accountants

9 Mathura Road, Jangpura 'B'. New Delhi-110014

Phones / Auto Fax: 91-11-24372181-82/ 011-41637508

INDEPENDENT AUDITOR'S REPORT

Report on the Financial Statements

We have audited the accompanying financial statements of University of Petroleum & Energy Studies (University), which comprise the Balance Sheet as at 31st March 2021, the Statement of Income and Expenditure for the year ended, and a summary of the significant accounting policies and other explanatory information.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India:

a) in the case of the Balance Sheet, of the state of affairs of the University as at March 31, 2021;

b) in the case of the Income & Expenditure Account, of the excess of income over expenditure for the year ended on that date.

Management's Responsibility for the Financial Statements

University Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of the University in accordance with the Generally Accepted Accounting Principles. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the University's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by trust management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

For
RAGHU NATH RAI & CO.
Chartered Accountants
FRN: 000451N
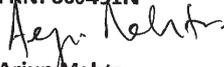
Arjun Mehta
(Partner)
Membership No.: 097685

Place: New Delhi
Date: 19/10/2021

UDIN- 21097685AAAADW6787

E mail: admin@rnr.in; Website: www.rnr.in

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Balance Sheet as at 31st March 2021

(Amount in Rs.)

Particulars	Note No.	Year ended 31st March 2021	Year ended 31st March 2020
Sources of Funds			
Capital Funds			
Permanent Endowment Fund	1A	1,47,15,439	1,46,63,548
Development Fund	1B	1,41,18,440	1,39,62,767
General Fund	1C	3,57,01,31,829	3,99,37,48,040
Non - Current Liabilities			
Long term provisions	2	69,62,93,234	83,62,55,596
Other long term liabilities	3	30,15,92,162	31,63,07,661
Current Liabilities			
Trade Payables	4	13,21,27,903	41,08,22,629
Other Current Liabilities	5	1,32,84,80,432	1,37,40,62,592
Short term provisions	6	1,80,38,265	2,11,02,402
Total		**6,07,54,97,704**	**6,98,09,25,235**
Application of Funds			
Non - Current Assets			
Property,Plant & Equipments			
Tangible Assets	7	1,24,51,91,310	1,35,74,53,261
Intangible Assets	7A	2,32,71,913	2,78,49,026
Capital work in progress	7	1,42,84,948	2,69,97,281
Investments	8	51,000	51,000
Long term loans and advances	9	56,57,94,262	17,49,63,336
Current Assets			
Trade Receivables	10	25,97,60,259	1,74,34,212
Cash & Bank Balances	11	3,47,95,69,901	5,03,01,69,311
Short term loans and advances	12	43,53,07,134	16,76,46,481
Other current assets	13	5,22,66,977	17,83,61,327
Total		**6,07,54,97,704**	**6,98,09,25,235**

Significant Accounting Policies and Schedule to Accounts are integral part of financial statements
As per our report of even date

For Raghu Nath Rai & Co.
Chartered Accountants
FRN:- 000451N

Arjun Mehta
(Partner)
Membership No:- 097685

For University of Petroleum & Energy Studies

Navneet Mehta
(Finance Officer)

Dr. Sunil Rai
(Vice Chancellor)

Place: New Delhi
Date : 19 OCT 2021

UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Income & Expenditure statement for the year ended on 31st March 2021

(Amount in Rs.)

Particulars	Note No.	Year ended 31st March 2021	Year ended 31st March 2020
Income			
Income from Academics	14	3,83,27,17,226	4,53,80,35,812
Interest Income	15	22,35,55,460	38,25,82,399
Total Income	(A)	4,05,62,72,686	4,92,06,18,211
Human Resource & Related Costs	16	1,81,63,66,822	1,70,44,65,950
Education Expenses & Student Activities	17	1,68,77,12,292	1,70,74,94,957
Research & Innovation Expenses	18	3,47,53,093	3,02,76,670
Administrative Expenses	19	39,40,39,876	53,96,62,594
Rent, Rates & Taxes		33,65,97,171	40,71,06,274
Finance cost	20	31,89,509	18,51,585
Total Expenditure	(B)	4,27,26,58,763	4,39,08,58,030
Surplus/(Deficit) before Depreciation	(C)=(A)-(B)	(21,63,86,077)	52,97,60,181
Depriciation and amortization expense	7 & 7A	20,70,22,570	22,62,72,081
	(D)	20,70,22,570	22,62,72,081
Surplus/(Deficit) after Depreciation	(E)=(C)-(D)	(42,34,08,647)	30,34,88,100
Appropriations:			
-to Endowment Fund (Interest on Fixed Deposit)		51,891	46,099
-to Development Fund (Interest on Fixed Deposit)		1,55,673	1,38,298
	(F)	2,07,564	1,84,397
Surplus/(Deficit) Transferred to General Fund	(G)=(E)-(F)	(42,36,16,211)	30,33,03,703

Significant Accounting Policies and Schedule to Accounts are integral part of financial statements

As per our report of even date

For Raghu Nath Rai & Co.
Chartered Accountants
FRN:- 000451N

For University of Petroleum & Energy Studies

Arjun Mehta
(Partner)
Membership No.: 097685

Navneet Mehta
(Finance Officer)

Dr. Sunil Rai
(Vice Chancellor)

Place: New Delhi
Date : 19 OCT 2021

UPES
UNIVERSITY WITH A PURPOSE
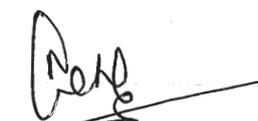
UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Cash Flow statement for the year ended on 31st March 2021

	Particulars	Year ended 31st March 2021	Year ended 31st March 2020
A.	**Cash flow from operating activities**		
	Net Surplus/(Deficit)	(42,36,16,211)	30,33,03,703
	Adjustment for:		
	Depreciation and amortisation expense	20,70,22,570	22,62,72,081
	Finance cost	31,89,509	18,51,585
	Appropriations to Endowment & Development Fund	2,07,564	1,84,397
	Interest income	(22,35,55,460)	(38,25,82,399)
	(Profit)/loss on sale of fixed assets	11,34,891	(2,37,006)
	Lease equalisation reserve	(27,45,335)	10,92,81,934
	Advance & receivable written off	13,95,482	1,00,190
	Liability written back	(45,00,798)	(14,38,086)
	Unrealized foreign exchange (gain)/loss	(12,73,300)	(3,61,682)
	Operating Surplus/(Deficit) before working capital changes	**(44,27,41,088)**	**25,63,74,717**
	Adjustments for changes in working capital :		
	Students and other receivables	(24,23,26,046)	12,72,435
	Trade payables / Current liabilities	(48,12,83,983)	3,54,48,673
	Security Deposits from Students	65,11,232	(99,14,843)
	Loans and Advances	(52,52,63,920)	(5,57,68,769)
	Net cash from operating activities (A)	**(1,68,51,03,805)**	**22,74,12,213**
B.	**Cash flow from investing activities**		
	Purchase of fixed assets	(6,64,34,923)	(16,70,20,861)
	Addition to CWIP & Capital advances	(1,94,40,828)	(3,41,43,835)
	Proceeds from sale of fixed assets	14,196	11,36,259
	Investment	–	(51,000)
	Net cash (used) in Investing activities (B)	**(8,58,61,555)**	**(20,00,79,437)**
C.	**Cash flow from financing activities**		
	Finance cost	(31,89,509)	(18,51,584)
	Interest Incomes	22,35,55,460	38,25,82,399
	Net cash from financing activities-('C)	**22,03,65,950**	**38,07,30,815**
	Net increase / decrease in cash and cash equivalents (D=A+B+C)	**(1,55,05,99,410)**	**40,80,63,592**
	Cash and cash equivalents at the beginning of the year (E)	5,03,01,69,311	4,62,21,05,719
	Cash and cash equivalents at the end of the year [D+E]	**3,47,95,69,901**	**5,03,01,69,311**
	Cash and cash equivalent comprises of:		
	Cash in hand	8,28,795	8,95,076
	Balance with banks:		
	'(i) In saving and current accounts/ overdrafts	1,28,79,27,658	1,21,59,94,255
	'(ii) In fixed deposits	2,19,08,13,448	3,81,32,79,980

Raghu Nath Rai & Co.
New Delhi
Chartered Accountants

Notes:

The above Cash Flow Statement has been prepared under the indirect method set out in Accounting Standard -
1 3 on "Cash Flow Statement".
2 Figures in brackets indicate cash outflow.
3 The accompanying notes are an integral part of these financial statements.

As per our report of even date
For Raghu Nath Rai & Co.
Chartered Accountants
FRN:- 000451N
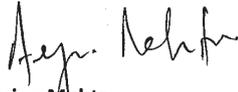
University of Petroleum & Energy Studies

Arjun Mehta
(Partner)
Membership No.: 097685

Navneet Mehta
(Finance Officer)

Dr. Sunil Rai
(Vice Chancellor)

Place: New Delhi
Date : 1 9 OCT 2021

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Notes of Financial Statements for the period ended 31st March 2021

Capital Funds

(Amount in Rs.)

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
A. PERMANENT ENDOWMENT FUND		
Opening Balance	1,46,63,548	1,46,17,449
Transfer from Income & Expenditure Account	51,891	46,099
Closing Balance	**1,47,15,439**	**1,46,63,548**
B. DEVELOPMENT FUND		
Opening Balance	1,39,62,767	1,38,24,469
Transfer from Income & Expenditure Account	1,55,673	1,38,298
Closing Balance	**1,41,18,440**	**1,39,62,767**
C. GENERAL FUND		
Opening Balance	3,99,37,48,040	3,69,04,44,340
Transfer from Income & Expenditure Account	(42,36,16,211)	30,33,03,700
Closing Balance	**3,57,01,31,829**	**3,99,37,48,040**
TOTAL FUNDS (A+B+C)	**3,59,89,65,708**	**4,02,23,74,355**

Non-Current Liabilities
Long Term Provisions

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Provision for Gratuity	45,25,06,682	51,61,41,428
Provision for Leave Encashment	24,37,86,552	32,01,14,168
Total	**69,62,93,234**	**83,62,55,596**

Other Long Term Liabilities

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Security deposits from students(refundable)	20,71,49,862	20,64,58,630
Security deposit from others(refundable)	26,64,722	56,12,929
Non-Current portion of lease equalisation	9,17,77,578	10,42,36,102
Total	**30,15,92,162**	**31,63,07,661**

Current Liabilities
Trade Payables

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Total outstanding dues other than of micro enterprises and small enterprises	13,21,27,903	41,08,22,629
Total	**13,21,27,903**	**41,08,22,629**

Other Current Liabilities

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Deferred revenue	95,89,88,447	86,99,24,216
Advance from students	11,69,58,252	13,76,01,873
Security deposits from students(refundable)	7,00,80,000	6,42,60,000
Security deposits from Others(refundable)	13,55,104	38,31,878
Statutory dues	4,67,11,802	17,17,38,411
Creditor for capital goods	76,23,708	1,36,72,110
Other Payables	11,20,04,098	10,79,88,272
Current portion of lease equalisation	1,47,59,021	50,45,832
Total	**1,32,84,80,432**	**1,37,40,62,592**

; **Short Term Provisions**

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Provisions for gratuity	98,03,677	1,02,65,953
Provisions for leave encashment	82,34,588	1,08,36,449
Total	**1,80,38,265**	**2,11,02,402**

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Year Ended 31st March 2021
PROPERTY, PLANT & EQUIPMENTS
Schedule 7 : Tangible Assets

(Amount in Rs.)

Sl. No.	Particulars	Rate	Gross Block				Depreciation				Impairment			Net Block	
			Opening Balance	Additions during the Year	Assets Sold/Written off during the year	Closing Balance	Opening Balance	for the year	Provision for dep on assets sold/written off during the year	Closing Balance	Opening	for the year	Closing	31st March 2021	31st March 2020
1	Land / Sports Ground	0.00%	9,81,53,702	-	-	9,81,53,702	-	-	-	-	-	-	-	9,81,53,702	9,81,53,702
2	Building	10.00%	1,47,98,33,153	4,72,42,047	-	1,52,70,75,200	72,48,06,568	7,66,93,550	-	80,15,00,118	-	-	-	72,55,75,082	75,50,26,585
3	Classroom Equipments	20.00%	30,98,38,401	55,07,857	-	31,53,46,258	19,96,51,706	2,27,04,148	-	22,23,55,854	45,09,828	-	45,09,828	8,84,80,576	10,56,76,867
4	Computer & Software	40.00%	25,57,36,409	93,47,071	1,61,04,785	24,89,78,695	17,63,25,414	3,36,17,646	1,58,06,544	19,41,36,516	27,37,852	-	27,37,852	5,21,04,327	7,66,73,141
5	Furniture & Fixtures	25.88%	30,28,60,920	92,55,603	-	31,21,16,523	22,53,20,157	2,07,93,074	-	24,61,13,231	19,00,911	-	19,00,911	6,41,02,381	7,56,39,853
6	Office Equipments	13.91%	27,09,15,835	77,45,963	18,01,877	27,68,59,921	13,63,07,521	1,90,23,797	9,51,029	15,43,80,288	19,37,594	-	19,37,594	12,05,42,039	13,26,70,719
7	Vehicles	25.89%	93,65,762	-	-	93,65,762	83,91,344	2,52,277	-	86,43,621	-	-	-	7,22,141	9,74,418
8	Library Books	13.91%	6,78,77,283	11,38,805	-	6,90,16,088	2,59,51,144	69,11,846	-	3,28,62,990	-	-	-	3,61,53,098	4,19,26,138
9	Plant & Machinery	13.91%	2,85,52,789	66,97,677	-	3,52,50,466	1,94,59,172	52,85,207	-	2,47,44,379	-	-	-	1,05,06,087	90,93,617
10	Leasehold Improvement	13.91%	8,96,83,901	5,04,832	-	9,01,88,733	2,80,65,709	1,32,71,173	-	4,13,36,882	-	-	-	4,88,51,851	6,16,18,192
11	Machinery under R&D Projects		28	-	-	28	-	-	-	-	-	-	-	28	28
12	CWIP		2,69,97,281	1,21,85,336	2,48,97,669	1,42,84,948	-	-	-	-	-	-	-	1,42,84,948	2,69,97,281
	Total		2,93,98,15,464	9,96,25,191	4,28,04,330	2,99,66,36,324	1,54,42,78,735	19,85,52,719	1,67,57,573	1,72,60,73,879	1,10,86,185	-	1,10,86,185	1,25,94,76,258	1,38,44,50,541
	Previous Year		2,76,75,07,162	21,90,07,652	4,66,99,350	2,93,98,15,463	1,32,80,70,537	21,78,42,277	16,34,078	1,54,42,78,737	1,10,86,185	-	1,10,86,185	1,38,44,50,541	1,42,83,50,440

For University of Petroleum & Energy Studies

(Navneet Mehta)
Finance Officer

(Dr. Sunil Rai)
Vice Chancellor

Raghu Nath Rai & Co.
New Delhi
Chartered Accountants

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Year Ended 31st March 2021
PROPERTY,PLANT & EQUIPMENTS
Schedule 7A : Intangible Assets

(Amount in Rs.)

Sl. No.	Particulars	Rate	Gross Block				Depreciation				Impairment			Net Block	
			Opening Balance	Additions during the Year	Assets Sold/Written off during the year	Closing Balance	Opening Balance	for the year	Provision for dep on assets sold/ written off during the year	Closing Balance	Opening	for the year	Closing	31st March 2021	31st March 2020
1	Software	40.00%	7,43,13,805	15,07,124	-	7,58,20,929	5,35,72,584	84,05,752	-	6,19,78,336	-	-	-	1,38,42,593	2,07,41,221
2	Library Books	13.91%	96,70,272	23,85,614	-	1,20,55,887	25,62,468	64,099	-	26,26,567	-	-	-	94,29,320	71,07,805
	Total		8,39,84,078	38,92,738	-	8,78,76,816	5,61,35,051	84,69,851	-	6,46,04,902	-	-	-	2,32,71,913	2,78,49,026
	Previous Year		6,61,27,177	1,78,56,900	-	8,39,84,078	4,77,05,248	84,29,804	-	5,61,35,051	-	-	-	2,78,49,026	1,84,21,930

For University of Petroleum & Energy Studies

(Navneet Mehta)
Finance Officer

(Dr.Sunil Rai)
Vice Chancellor

Raghu Nath Rai & Co.
New Delhi
Chartered Accountants

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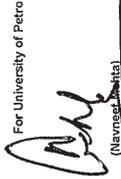
PROPERTY,PLANT & EQUIPMENTS
Schedule 7 : Fixed Assets

(Amount in Rs.)

Sl. No.	Particulars	Rate	Gross Block				Depreciation				Impairment			Net Block	
			Opening Balance	Additions during the Year	Assets Sold/Written off during the year	Closing Balance	Opening Balance	for the year	Provision for dep on assets sold/ written off during the year	Closing Balance	Opening	for the year	Closing	31st March 2021	31st March 2020
1	Land / Sports Ground		9,81,53,702	-	-	9,81,53,702	-	-	-	-	-	-	-	9,81,53,702	9,81,53,702
2	Building	10.00%	1,47,98,33,153	4,72,42,047	-	1,52,70,75,200	72,48,06,568	7,66,93,550	-	80,15,00,118	-	-	-	72,55,75,082	75,50,26,585
3	Laboratory Equipments	20.00%	30,98,38,401	55,07,857	-	31,53,46,258	19,96,51,706	2,27,04,148	-	22,23,55,854	45,09,828	-	45,09,828	8,84,80,575	10,56,76,867
4	Computer & Software	40.00%	33,00,50,214	1,08,54,195	1,61,04,785	32,47,99,624	22,98,97,998	4,20,23,398	1,58,06,544	25,61,14,852	27,37,852	-	27,37,852	6,59,46,920	9,74,14,362
5	Furniture & Fixtures	25.88%	30,28,60,920	92,55,603	-	31,21,16,523	22,53,20,157	2,07,93,074	-	24,61,13,231	19,00,911	-	19,00,911	6,41,02,381	7,56,39,853
6	Office Equipments	13.91%	27,09,15,835	77,45,963	18,01,877	27,68,59,921	13,63,07,521	1,90,23,797	9,51,029	15,43,80,289	19,37,594	-	19,37,594	12,05,42,038	13,26,70,719
7	Vehicles	25.89%	93,65,762	-	-	93,65,762	83,91,344	2,52,277	-	86,43,621	-	-	-	7,22,142	9,74,418
8	Library Books	13.91%	7,75,47,555	35,24,419	-	8,10,71,974	2,85,13,612	69,75,945	-	3,54,89,556	-	-	-	4,55,82,418	4,90,33,943
9	Plant & Machinery	13.91%	2,85,52,789	66,97,677	-	3,52,50,467	1,94,59,172	52,85,207	-	2,47,44,379	-	-	-	1,05,06,088	90,93,617
10	Leasehold Improvement		8,96,83,901	5,04,832	-	9,01,88,733	2,80,65,709	1,32,71,173	-	4,13,36,882	-	-	-	4,88,51,851	6,16,18,192
11	Machinery under R&D Projects		28	-	-	28	-	-	-	-	-	-	-	28	28
12	CWIP		2,69,97,281	1,21,85,336	2,48,97,669	1,42,84,948	-	-	-	-	-	-	-	1,42,84,948	2,69,97,281
	Total		3,02,37,99,541	10,35,17,929	4,28,04,330	3,08,45,13,140	1,60,04,13,786	20,70,22,570	1,67,57,573	1,79,06,78,782	1,10,86,185	-	1,10,86,185	1,28,27,48,172	1,41,22,99,567
	Previous Year		2,83,36,34,339	23,68,64,552	4,66,99,350	3,02,37,99,541	1,37,57,75,784	22,62,72,081	16,34,078	1,60,04,13,788	1,10,86,185	-	1,10,86,185	1,41,22,99,567	1,44,67,72,369

For University of Petroleum & Energy Studies
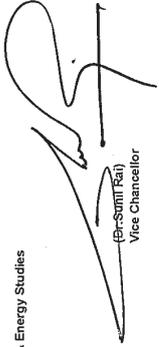
(Navneet Mehra)
Finance Officer
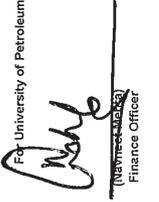
(Dr. Sunil Rai)
Vice Chancellor

Investments

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
UPES Council for Innovation and Entrepreneurship 5,100 Shares @ Rs.10/- each (previous year 5100 shares)	51,000	51,000
Total	**51,000**	**51,000**

Long Term Loans & Advances

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Prepaid expenses	39,61,16,247	24,63,337
Capital Advances	72,55,492	84,66,163
Security deposit - Considered good	16,24,22,523	16,40,33,836
Total	**56,57,94,262**	**17,49,63,336**

Current Assets

Trade Receivables

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
(Unsecured, considered good unless otherwise stated)		
Outstanding for more than six months		
- Receivable from students	35,40,744	17,55,704
- Other receivables	14,29,934	14,59,972
Other Outstanding		
- Receivable from students	24,26,04,778	39,57,604
- Other receivables	1,21,84,803	1,02,60,932
Total	**25,97,60,259**	**1,74,34,212**

Cash & Bank Balances

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
A. Cash & Cash Equivalents		
Cash in hand	8,28,795	8,95,076
Balance with Banks	1,28,79,27,658	1,21,59,94,255
	1,28,87,56,453	1,21,68,89,331
B. Other Bank Balances		
Fixed Deposit Receipts	2,19,08,13,448	3,81,32,79,980
Total	**3,47,95,69,901**	**5,03,01,69,311**

Note: Cash & Bank Balances includes a fixed deposit of Rs.. 1.95 Crores made against permanent endowment fund of the university as per requirement of clause (1) & (2) of section 41 of the UPES Act. Also Fixed deposits of Rs. 3.21 Cr (previous year Rs. 2.90 Cr) pledged with banks.

12   Short Term Loans & Advances

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
(Unsecured, considered good unless otherwise stated)		
Balance with government authorities	5,79,76,351	5,95,68,794
Staff loans	39,54,551	15,08,263
Advance recoverable in cash or in kind - Considered good	10,50,63,658	3,16,05,315
Prepaid expenses	26,42,43,661	7,19,64,109
Security deposit - Considered good	40,68,913	30,00,000
Total	**43,53,07,134**	**16,76,46,481**

13   Other Current Assets

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Interest accrued but not due	5,22,66,977	17,83,61,327
Total	**5,22,66,977**	**17,83,61,327**

14 **Income From Academics**

(Amount in Rs.)

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Gross Course Fees	3,79,78,82,664	3,94,84,41,849
Less: Scholarship Expenses	24,32,44,965	10,45,14,666
Less: Finance Subsidy to students	6,72,99,909	-
Net Course Fees	3,48,73,37,790	3,84,39,27,183
Tuition Fees from Distance Students (CCE)	10,89,87,953	11,37,88,156
Other Fees	16,07,35,080	49,59,35,398
Enrolment Fees	3,68,18,153	4,60,12,679
Consultancy Income	1,44,79,040	61,82,496
Corporate Training Income	21,34,184	1,73,51,209
Miscellaneous Receipts	2,22,25,026	1,48,38,691
Total	**3,83,27,17,226**	**4,53,80,35,812**

15 **Interest Income**

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Interest on Fixed Deposit Receipts	17,47,83,443	26,66,98,971
Interest on Saving Bank Accounts	4,87,72,017	11,58,83,428
Total	**22,35,55,460**	**38,25,82,399**

16 **Human Resource & Related Costs**

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Staff, Faculty & Related Costs	1,79,49,01,547	1,67,40,75,384
Academic Professional Charges	2,14,65,275	3,03,90,566
Total	**1,81,63,66,822**	**1,70,44,65,950**

17 **Education Expenses & Student Activities**

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Student Welfare/Training Expenses	77,89,38,702	74,82,66,678
Examination Expenses	1,24,00,684	1,25,81,906
Laboratory Expenses	39,77,292	43,67,131
Library Journals & E-Journals	1,38,53,598	1,32,93,191
Other Library Expenses	3,97,43,624	2,85,67,212
Industrial Tour Expenses	13,20,280	2,85,51,108
Royalty & License Fees	4,52,12,918	8,10,65,429
Academic Partner's Expenses	7,30,37,196	9,16,13,472
Hostel Lodging & Boarding Expenses	86,21,918	9,25,72,897
Students Promotion Activities Expenses	38,03,34,684	30,66,93,367
Admission related Expenses	33,02,71,396	29,99,22,566
Total	**1,68,77,12,292**	**1,70,74,94,957**

18 **Research & Innovation Expenses**

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Research & Development Expenses	1,98,28,851	1,64,97,490
Seed Money Expenses	20,81,902	15,59,412
Incubation Expenses	26,08,754	21,28,452
Faculty Development Expenses	1,02,33,586	1,00,91,316
Total	3,47,53,093	3,02,76,670

19 **Administrative Expenses**

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
IT Hardware & Software Expenses	6,62,49,909	4,55,82,448
Electricity, Generator & Water Expenses	80,62,532	2,97,71,546
Festivals & Functions	39,99,457	49,71,901
Statutory Auditor's Fees	5,60,500	5,60,500
Legal Expenses	1,34,81,407	58,50,722
Professional and Consultancy Charges	6,02,24,240	3,73,56,077
Communication Expenses	54,21,015	64,26,227
Insurance Expenses	2,86,54,204	2,45,82,700
Printing & Stationary	35,67,171	62,49,904
Repair & Maintenance- Physical Facilities	1,40,22,680	3,35,14,819
Repair & Maintenance- Academic Support Facilities	44,46,822	79,22,953
Green Initiative Expenditure	2,58,21,883	2,56,78,896
Advertising, Publicity & Placement Expenses	9,62,90,683	13,50,42,037
Travelling ,Transportation & Hotel Expenses	39,66,169	8,75,93,911
Housekeeping/Security Expenses	3,57,18,789	5,98,67,899
Other Administrative Expenses	2,35,52,415	2,86,90,054
Total	39,40,39,876	53,96,62,594

20 **Finance Cost**

Particulars	Year ended 31st March 2021	Year ended 31st March 2020
Interest on Overdraft account	22,89,285	-
Bank Charges	9,00,224	18,51,585
Total	31,89,509	18,51,585

As per our report of even date
For Raghu Nath Rai & Co.
Chartered Accountants
FRN:- 000451N

Arjun Mehta
(Partner)
Membership No.: 097685

Place: New Delhi
19 OCT 2021

For University of Petroleum & Energy Studies

Navneet Mehta
(Finance Officer)

Dr. Sunil Rai
(Vice Chancellor)

(All amounts in INR, unless otherwise stated)

University of Petroleum & Energy Studies
Significant Accounting Policies and Notes to the financial statements

A General information:

University of Petroleum & Energy Studies is a Statutory University established through an Act namely University of Petroleum & Energy Studies Act, 2003 (Act No. 15 of 2003) [hereinafter referred to as UPES Act] passed by the Uttaranchal Legislative Assembly and assented to by the Governor on July 08, 2003. The University is governed by the UPES Act and Statutes and Rules passed as per Chapter V of the UPES Act.

B Summary of significant accounting policies:

i) Basis of preparation

These financial statements have been prepared in accordance with the generally accepted accounting principles in India under the historical cost convention on accrual basis. These financial statements have been prepared to comply in all material aspects with the accounting standards issued by the Institute of Chartered Accountants of India.

All assets and liabilities have been classified as current or non-current as per the University's operating cycle. Based on the nature and the time between incurrence of expenditure relating to the delivery of Society's services and their realization in cash and cash equivalents, the University has ascertained its operating cycle as 12 months for the purpose of current – non current classification of assets and liabilities.

ii) Transfers:

(a) Transfer from Income & Expenditure Account:

25% of the total interest accrued up to 31st March 2021 from bank in respect of fixed deposit of Rs. 1.95 crores has been transferred to Permanent Endowment Fund as per requirement of clause (4) of section 41 of the UPES Act.

Balance Interest accrued up to 31st March 2021 from Bank in respect of fixed deposit has been transferred to Development Fund as per requirement of clause (4) of Section 41 and sub-clause (e) of clause (1) of section 43 of the UPES Act.

(b) Transfer from Development Fund:

That portion of the Development Fund which has been utilized for the acquisition, construction or major repair of the asset is transferred to General Fund. So long as the asset is not fully acquired or constructed or the activity is completed the proportionate fund is kept in Development Fund.

iii) Tangible assets

Tangible assets are stated at acquisition cost, net of accumulated depreciation and accumulated impairment losses, if any. Cost comprises of the purchase price including import duties and non-refundable taxes and directly attributable expenses incurred to bring the asset to the location and condition necessary for it to be capable of being operated in the manner intended by management. Subsequent costs related to an item of Property, Plant & Equipment are recognized in the carrying amount of the item if the recognition criteria are met.

Items of fixed assets that have been retired from active use and are held for disposal are stated at the lower of their net book value and net realisable value and are shown separately in the financial statements under the head "Other current assets". Any expected loss is recognised immediately in the Statement of Income and Expenditure.

Losses arising from the retirement of, and gains or losses arising from disposal of fixed assets which are carried at cost are recognised in the Statement of Income and Expenditure.

Leasehold improvements are amortized over the term of the lease or useful life which ever is lower.

Depreciation is provided on written down value basis, as per the depreciation rates prescribed in Schedule XIV of the Companies Act, 1956/2013. The depreciation charge for each period is recognised in the Statement of Income and Expenditure. The residual value and the depreciation method are reviewed atleast at each financial year end. If the expectations differ from previous estimates, the changes are accounted for prospectively as a change in accounting estimate.

Land	0.00%
Building	10.00%
Classroom Equipment's	20.00%
Computers	40.00%
Furniture & fixture	25.88%
Office Equipment's	13.91%
Vehicles	25.89%
Library Books	13.91%
Plant & machinery	13.91%

iv) Intangible assets

Intangible assets are stated at acquisition cost, net of accumulated amortization and accumulated impairment losses, if any. Intangible assets are amortised on a written down value basis. The amortisation period and the amortisation method are reviewed at least at each financial year end. If the expected useful life of the asset is significantly different from previous estimates, the amortisation period is changed accordingly.

Gains or losses arising from the retirement or disposal of an intangible asset are determined as the difference between the net disposal proceeds and the carrying amount of the asset and recognised as income or expense in the Statement of Income and Expenditure.

Assets	Rate of depreciation
Softwares & online courseware	40.00%
Online Library Books	13.91%

v) Capital work in progress

Capital work in progress represents costs incurred to date on a fixed asset which is still under construction at the balance sheet. The cost being incurred on such assets is capitalized when the work is completed and the asset is ready to use.

vi) Revenue recognition

Revenue from the tuition fees, hostel fees, transport fee, computing fees etc or other services is recognised for financial year on proportionate basis when no significant uncertainty exists regarding the amount of consideration that will be derived from rendering of the services and are recognised net of scholarship.
Late Fine is recognized at the time of receipt of money.

Interest Income is recognised on a time proportion basis taking into account the amount outstanding and the rate applicable.

vii) Foreign currency transactions

Initial recognition

On initial recognition, all foreign currency transactions are recorded by applying to the foreign currency amount the exchange rate between the reporting currency and the foreign currency at the date of the transaction.

Subsequent recognition

As at the reporting date, non-monetary items which are carried in terms of historical cost denominated in a foreign currency are reported using the exchange rate at the date of the transaction. All non-monetary items which are carried at fair value or other similar valuation denominated in a foreign currency are reported using the exchange rates that existed when the values were determined.

Exchange differences on restatement of all other monetary items are recognised in the Statement of Income & Expenditure.

viii) Employee benefits

Provident fund: Contribution towards provident fund for certain employees is made to the regulatory authorities, where the University has no further obligations. Such benefits are classified as Defined Contribution Schemes as the University does not carry any further obligations, apart from the contributions made on a monthly basis.

Gratuity: The University provides for gratuity, a defined benefit plan (the "Gratuity Plan") covering eligible employees in accordance with the Payment of Gratuity Act, 1972. The Gratuity Plan provides a lump sum payment to vested employees at retirement, death, incapacitation or termination of employment, of an amount based on the respective employee's salary and the tenure of employment. The University's liability is actuarially determined (using the Projected Unit Credit method) at the end of each year. Actuarial losses/ gains are recognised in the Statement of Income and Expenditure in the year in which they arise.

Compensated absences: Accumulated compensated absences, which are expected to be availed or encashed within 12 months from the end of the year end are treated as short term employee benefits. The obligation towards the same is measured at the expected cost of accumulating compensated absences as the additional amount expected to be paid as a result of the unused entitlement as at the year end.

Accumulated compensated absences, which are expected to be availed or encashed beyond 12 months from the end of the year are treated as other long term employee benefits. The University's liability is actuarially determined (using the Projected Unit Credit method) at the end of each year. Actuarial losses/ gains are recognised in the Statement of Income and Expenditure Loss in the year in which they arise.

Termination Benefits: Termination benefits are recognised in the Statement of Income and expenditure as and when incurred.

ix) Leases

As a lessee: Leases in which a significant portion of the risk and rewards of ownership are retained by the lessor are classified as operating lease. Payments made under operating lease are charged to the statement of Income and Expenditure on a straight line basis over the period of the lease.

x) Taxation

The university has obtained exemption from Income Tax u/s 12A vide order dated 12th October, 2004. It will be in force til it is withdrawn by competent authority. No provision for income tax is therefore made in the accounts.

xi) Impairment of assets

The University assesses at each balance sheet date whether there is any indication that an asset may be impaired. If any such indication exists, the University estimates the recoverable amount of the asset. If such recoverable amount of the asset or the recoverable amount of the cash generating unit to which the asset belongs is less than its carrying amount, the carrying amount is reduced to its recoverable amount and the reduction is treated as an impairment loss and is recognized in the Statement of Income & Expenditure. If at the balance sheet date there is an indication that a previously assessed impairment loss no longer exists, the recoverable amount is reassessed and the asset is reflected at the recoverable amount subject to the maximum of depreciated historical cost and is accordingly reversed in the Statement of Income & Expenditure.

xii) Provision, contingent liabilities and contingent assets

Provisions: Provisions are recognised when there is a present obligation as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and there is a reliable estimate of the amount of the obligation. Provisions are measured at the best estimate of the expenditure required to settle the present obligation at the Balance sheet date and are not discounted to its present value.

xiii) Contingent liabilities: Contingent liabilities are disclosed when there is a possible obligation arising from past events, the existence of which will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the University or a present obligation that arises from past events where it is either not probable that an outflow of resources will be required to settle or a reliable estimate of the amount cannot be made.

Contingent assets: Contingent Assets are neither recognized nor disclosed in the financial statements.

xiv) Cash and cash equivalents

Cash comprises cash on hand and balance with banks. Cash equivalents are short-term highly liquid investments that are readily convertible into known amounts of cash and which are subject to insignificant risk of changes in value.

(All amounts in INR, unless otherwise stated)

University of Petroleum & Energy Studies
Significant Accounting Policies and Notes to the financial statements

C Notes to the Financial Statements:

In view of the volume of University operations, it has been decided to prepare these financial statememts in compliance with Accounting Standards issued by Institute of Chartered Accountants of India which was not considered mandatory in the past as the Univeristy is non profit institution and does not carry any commercial, industrial or business activity. The finacial impact of such compliance and disclosures is given in the respective notes on Foreign Exchange transactions and Lease payments.

1 Cash & Bank Balances:

Cash & Bank Balances include a fixed deposit of Rs.1,95,00,290/- (Rupees One Crore Ninety Five Lacs Two Hundred and Ninety only) made against permanent endowment fund of the university as per requirement of clause (1) and (2) of Section 41 of the UPES Act.

2 Employee benefits

Defined contribution plan

The University has recognized Rs. 6,92,04,450 (March 31, 2020 Rs. 7,36,41,802) for provident fund contributions and Rs. 1,81,930 (March 31, 2020 Rs. 73,347) for ESI contributions in the statement of income & expenditure account. The contribution payable to these plans by The University are at rates specified in the rules of the schemes.

Defined benefit plan

Defined benefit plan of The University is unfunded. The present value of obligation is determined based on actuarial valuation using the Projected Unit Credit Method, which recognizes each period of service as giving rise to additional unit of employee benefit entitlement and measures each unit separately to build up the final obligation. The obligation for leave encashment is recognized in the same manner as gratuity.

I. Changes in present value of defined benefit obligations:

Particulars	Gratuity	Gratuity
	March 31, 2021	March 31, 2020
Present value of obligation as at the beginning of the year	52,64,07,381	52,75,53,137
Acquisition adjustment	-	-
Current service cost	8,76,64,472	10,64,88,089
Interest cost	3,64,27,391	4,03,57,815
Past service cost		
Actuarial (gain) / loss on obligations	(16,16,96,410)	(8,75,58,968)
Benefits paid	(2,64,92,475)	(6,04,32,692)
Present value of obligations at the year end	46,23,10,359	52,64,07,381

II. Amount to be recognized in Balance Sheet

Particulars	Gratuity	Gratuity
	March 31, 2021	March 31, 2020
Present value of obligation as at the end of the period	46,23,10,359	52,64,07,381
Fair value of plan asset as at the end of the period	-	-
Funded status/ difference	(46,23,10,359)	(52,64,07,381)
Net asset/(liability) recognised in balance sheet	(46,23,10,359)	(52,64,07,381)
Recognized as under:		
Long term provisions	45,25,06,682	51,61,41,428
Short term provisions	98,03,677	1,02,65,953

III. Expenses/ (Income) recognized in the statement of income & expenditure account

Particulars	Gratuity	Gratuity
	March 31, 2021	March 31, 2020
Current service cost	8,76,64,472	10,64,88,089
Past service cost	-	-
Interest cost	3,64,27,391	4,03,57,815
Net actuarial (gain)/ loss recognised in the period	(16,16,96,410)	(8,75,58,968)
Expenses recognised in the income & expenditure account	(3,76,04,547)	5,92,86,936

IV. Actuarial assumptions

Particulars	Gratuity	Gratuity
	March 31, 2021	March 31, 2020
Mortality table (LIC)	IALM (2012-14)	IALM (2012-14)
Discount rate (per annum)	6.76%	6.92%
Rate of escalation in salary (per annum)	15.00%	15.00%
Retirement age	60/65 years	60/65 years

V. Amounts recognised in current year and previous four years

Particulars	Gratuity March 31, 2021	Gratuity March 31, 2020	Gratuity March 31, 2019	Gratuity March 31, 2018
Defined benefit obligation	(46,23,10,359)	(52,64,07,381)	(52,75,53,137)	(46,01,26,945)
Surplus / Deficit	17,14,34,475	6,11,31,821	5,58,40,807	(3,99,55,858)

3   Leases

Operating leases:

The University has taken premises on operating lease from various parties, lease payments amounting to Rs. 33,65,97,171 (March 31, 2020 Rs. 40,71,06,274) out of which Rs. 28,35,42,358 pertains to non-cancellable operating lease from various parties (March 31, 2020 Rs. 25,58,88,264) has been recognised in the statement of income & expenditure account. With respect to non-cancellable operating lease the future minimum lease rentals are as follows:

Particulars	For the year ended March 31,2021	For the year ended March 31,2020
Not later than one year	25,38,59,666	24,17,71,111
Later than one year and not later than five years	63,07,98,089	84,66,32,341
More than five years	8,60,14,970	12,40,40,385
Total	97,06,72,726	1,21,24,43,837

4   Related party disclosure

Nature of relationship	Name of related party
Sponsoring Society	Hydrocarbons Education & Research Society
Controlled Enterprise	UPES Council For Innovation and Entrepreneurship
Office Bearers	Dr. S.J. Chopra (Chancellor of The University)
	Dr. Sunil Rai (Vice - Chancellor of The University)
	Dr. Veena Dutta (Registrar of The University)
	Mr. Navneet Mehta (Finance Officer of The University)

Particulars	Sponsoring Society	Office Bearers	Total
Courseware and industry service fees paid	-	-	-
	(3,56,02,657)	-	(3,56,02,657)
Salary & related payouts	-	2,29,48,979	2,29,48,979
	-	(2,89,85,912)	(2,89,85,912)
Amount outstanding as at March 31, 2021			
Trade payable			
Hydrocarbons Education & Research Society	3,05,08,238	-	3,05,08,238
	(3,05,08,238)	-	(3,05,08,238)
Investment			
UPES Council For Innovation and Entrepreneurship	51,000	-	51,000
	(51,000)	-	(51,000)

Note 1 : Previous year's figures are given in brackets.
Note 2 : Related parties considered as per the provisions of Income Tax Act.

5   Capital commitments

Particulars	As At March 31, 2021	As At March 31, 2020
Estimated value of contracts in capital account remaining to be executed (Net of capital advances)	4,47,34,482	5,82,24,697

6   Contingent liabilities

Particulars	As At March 31, 2021	As At March 31, 2021
Claims against The University not acknowledged as debts	22,57,560	1,75,15,710
Income tax matters***	18,63,00,000	18,63,00,000
Total	**18,85,57,560**	**20,38,15,710**

***Income Tax Demand of Assessment year 2015-16 amounting to Rs.18.63 Cr (Previous year Rs.18.63 Cr) plus interest thereon has not been provided for based on expert advice. Against the above an amount of Rs 3.75 Cr has been deposited under protest and shown under Loans and Advances.

Note: During the current year, a survey was conducted at the premises of the UPES by the Income Tax Authorities under section 133A of the Income Tax Act, 1961 and subsequently notices for reopening of assessment under section 148 have been received for AY 2013-14 to 2017-18 and 2019-20. Since the proceedings are in preliminary stage, the liabilities, if any, in this respect can not be ascertained. However, UPES does not perceive any adverse implication against the said notices.

7 Previous year figures have been regrouped and recasted wherever necessary to conform to the current year's classification.

In terms of an report of even date
For Raghu Nath Rai & Co.
Chartered Accountants
FRN: 000451N

For University of Petroleum & Energy Studies

Arjun Mehta
(Partner)
Membership Number: 097685

Navneet Mehta
(Finance Officer)

Dr. Sunil Rai
(Vice Chancellor)

Place : New Delhi
Date: 1 9 OCT 2021

UPES

UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

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