

PRATIBIMBH

REFLECTION OF LIFE

2021



KULGEET

हिम शिखरों के मध्य बसा छोटा सा कुल है अपना
प्रकृति के पावन आँचल में अंगड़ाई लेता इक सपना
जहाँ ज्ञान वृक्ष की छाया में होता अंतर्ज्ञान है
उस पुण्यभूमि का नाम डी आई टी संस्थान है

सरस्वती माँ का वंदन जहाँ नित होता आया है
जिसके छात्रों ने समाजहित हेतु संकल्प उठाया है
देश हित कुछ करने का सपना भरता जहाँ उड़ान है
उस कर्मभूमि का नाम डी आई टी संस्थान है

गुरु शिष्य की परम्परा को जहाँ निभाया जाता है
हर जातिधर्म के भेदभाव को जहाँ भुलाया जाता है
जिस कुल के प्रत्येक निवासी को मिलता उचित सम्मान है
उस धर्मभूमि का नाम डी आई टी संस्थान है

वसुधैव कुटुंबकम का मूल मंत्र जहाँ सिखाया जाता है
कर्तव्यों और मानव मूल्यों का पाठ पढ़ाया जाता है
सर्वे भवन्तु सुखिनः जहाँ होता गुंजायमान है
उस ज्ञानभूमि का नाम डी आई टी संस्थान है

विश्व स्तर पर उच्च शिक्षा का परचम लहराएँगे
अनुसंधानों के बल पर स्वर्णिम भविष्य ले आएँगे
जो वैश्विक स्तर पर श्रेष्ठ गुणवत्ता का देता सदा प्रमाण है
उस अध्ययनभूमि का नाम डी आई टी संस्थान है

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Dr. Sakshi Semwal

Managing editor
Dr. Sachi Negi

Student Editor
Mahak Biswas

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Pratibimb- The Reflection of Life.

"Energy and persistence conquers all things". Benjamin Franklin.

Pratibimb- The Reflection of Life, took enthusiasm, zillion efforts of content writers, editors and designers. So here you have "PRATIBIMB", the long awaited magazine of DIT University.

This magazine is a platform that exhibits the literary skills and innovative ideas of teachers and students. "PRATIBIMB" presents months of the hard work and dedication.

It is the willingness to share knowledge concerns and special insights with fellow beings that has made the magazine possible.

We hope you enjoy browsing through this 2021 issue of Pratibimb.

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From the Desk



"Good health is prerequisite to human productivity and development process. A healthy community is the infrastructure upon which an economical variable society can be built." During the challenging situation of Covid-19 pandemic, DIT University not only taken care of the health of the faculty, staff and students by organizing free vaccination drives but also continuously strive to achieve its aim to Imagine, Inspire and Achieve through online education. The vision to provide quality education and development of students is chief aim of the DIT Family. **Pratibimb** – The Reflection of light, DIT University Magazine is an attempt to depicts boundless enthusiasm, Emotions, and talents of young mind.

It's been great delight to share release the latest issue of **Pratibimb** 2021 this year.

My heartiest Congratulations to faculties and students for their devotion and contribution for editing and designing the magazine. I appreciate this creative and enthusiastic endeavour and also wishing you luck for your future venture.

Best Wishes!
Anuj Aggarwal

FROM THE DESK OF **CHANCELLOR**



DIT University's Editorial Board **Pratibimb** - *The Reflection of light* is playing a major role in shaping the development of education through vision, enthusiasm and talent of young minds. DIT University is continually working and contributing towards the growth of student fraternity. DIT University maintained smooth pace of education and other activities even during the pandemic through online events.

One such attempt is collective efforts of the students of editorial board of **Pratibimb** - the annual magazine of the University. **Pratibimb** in a true sense is a constant endeavour to promote Intellectual curiosity. I congratulate the entire team of **Pratibimb** for their tremendous efforts and putting their best efforts to publish the news and achievements of the year 2021. Wishing all the best to the team.

N. Ravi Shankar
Chancellor
DIT University, Dehradun.

FROM THE DESK OF **PRO VICE CHANCELLOR**



With a sense of joy and satisfaction, I would like to bring to your attention yet another edition of our annual magazine '**Pratibimb**', *the reflection of life* at our university. It will provide our students, faculty, and staff a creative, desirable means to reconnect, share, and rejoice as you thumb through the pages filled with the stories of our alumni and colleagues, the current proceedings, the recent achievements, the glorious past, the self-reflections, the imagery, and the angst and aspirations of our campus community.

I appreciate and extend my warm wishes to the dedicated faculty members and staff of DIT University for steering and enabling the students towards achieving their human potential, aspirations, and career objectives. I thank the editorial team for their initiative and persistence in reshaping and reinventing this magazine as we, undaunted, attempt to exit the long, dreary months of Covid-19.

Self-reflection is the best form of reflection (आत्मचिन्तन ही प्रतबिम्ब का सर्वोत्तम रूप है). I look forward to the entire campus community actively contributing to the future editions of the university's magazine for years to come.

Jai Hind!

Dr. Priyadarsan Patra
Distinguished Professor
DIT University, Dehradun.

FROM THE DESK OF DIRECTOR **STEAM AND QUALITY**



Message for *Pratibimb*

DIT University is continually serving and contributing towards the growth of its students, by providing enabling environment and multiple platforms to showcase their talent. The year gone by has been a tough one for all of us, considering the way campuses across the World had to shut down, owing to the outbreak of Covid-19, and DITU was no exception.

Despite the grim state of affairs, the faculty and students stood up to the situation and ensured that the teaching-learning process didn't stop. The club activities also shifted to the online mode, with organization of some mind-bending webinars, discussions, and other curricular and extra-curricular activities. I would like to compliment the students as well as my faculty colleagues who made this possible even during these adverse times.

The annual magazine *Pratibimb - The Reflection of Light* of DIT University, in a true sense is a constant endeavor to promote intellectual curiosity of our students and faculty alike. Although, it is a compendium of the events organized during the year and a showcase of the achievements of the DITians, it also provides a platform to the youthful minds to share their creative experiences in the form of articles, poems etc.

I congratulate the entire team of *Pratibimb* for putting in their best efforts in compiling and publishing the news and achievements for the year 2021.

Wishing you all the very best and let this 'Light' always be with you!

Prof. Maneek Kumar

Director - STEAM and Quality

Aspirants

Aspirants



A big thank you to this institution who has just not given me a world of knowledge but also has given me the basic need for my carrier. This Institute is not just best in it's study but also best in providing the best management and an environment which a student desires for!

DIT is just not a name but within it stands a strong meaning!

Applauds to the management system, the authorities , the professors who always put on the their soul n sweat while teaching us! Thank you to one of the best institution of INDIA!

DIT is just not a college for me but a second home for me, a home which would rather see me in the INDIAN ARMY UNIFORM.

MY DREAM HAS STARTED FROM THIS INSTITUTE AND WOULD RATHER END HERE WHEN I WOULD BE A PART OF INDIAN ARMY ALL FROM DEHRADUN INSTITUTE OF TECHNOLOGY

Thank you DIT.

Bhavya Puri

1st Year

Mechanical Engineering

Aspirants



DIT is a home away from home - a quote often heard around. A quote I believe is true. As someone very attached to their hometown, I was riddled with anxiety when I left for DIT. There was the excitement of starting a new phase of

my life too but the question about fitting in always lingered.

DIT welcomed me and my broken Hindi with open arms. The patience with which I was received is something I will always be thankful for. The staff, faculty, students, everyone is accommodating and maintains a lovely atmosphere in the university grounds. There's the needed rush as well as comfort, a solution to all your problems, and warmth in every corner that has so far made my experience in the university fun and amazing.

Samika Sharma

1st Year

B.A Psychology (Hons)

Aspirants



On the first day as I stepped into the university after the stressful years of the high school full of board examination stress as well as pandemic situation, I felt instantly relaxed. It was due to the location, environment, and infrastructure, which was very soothing and calming. The overall atmosphere is very nurturing.

I was a very shy person but after my induction programme, I managed to overcome my nervousness and be more interactive. I find the community of DIT encouraging. The staff, faculty, and seniors are thoughtful and nice. The facilities brought me here but the people make me stay and grow.

In today's era where everyone wants to be a part of a reputed college, I'm glad to be a part of DIT university as it is not only a good institution but also one pushing me to be the best version of myself.

Harshita Pandey

1st Year

B.Tech (ECE)

Aspirants



Going to college made me carry various responsibilities towards my education, health and growth etc. for which I was concerned about but making my way to DIT university proved to be my right decision. We all desire mental growth for which, here, I got the opportunity

to join educational clubs and events and develop my skills. Performing in the events made me more confident and being in a peaceful surrounding gave me more to think and process my thoughts.

Inside the college campus, we are away from the hustle- bustle of the city which makes it even more peaceful. Socializing and interacting with different people also proved fruitful. The faculty as well as the seniors are very supportive.

Thank you

Khushi Bhatia

1st Year

Aspirants



While entering any university, students carry their hopes and dreams for a bright future with them. I also entered DIT university with the same aspirations and so far I have found the place to be very nurturing, especially the faculty. I feel motivated to develop every aspect of my being,

try harder to ensure that I not only do well in my career but also leave my mark everywhere, go beyond the mundane work-life. It is an experience way beyond my expectations as a student freshly graduated from high school where fun was restricted and not believed to be a part of professional life. Here I learn to balance everything and march towards success with happiness.

Aarya

1st Year

B.Tech (Civil Engineering)

Aspirants



Always a big deal for all of us to go through a change whether physically, mentally, or emotionally. For me it was the city, and it involved all of them. To be honest, it was an institution for me to change as I were to

live in the university's hostel. There was a sense of fear, dilemma, and enthusiasm in my mind before I started my journey. How would I adopt to the major change?

With a set of this many questions orbiting my head this university stood by all the questions as it answered all of them in style. It treated me in such a cordial manner that quagmire was the last thing on would think about. Having a chinwag with the management settled down all of my doubts. Hostel mates' all from different stated breathing the air of DIT University stood bold as now this university of Dehradun could be referred as to be our university one could easily pick his/her interest if has not already. Teachers teaching us just like a mother would feed his child made it too easy for to adapt. Such has been the journey of mine in DIT University and without my mind being shanghaied. I could easily stamped it as to be a good one.

Vaibhav

1st Year

B.Tech (CSE)

Aspirants



Beginning university is a life-changing experience and one has various expectations out of this experience. I too had similar expectations and I'm grateful to say only some came crashing down. It feels good to say that I wouldn't care for them, because this University's reality has become a living dream for me. It is one

thing to have amazing teachers who not only teach but help you over and over again, but the guidance and efforts of the seniors shook me. The campus, the hostel and the life at DIT is always going to be special and will definitely be one of the best experiences of my life. DIT is indeed what I needed to shape myself into a successful young adult.

Medha

1st Year

Central News

Orientation Day

DIT University organised the 2021 Orientation Programme on 6 January 2021 for the new batch of DITians who have finally joined back the campus after the nation-wide lockdown. Held simultaneously at three different venues in the campus – Vedanta Auditorium, Vishwaswarya Building and Vishwakarma Hall – the day was filled with fun activities designed to bring students out of their shells and learn about life at DIT University.



Youth Festival



Youth are agents of positive change, a power that can guide the country to a brighter future. At DIT University, we believe in empowering youth to aid the nation towards social and economic development.

Dr. Dhan Singh Rawat, Minister Higher Education, Uttarakhand, inaugurated the DIT University's Youth Festival 2021 on the 12th of January 2021. The inaugural ceremony was followed by a Blood Donation Camp at the Vivekananda Building in the DITU campus.



Implementation of Air Action points in Non-Attainment cities of Uttarakhand



Uttarakhand Pollution Control Board, Dehradun in collaboration with 'Land, Air and Water – Center of Excellence, DIT University held a workshop on 23 January 2021 'Implementation of Air Action Points in Non-Attainment Cities of Uttarakhand'.

72nd Republic Day

DIT University celebrated India's 72nd Republic Day on 26 January, 2021. The event was conducted near Chanakaya Lawn. The Flag was hoisted by our Honourable Pro Vice Chancellor, Brigadier (retired) Dr. M. Srinivasan. As we became the Republic India on this very day, to commemorate this milestone every year on 26 January we celebrate Republic Day.

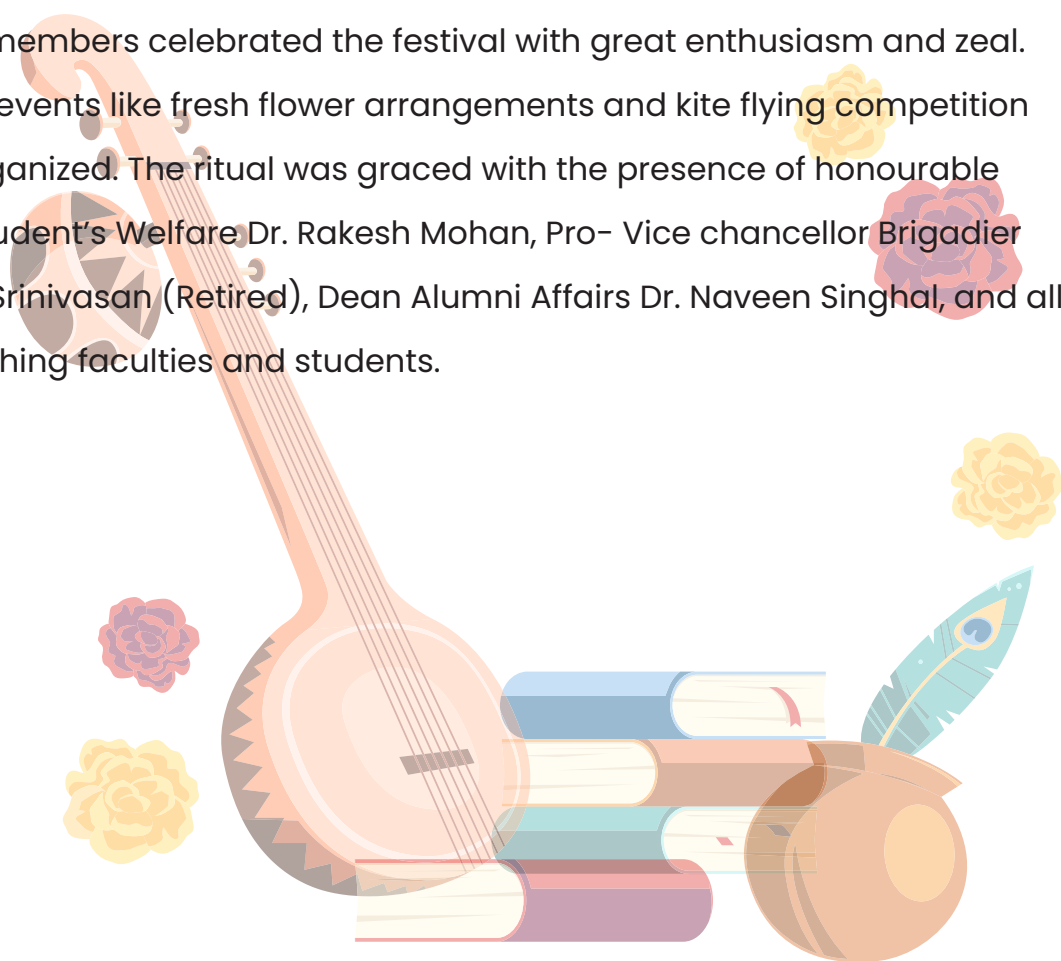


Honourable PVC sir enlightened students about the importance of this prestigious occasion. NCC Cadets of 29UK Girls Battalion marched in perfect rhythm saluting the National Flag with pride and honour Professor Dr. Deepesh Kumar Thakur electrified the environment with his poem “कलम, आज उनकी जय बोल”. The band spread the vibes of respect and love for our martyrs that we all hold within us. There were many performances on patriotic songs and dance by the students of DIT University.



Basant Panchami

DIT University organized Basant Utsav to mark the festival of Basant Panchami in the college premises on February 16, 2021. The students and faculty members celebrated the festival with great enthusiasm and zeal. Various events like fresh flower arrangements and kite flying competition were organized. The ritual was graced with the presence of honourable Dean Student's Welfare Dr. Rakesh Mohan, Pro- Vice chancellor Brigadier (Dr.) M. Srinivasan (Retired), Dean Alumni Affairs Dr. Naveen Singhal, and all the teaching faculties and students.



National Science Day

DIT University organised a webinar on the celebration of national science day, in honour of the discovery of 'Raman Effect' by Indian physicist Sir CV Raman, who was awarded the noble prize in 1930. The event took place on March 1st, 2021 Monday from 10:00 am. The theme for this year was 'Impacts on education, skills and work'. Various activities– quiz, debate, best out of waste, an interaction–session with luminaries and poster presentation competition were conducted to give opportunities to the scientific minded students of the University.



Foundation Day

DIT University established its strong educational foundation on the 12th of March, 2013. In these 8 years, we have been able to achieve so many milestones, both in the academic and the non-academic front. This day was celebrated in the university campus to honour the prestigious legacy of its founders.



Free Van Service

In the time of sufferings during the pandemic season, helping hands were raised by proud alumnus of DIT University. DIT University Alumni Association started a wonderful initiative of a free van service for COVID19 struck people. Our students have helped people from all over Dehradun.



COVID Vaccination Day

DIT University has endeavoured to continuously prioritise the health and safety of all its students, faculty, and staff throughout the COVID-19 pandemic. DIT University successfully conducted a COVID vaccination drive for all its staff and family members on 7th June, 2021, on the campus. Over 400 staff and their family members got the vaccine. Thorough care had been taken in order to maintain social distancing norms and follow COVID-Appropriate-Behaviour.



International Day of Yoga

A week-long program to celebrate International Day of Yoga was being organized by DIT University in association with the University of Petroleum and Energy Studies, Dehradun, National Service Scheme, SRCC, and Uttarakhand Ayurved University, Dehradun. The program consisted of a Virtual Yoga session, aerobics for children, a meditation session, and doctor's advice that happened from June 15 to 21, 2021.



75th Independence Day



DIT University celebrated the 75th Independence Day on August 15th 2021 on the campus. The event was filled with the overwhelming fervour of patriotism, with parades, the unfurled tricolour and so much more.



College Reopening

DIT University reopened on 1st September 2021 abiding all Covid-19 protocols and was excited to have the students back on the campus. Parents, friends and relatives were accompanying students, adding to the festive atmosphere.



Deekshaarambh

DIT University organised the off campus induction and counselling session for the first year students of all the branches. The programme went on for 6 days, introducing the freshers to the university's legacies and accomplishments. By the end of the programme the students were able to get comfortable with the new college environment and learnt multifarious dimensions of it.



Felicitation ceremony

Teachers encourage minds to think, hands to create and hearts to love. DIT University organized a felicitation ceremony for faculty members and other members of the DIT University family.



DIT signs MOU with ElitesportsIndia

At DIT University, we believe sports and fitness is a vital ingredient of student life. An MoU was signed between Elitesportsindia and DIT University on 10th September 2021 for promotion of sports and athletics at DIT University. This MoU will allow us to further expand our recreational sport offerings to students. Present at the signing were Dr. Jabrinder Singh, President, Sports Council, DIT University, Professor Rakesh Mohan, Dean Student Welfare, DIT University, Mr. Mohit Singh Rajawat, Managing Director, ESI SportsIndia Pvt Ltd, Dr. Devadesh Sharma, Registrar, DIT University, Mr. Rajender Singh Chauhan, Sports Officer, DIT University.



Hindi Diwas

DIT University marked the occasion of Hindi Diwas with celebrations on campus. It was a special event that gave us an opportunity to show our respect and pride for this great language, a day that reminds us of our great linguistic and cultural heritage. NSS DITU organized light-hearted and friendly events which are कविसम्मेलन and क्षणिकविचारवचन (extempore).



Founder's Birth Anniversary



DIT University Founder Late Shri Naveen Agarwal's birth anniversary was celebrated on campus on 22 September 2021. Senior DIT University leadership, staff, and faculty members paid their respects to Late Shri Naveen Agarwal on the occasion. The venue of the celebration was the University's Chanakya Reception area.



Dr. Jabrinder received Officer Training Certificate

Lt. (Dr) Jabrinder Singh (Dept. of Chemistry) has undergone 90 days of pre-commission course at Officer Training Academy, Kamptee to become Associate NCC Officer (Rank: Lieutenant).

As an Officer Cadet, he successfully completed all competitions in excellent grade & accorded with merit certificate in flag area briefing. He also performs duties of Camp adjutant, Line area senior, Coy 2IC officer cadet, Weapon training squad commander and Coy Volleyball team captain.

He is commissioned as Lieutenant after Passing out Parade on 23rd October, 2021 at OTA, Kamptee reviewed by Maj. General Alok Beri. It's a step forward to strengthen the DIT University NCC by developing skills of Cadets and Students. We wish the NCC cadets will bring more laurels to DIT University under his supervision.

Annual Debate Competition 2021



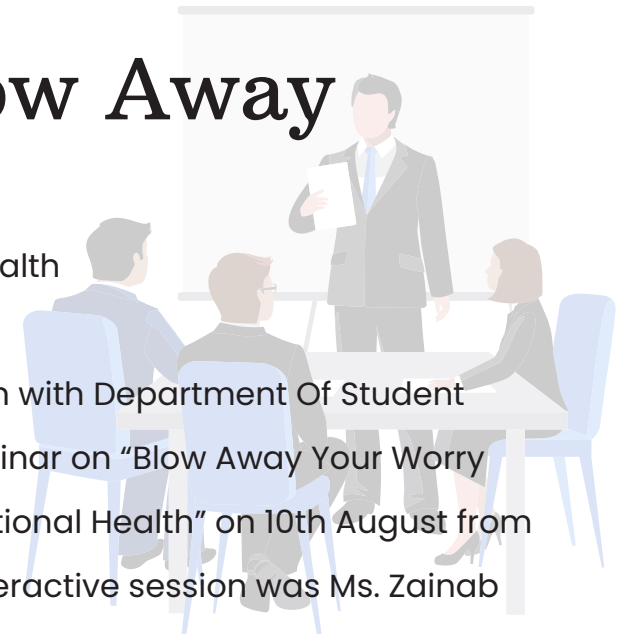
DAV College, Dehradun organized an Annual Debate Competition. Debating society of DIT University participated in the event. The honour of the event was embellished with the respected Principal of DAV College, Dehradun and the Hon'ble DGP Mr. Ashok Kumar. 12 teams competed against each other and 3 Jury members along with 5 Judges were present during the competition. The topic of the debate was-“New education Policy 2020 is a boon for higher education”. The zesty event ended with Ms. Ritika Rupam (B.Tech CSE 1st Year) bagging 1st and Mr. Sharangdhar Shree (B.Tech CSE 1st year) bagging 2nd prize as the ‘BEST SPEAKER’.



Webinar on Blow Away Worry Cloud

Manage Your Mental And Emotional Health

Career Development Cell in association with Department Of Student Welfare, DIT University organized a webinar on “Blow Away Your Worry Cloud – Manage Your Mental And Emotional Health” on 10th August from 10 a.m. to 12 p.m. The speaker of the interactive session was Ms. Zainab Faraqui, student counsellor, DIT University. The main purpose of Webinar was to blow all the worries and tips to manage the mental as well as emotional health between all the stress.



Webinar on the Softest Skill in Association with the Art of Living

Career Development Cell, DIT University, organised a webinar on “The Softest Skill In Association With The Art Of Living”, on 12 August, from 10 a.m. to 12 p.m. The experts of the webinar were Saral Agarwal and Manmeet Agarwal. Theenriching session aimed to bring out the Softest Skill of the students in collaborationwith the art of living



How to plan Financials for Successful Start-up and Fraud Prevention

An online session was held on 2 December 2021 about “How to plan financials for successful startup and fraud prevention?”. Many insights were shared by the industry professionals, which included, Vipul Agarwal who is the Vice President of HDFC bank, U.C. Agarwal who is Director of CIIES at DIT University and FCA Sachin Agarwal, Partner – URS & Co. The session was about the suggestions about the finance decisions that must be made in running a startup smoothly. Also, many suggestions were made about the prevention of Fraud in a startup.



consecutive vaccination drive at its premises on 3rd December. The camp took place in association with CMO office and primary health center Brahmanwala from 9 :30 a.m. to 3:30 p.m. Staff members and students, along with the people of the five adopted villages participated in this drive. DIT University made sure to avoid any fatalities and safety of its faculty with this vaccination drive.

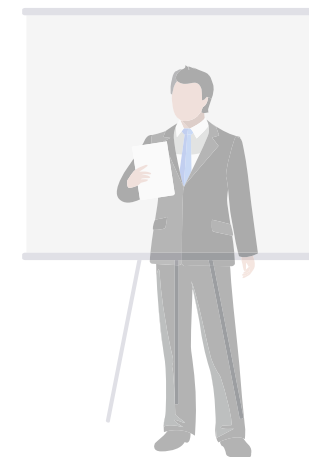
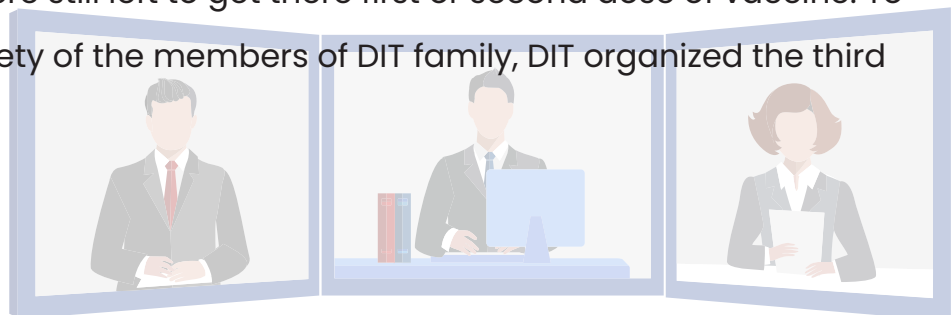
Best Paper Presentation

“It’s only one straw” said 8 billion people – by unknown. A change in mindset is needed for a sustainable future. One such example was set by Dr. Tarumay Ghoshal, who won the “ Best Paper Presentation” for Sustainable Environment Engineering and Science at SEES 2021.

Dr. Ghoshal is currently working as Associate Dean RNC in DIT University and Associate Professor in Department of Civil Engineering. Also, he is currently working with Uttarakhand Pollution Control Board in the domain of Air and Water quality monitoring.

Covid Vaccination Drive

DIT University held a Vaccination Drive at Vedanta for the staff and faculty who were still left to get their first or second dose of vaccine. To ensure the safety of the members of DIT family, DIT organized the third



MoU Signing between DIT University, Dehradun and Mahindra & Mahindra Ltd., Haridwar

DIT University signed a Memorandum of Understanding (MoU) with Mahindra & Mahindra Ltd. Haridwar in order to benefit the growth of its students. It will make it easy for the students of Mechanical Department to collaborate and train by the professionals at Mahindra & Mahindra Ltd. This will also enhance chances for acceptance in internships as well as jobs of the students with proper training and facilities.



Christmas Celebration

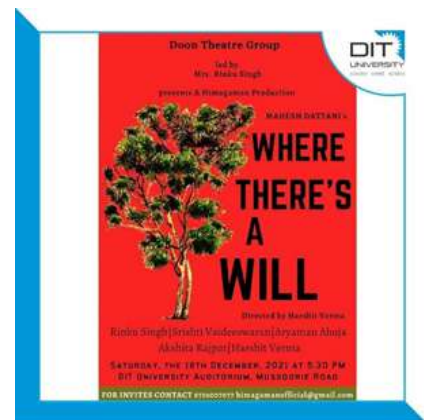
On 24 December 2021, the redness of joy spread all over the place of the occasion of Christmas. A day full with the hope that an old man having white beard and red clothes will bring gifts filled with happiness and excitement of surprises. DIT University, also contributed to this joy by participating in it and celebrated this day with smiling faces, red caps and a bright sunlight at Chanakya Lawn.



A Poetic Evening at DIT University

DIT University hosted a play 'Where there's a Will' by Mahesh Dattani, led by Mrs. Rinku Singh, Doon Theatre Group on December 18, 2021.

This event was held at DIT Auditorium with audience invited from Antara Stanza Living and faculty members of DIT University. Also, the event took place under the covid protocols of social distancing and sanitization followed with similar measures.



DIWALI CELEBRATION

On November 4th ' 2021 , DIT UNIVERSITY celebrated Diwali on campus . The day started with a puja that was attended by all the leaders, faculties, staff and students The high energy outdoor environment created a perfect backdrop for the event with musicians amping with the mood . It was cheerful to see the efforts on the part of youth who tried their best to bring a sense of integrity and brotherhood amongst the participants. The campus was filled with joy and happiness.

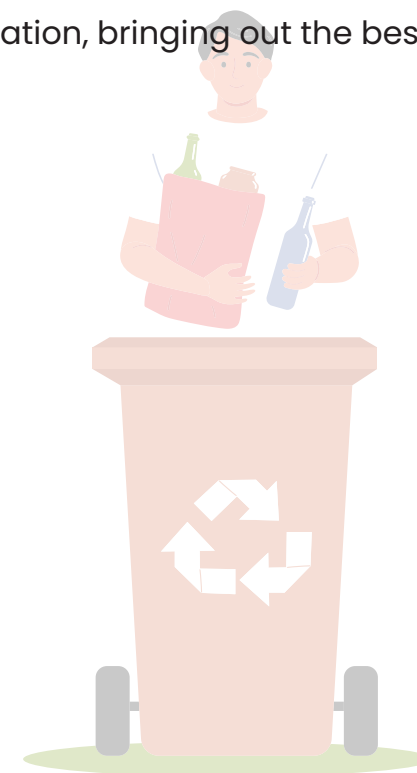


DISPOSAL of BIO-MEDICAL WASTE in GIRL'S HOSTEL

Kudos to the B.tech (Civil Engineering) students of DIT UNIVERSITY for striving to build a safer and healthier world for women by undertaking a project on : ' Disposal of bio-medical waste in girl's hostel ' . This was organized on November 15th' 21 to take action against taboos and bringing light upon women's health and wellness.

It was a pathbreaking put across . This further carried our tradition of engineering social change in urgent areas like : Green Building Rating, Atmospheric Parameters Measurement, Risperana River Quantity Monitoring, and more .

Deep gratitude to Dean Student's Welfare : Dr. Rakesh Mohan sir, Dean SOET: Dr.B.K Singh sir, HoD : Dr. Suprakash Biswas sir and Capt. Raghvan sir as well as the digital marketing team for their immense support and cooperation, bringing out the best from this project .



NATIONAL EDUCATION DAY

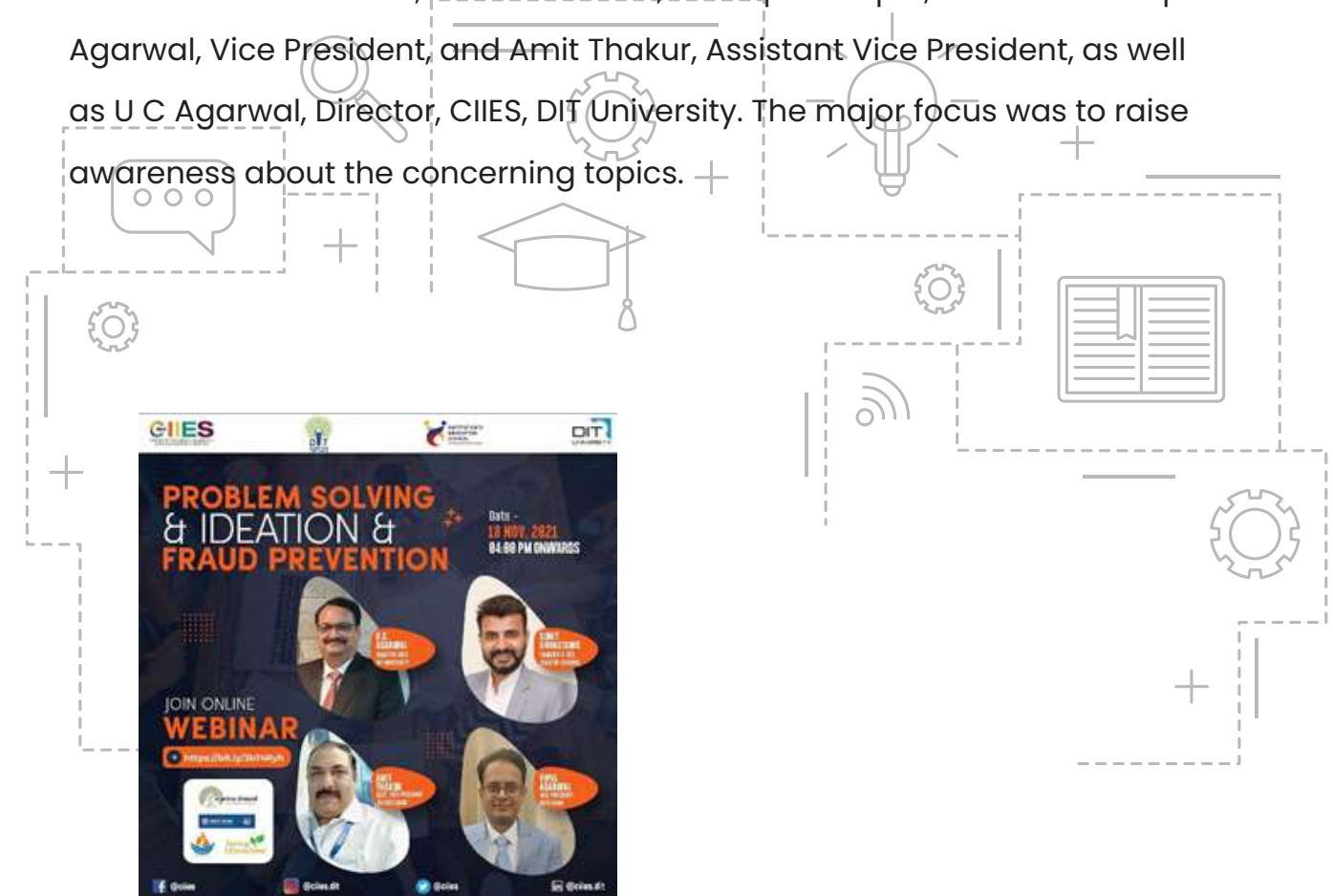
To commemorate the birth anniversary of India's first Education minister : 'Maulana Abul Kalam Azad' , the Centre of Innovation Incubation , Entrepreneurship and Startship (CIIES) – DIT University , celebrated National Education Day on November 11th' 21 from 4:30 p.m.

As part of the celebration, Prof. Trilok Kumar Jain (Dean of Suresh Gyan Vihar University – Jaipur) and Mr. U.C. Agarwal (Director of CIIES DIT) , shared their insights on the need and the impact of New Education Policy 2021 on higher education institutions . The platform was shared online by the dignitaries and the students through MS Teams .



PROBLEM SOLVING AND IDEATION AND FRAUD PREVENTION

On November 17, DIT University organized an event to understand and learn about 'Problem Solving & Ideation and Fraud Prevention' held by Center of Innovation, Incubation, Entrepreneurship and Startup (CIIES.DIT), in association with Startup Chaupal® - Incubator & Angel Network. DIT University also collaborated with HDFC Bank to create fraud prevention awareness among faculty and students. The main speaker of the event were Sumit Srivastawa, Founder & CEO, Startup Chaupal, HDFC Bank's Vipul Agarwal, Vice President, and Amit Thakur, Assistant Vice President, as well as U C Agarwal, Director, CIIES, DIT University. The major focus was to raise awareness about the concerning topics.





BEST READER AWARD

On November 18, 2021, DIT University gave out some heartwarming gift and recognition to students and staff members for being the Best Readers at the Central Library of DIT, congratulating them on being such avid readers. The recognition was highly deserved.



INNOVATION AND INTELLECTUAL PROPERTY DAY

On November 23, DIT University celebrates Innovation & Intellectual Property Day 2021. Which held an addressing by DITU's leader, an idea sharing session by DITU inventors and innovators, and a valedictory function. Along with Keynote Speaker Prof. Umesh V Banakar of Banakar Consulting Services as the guest of the event. Prof. Banakar is Professor of

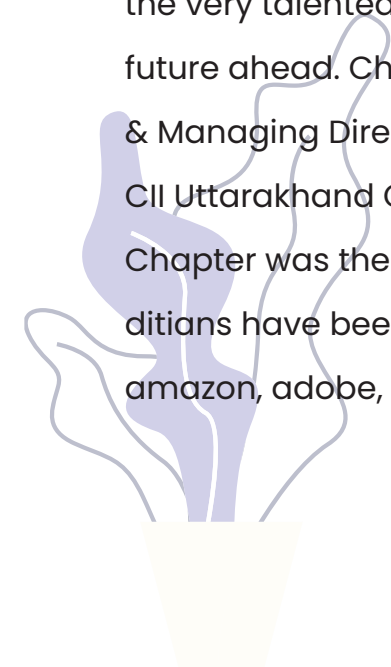


Pharmaceutics and an independent Consultant/Advisor to the pharma industry and academia who has made extensive contributions in drug product development and evaluation (in vitro and clinical). He is also the Founder of Goa – Center for Excellence in Intellectual Property [G-CEIP], and has authored over 100 publications, over 100 published abstracts and presentations, numerous specialized workshop manuals, several chapters and monographs, over 45 expert book reviews and 5 guest editorials. The event had huge response from students with great enthusiasm.

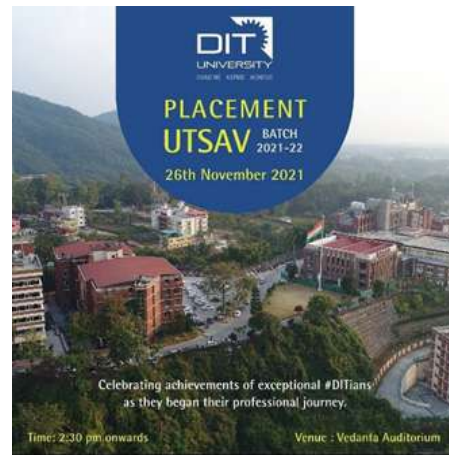


PLACEMENT UTSAV

On December 26, 2021, to recognize and wish the batch of 2021-22 hearty wishes on the future journey they are now to embark on Placement Utsav was organized. To acknowledge the incredible achievements of the very talented students and hoping all the luck and fortune for their future ahead. Chief guests at the event were Mr. VIPUL DAWAR, Promoter & Managing Director, INDO – GERMAN BRAKES PRIVATE LIMITED & Chairman CII Uttarakhand Chapter and Mr. Sumanpreet – Director CII Uttarakhand Chapter was the Guest of Honor. The event talked about how many of the students have been placed in all the well-known firms and companies like Amazon, Adobe, Dell, Infosys, TCS and many more. Mr. Saurav Badoni



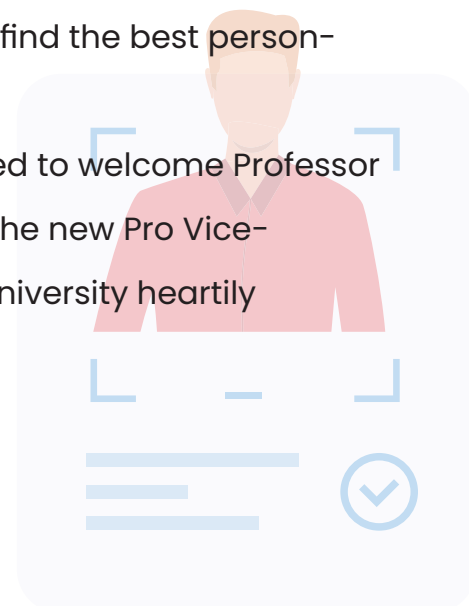
(Associate Dean – Career Services, DIT University) highlighted that in challenging market conditions the placement team of DIT University has worked very hard. Ending it on the note of happy and hearty wishes.



DIT WELCOMES PROFESSOR PRIYADARSAN PATRA AS NEW PRO VICE-CHANCELLOR

When a company seeks a new chief executive officer, or a university a new vice-chancellor, enormous trouble is taken to find the best person- Richard Dawkins

On October 1st 2021, the University of DIT was pleased to welcome Professor Priyadarsan Patra to the university community as the new Pro Vice-Chancellor. The leadership team members of DIT University heartily

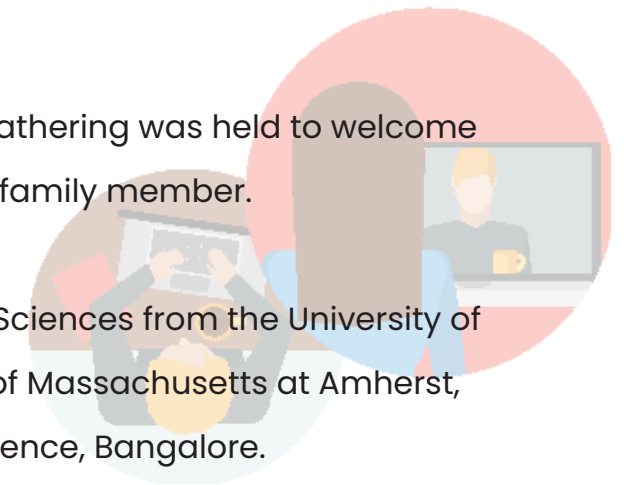


greeted the new pro vice-chancellor. The gathering was held to welcome the new pro vice chancellor as a part of DIT family member.

Dr. Patra holds a Ph.D. degree in Computer Sciences from the University of Texas at Austin, an M.S. from the University of Massachusetts at Amherst, and a B.Engg from the Indian Institute of Science, Bangalore.

Prof. Patra along with the faculty member aim is to build the sustainable ecosystem of India with class leading interventions in each sector of the economy.

As part of this huge family we look forward to his guidance and are certain that he will help us to achieve many new and exciting milestones.



WEBINAR 1



On October 13th 2021, the SHIKHAR: Centre of Excellence for Resilient Human Settlements in Himalayas, established in collaboration with School of Architecture and Design, DIT University and Development Alternatives Group organized a webinar series.

In the first webinar, they discussed about the 'Sustainable Construction Practices for Human Settlement'. Mohak Gupta (Senior Manager, Development Alternative), Ar. Purnima Verma (Assistant Professor, DIT University), and Ar. Shraddha Bahukhandi (Assistant Professor, DIT University) were the prominent speakers of this webinar.

The objective of this webinar was to discuss the pertinent issue towards creating a better environment for all through sustainable practices, with a focus on resources, livelihoods, and disaster resilience.

The webinar was conducted by joining this link: <https://bit.ly/2YCu9xe> and keen students attended it.

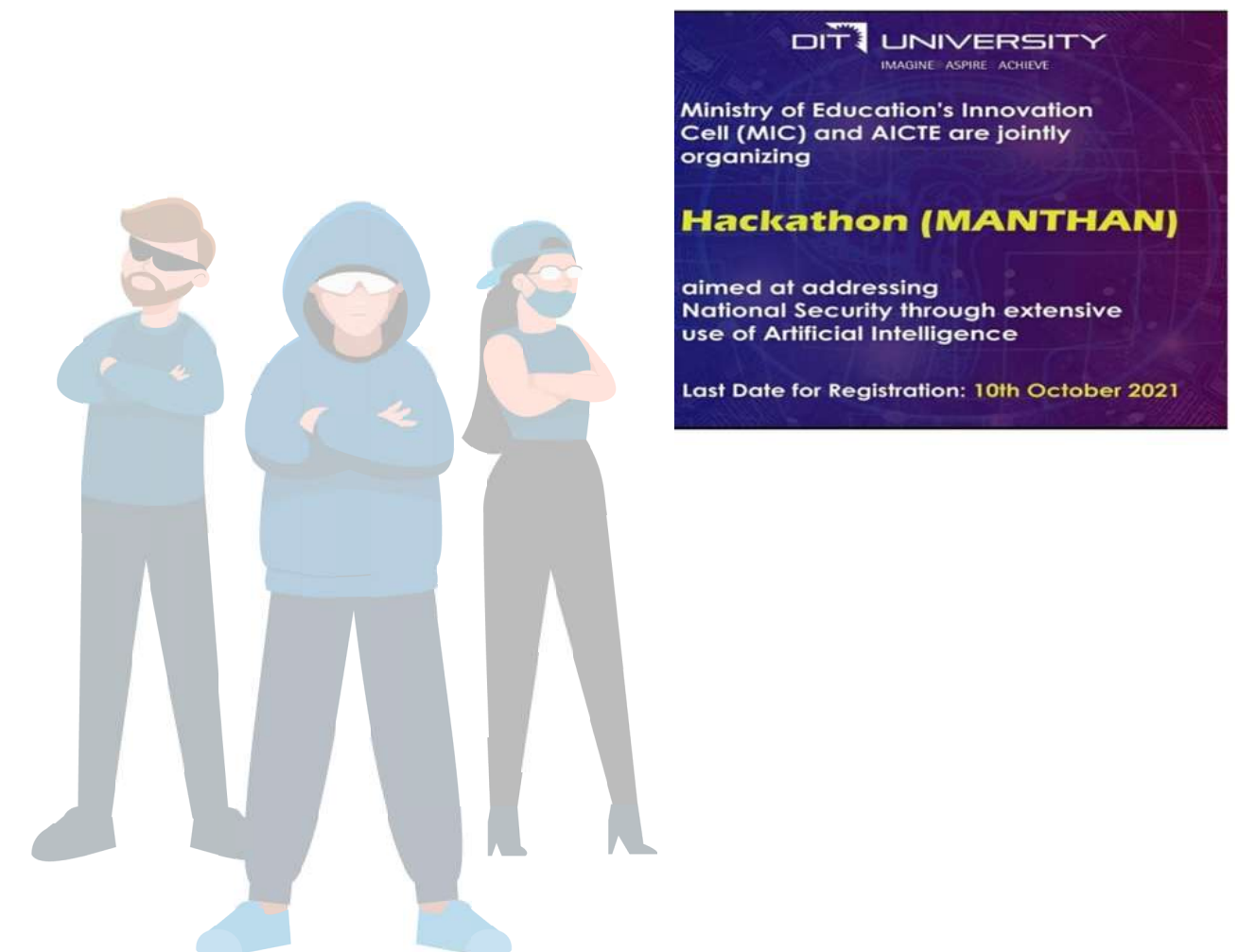


Hackathon (Manthan)

Hackathons are where your crazy idea becomes reality – Alex Kern, Hacker To demonstrate the problem solving skills using Artificial Intelligence at Manthan, the Ministry of Education's Innovation Cell (MIC) and All India Council for Technical Education (AICTE) jointly organized a Hackathon on October 8th 2021.

The participants were given problem statements by the Bureau of Police Research and Development.

The event aimed at addressing the National Security through extensive use of Artificial Intelligence.



ALUMNI STUDENT INTERACTION SESSIO

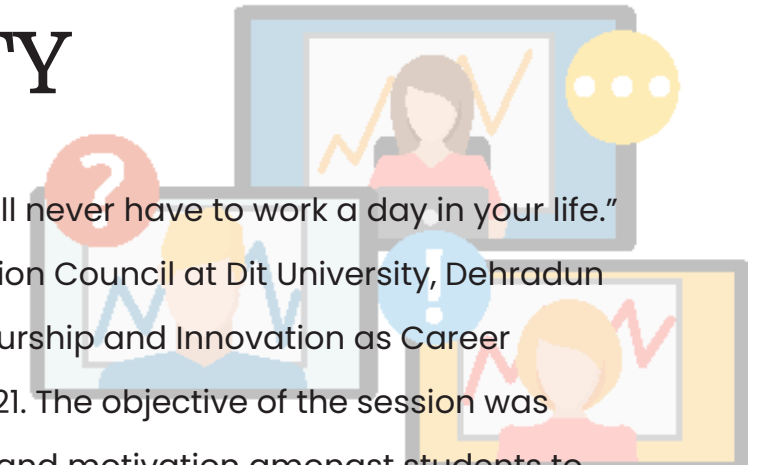


On October 21st 2021, DIT University conducted an alumni student interaction session at the Vedanta Auditorium. It was an interaction in exploring the relationship between tech and the marketplace with alumni Mr. Ayush Kuwala (Batch 2008-12), who works as a Network Expansion & Dealer Development Head, at Ather Energy in Bangalore and Mr. Anil Singh Panwar (Batch 2008-12), who works as a Territory Manager at Servier Labs in France. Mr. Ayush Kuwala and Mr. Anil Singh Panwar were the prominent speakers of this event.

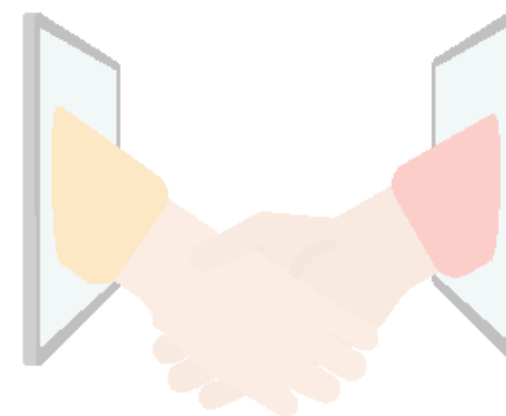
Both these amazing talents shared their professional insights on two topics 'The Art of Disruption – How new age technologies are disrupting market place and onset of electric vehicle technology is prime examples of this' and 'Current Scenario and Demand of Industry'.



ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY

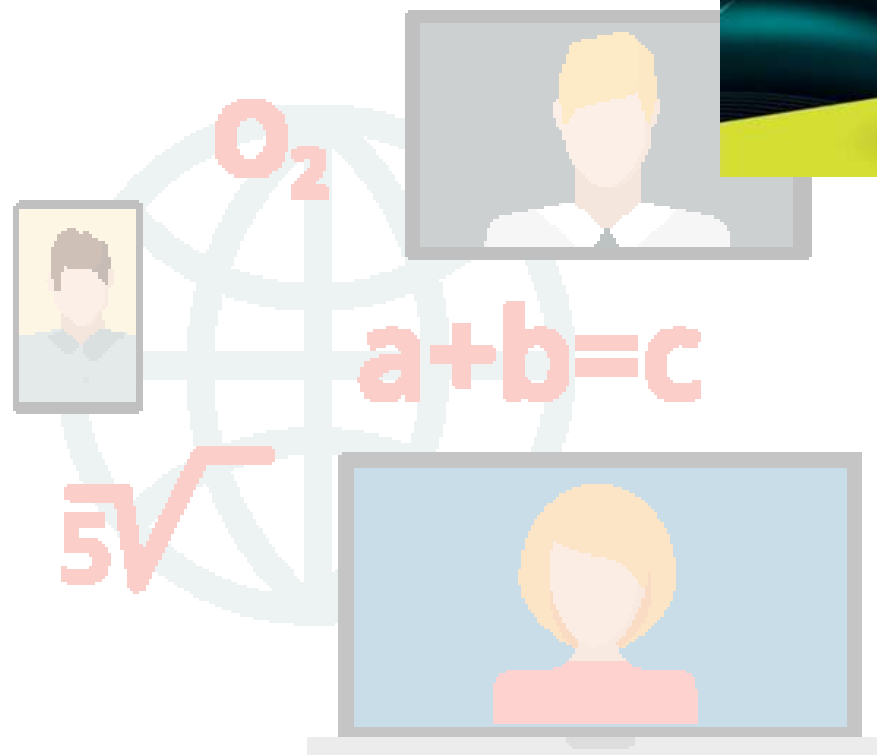


“Choose a job you love, and you will never have to work a day in your life.”
—Confucius The Institution Innovation Council at DIT University, Dehradun organized a session on Entrepreneurship and Innovation as Career Opportunity on 30th of October 2021. The objective of the session was kept in mind –building awareness and motivation amongst students to become job creators by honing various aspects and skills of their inner entrepreneur. The Inauguration address was delivered by Dr. Maneeek Kumar the Director (Stream) of DIT University, while Mr. UC Agrawal, the Director of Center of Innovation, Incubation, Entrepreneurship and startups were the speaker of this session. Group of students from different departments presented new innovative Startup ideas, while all the participants were awarded certificates by the Director (CIIES). The event is a part of DIT University's ongoing mission to inspire, build and support the entrepreneurial ecosystem of the country, with a focus on the students.



RISING UNIVERSITY

The Secret to Success is concealed in Love with your Work Dit University has provided excellent opportunities to its faculty for reaching new heights of proficiency. In support to this testimony, on October 25th 2021, DR. Neeraj Kumar Sethiya a faculty member of Dit University had entered Stanford's prestigious world ranking 2021 a privileged reserved for only the top 2% of the world's scientist. With a radiant and blissful smile DR. Neeraj thanked DIT and his colleagues for the continuous support, for the launch pad and the opportunities that were given to him. DR. Neeraj as a part of the DIT family we are honored with his spectacular achievement and wish him great success for his future.



FREE VACCINATION DRIVE AT DIT UNIVERSITY

We are in this together – and we will get through this, together. –

@antonioguterres <http://un.org>

As per the announcement made by the government of India free vaccines are now available to all above the age of 18. So on 19th October 2021, Dit University organized a free vaccination drive for one day at the campus. The whole team of medical group was present. Students, staff, and faculty members who could not receive their first or second dose of covishield received their first or second dose of the vaccine, as eligible, at the campus.

For remembrances of getting a jab there was a booth 'I am vaccinated' in the hall, many of the students took pictures after getting the vaccine. I'm happy to say that now many of the students and staff are safe and secure.



BATTLE GROUND MOBILE INDIA TOURNAMENT

Failure doesn't mean game over, it means try again with experience

On 14th October 2021, Elite Sports India was excited to announce the BGMI Esports Champion for the Central Division. It is one of a kind championship which assembles the top BGMI squads from the center of the country. The event was held from October 22nd to 24th, 2021, and had 4+1 players per team with the top 2 teams from the division who would go through to the national championship with the prize pool of INR 10 lakhs.

The Central Division championship had attractive cash prizes of up to INR 50,000. The winner would receive INR 25,000, the first runner up would receive INR 15,000 and the second runner up would get INR 5,000.

The entry fee was free for the university and high school students.



CONVOCAATION 2021

निहारिका और प्रणाली को मिला गोल्ड मेडल

डीआईटी विवि के दीक्षांत समारोह में 1434 छात्रों को मिली डिग्री

देहरादून। डीआईटी विश्वविद्यालय देहरादून के दीक्षांत समारोह में स्नातक में निहारिका पुर्वी व स्नातकोत्तर में प्रणाली राणी को गोल्ड मेडल से नवाजा गया। समारोह में कुल 1434 छात्रों को डिग्री प्रदान की गई। इस दौरान राज्यपाल बेबी रानी मौर्या ने वीडियो संदेश में कहा कि नई शिक्षा नीति छात्र एवं राष्ट्र के विकास में अहम भूमिका निभाएगी। छात्र नई नीति को प्रभावी तरह से लागू कर नए शोध एवं पाठ्यक्रमों के जरिये बड़े बदलाव ला सकते हैं। शनिवार को डीआईटी विश्वविद्यालय में हुए दीक्षांत समारोह की शुरुआत वैदिक मंत्रोच्चारण के साथ अकादमिक जुलूस से की गई। विवि चंसलर एन रविशंकर ने कुलपति व दीक्षांत समारोह स्मारिका का विमोचन किया। उन्होंने कहा कि राज्यपाल किन्हीं कारणों से कार्यक्रम में शामिल नहीं हो सकी हैं, लेकिन उन्होंने वीडियो संदेश के जरिये छात्रों को उत्कृष्ट धन सिंह रावत ने भी शुभकामनाएं संदेश भेजा। कुलपति डॉ. केके रैना ने विवि की उपलब्धियों को रिपोर्ट प्रस्तुत की। कहा कि विवि की स्थापना हुए 22 सालों में विभिन्न क्षेत्रों में योगदान रहा। कई खंडाक्रमों को जोड़ने के साथ-साथ शैक्षिक शोध में कौशलपूर्ण स्थिति किए हैं। इसके बाद चंसलर द्वारा स्नातक को वंदना व स्नातकोत्तर के प्रणव चंदे को सिल्वर मेडल से नवाजा गया। साथ ही स्नातक के देवनागरन उनियाल व स्नातकोत्तर के विजुल एच हरिहर को ब्राँज मेडल प्रदान किया गया।



राज्यपाल बेबी रानी मौर्या ने वीडियो संदेश में दीक्षांत समारोह में 1434 छात्रों को डिग्री प्रदान की गई।

डीआईटी के 1434 छात्रों को डिग्री की गई प्रदान

देहरादून। डीआईटी विश्वविद्यालय देहरादून ने शनिवार 12 दिसंबर को शैक्षणिक वर्ष 2018-2020 के सफल छात्रों को डिग्री प्रदान करने के लिए 4वां दीक्षांत समारोह आयोजित किया। दीक्षांत समारोह में 1434 छात्रों को डिग्री प्रदान की गई। इस मौके पर बतौर मुख्य अतिथि माननीय राज्यपाल उत्तराखंड बेबी रानी मौर्या ने प्रतिभाग करना था। परंतु उन्होंने कोविड को ध्यान में रखते हुए अपना एक संदेश छात्रों के नाम भेजा, जिसमें उन्होंने सभी छात्रों को बधाई देते हुए कहा कि आज डीआईटी विश्वविद्यालय के चतुर्थ दीक्षांत समारोह का साक्षी बन इस अतिविशिष्ट क्षण एवं समारोह को संबोधित करने का अवसर मेरे लिए अतिहर्ष एवं सम्मान का विषय है।

डीआईटी के 1434 छात्रों को प्रदान की गई डिग्रियां

● चतुर्थ दीक्षांत समारोह का किया गया आयोजन

राज्यपाल बेबी रानी मौर्या

देहरादून। शैक्षणिक वर्ष 2018-2020 के सफल छात्रों को डिग्री प्रदान करने के लिए, डीआईटी विश्वविद्यालय में चौथा दीक्षांत समारोह आयोजित किया। दीक्षांत समारोह में 1434 छात्रों को डिग्री प्रदान की गई। शनिवार को डीआईटी विश्वविद्यालय में चौथा दीक्षांत समारोह आयोजित किया। दीक्षांत समारोह में कुल 1434 छात्रों को डिग्री प्रदान की गई। इस दौरान राज्यपाल बेबी रानी मौर्या ने वीडियो संदेश में कहा कि नई शिक्षा नीति छात्र एवं राष्ट्र के विकास में अहम भूमिका निभाएगी। छात्र नई नीति को प्रभावी तरह से लागू कर नए शोध एवं पाठ्यक्रमों के जरिये बड़े बदलाव ला सकते हैं। शनिवार को डीआईटी विश्वविद्यालय में हुए दीक्षांत समारोह की शुरुआत वैदिक मंत्रोच्चारण के साथ अकादमिक जुलूस से की गई। विवि चंसलर एन रविशंकर ने कुलपति व दीक्षांत समारोह स्मारिका का विमोचन किया। उन्होंने कहा कि राज्यपाल किन्हीं कारणों से कार्यक्रम में शामिल नहीं हो सकी हैं, लेकिन उन्होंने वीडियो संदेश के जरिये छात्रों को उत्कृष्ट धन सिंह रावत ने भी शुभकामनाएं संदेश भेजा। कुलपति डॉ. केके रैना ने विवि की उपलब्धियों को रिपोर्ट प्रस्तुत की। कहा कि विवि की स्थापना हुए 22 सालों में विभिन्न क्षेत्रों में योगदान रहा। कई खंडाक्रमों को जोड़ने के साथ-साथ शैक्षिक शोध में कौशलपूर्ण स्थिति किए हैं। इसके बाद चंसलर द्वारा स्नातक को वंदना व स्नातकोत्तर के प्रणव चंदे को सिल्वर मेडल से नवाजा गया। साथ ही स्नातक के देवनागरन उनियाल व स्नातकोत्तर के विजुल एच हरिहर को ब्राँज मेडल प्रदान किया गया।



दीक्षांत समारोह में उपस्थित प्रांत करने वाले छात्र-छात्राएं।

कर्मियों ने इन प्रतिबंधों का अनुपालन किया। परिसर स्नानक छात्रों और अभिभावकों को उपस्थिति के साथ जीवन दिखाने दिए। यह देखकर खुशी हुई कि छात्र परिसर में जाने और संशोधित व्यक्तियों से अपनी डिग्री प्राप्त करने के लिए उपस्थित थे। वैदिक मंत्रों के गूंजने वाले मंत्रों के सफल में अकादमिक जुलूस के आयोजन के साथ शुरू हुआ यह अवसर कुलपति और दीक्षांत समारोह स्मारिका का विमोचन था। चंसलर एन रवि शंकर ने की और से दीक्षांत समारोह का संदेश दिया। उन्होंने अपने संबोधन में छात्रों और पुरस्कार विजेताओं को सम्मानित किया। कुलपति डॉ. केके रैना ने विश्वविद्यालय की रिपोर्ट प्रस्तुत की। उन्होंने पुरस्कार विजेताओं को सम्मानित करने वाले छात्रों उनके माता-पिता और शैक्षणिक अकादमियों के लिए विश्वविद्यालय को बधाई दी। उन्होंने कोविड-19 की रोकथाम के लिए सख्ती निगरानी और दिवस-निरीक्षण का चलन करने के लिए पर्वत सावधानी बरती हैं। अनिल केएस

ने कार्यक्रम में भाग लेने वाले सभी कर्मियों ने इन प्रतिबंधों का अनुपालन किया। परिसर स्नानक छात्रों और अभिभावकों को उपस्थिति के साथ जीवन दिखाने दिए। यह देखकर खुशी हुई कि छात्र परिसर में जाने और संशोधित व्यक्तियों से अपनी डिग्री प्राप्त करने के लिए उपस्थित थे। वैदिक मंत्रों के गूंजने वाले मंत्रों के सफल में अकादमिक जुलूस के आयोजन के साथ शुरू हुआ यह अवसर कुलपति और दीक्षांत समारोह स्मारिका का विमोचन था। चंसलर एन रवि शंकर ने की और से दीक्षांत समारोह का संदेश दिया। उन्होंने अपने संबोधन में छात्रों और पुरस्कार विजेताओं को सम्मानित किया। कुलपति डॉ. केके रैना ने विश्वविद्यालय की रिपोर्ट प्रस्तुत की। उन्होंने पुरस्कार विजेताओं को सम्मानित करने वाले छात्रों उनके माता-पिता और शैक्षणिक अकादमियों के लिए विश्वविद्यालय को बधाई दी। उन्होंने कोविड-19 की रोकथाम के लिए सख्ती निगरानी और दिवस-निरीक्षण का चलन करने के लिए पर्वत सावधानी बरती हैं। अनिल केएस

डीआईटी में डिग्री पाकर खिले छात्रों के चेहरे

देहरादून। कार्यालय संवाददाता

डीआईटी विश्वविद्यालय देहरादून का चौथा द्विवार्षिक दीक्षांत समारोह आयोजित हुआ। इसमें 1434 छात्रों को डिग्री प्रदान की गई। डिग्री पाकर छात्रों के चेहरे खिल उठे। समारोह में कोविड-19 के नियमों का विशेष ध्यान रखा गया। समारोह में राज्यपाल बेबी रानी मौर्या ने बतौर मुख्य अतिथि प्रतिभाग करना था, लेकिन कोविड को ध्यान में रखते वह उपस्थित नहीं हो पाई। उन्होंने अपना संदेश छात्रों के नाम भेजा। कहा कि आज विश्वविद्यालय के लिए गौरव का क्षण है। समारोह के साक्षी बने सभी छात्र और अभिभावकों को बधाई। संदेश में कहा कि दीक्षांत समारोह एक तरह का जहाँ किसी भी विश्वविद्यालय की परिपक्वता एवं उपलब्धियों को दर्शाने वाला एक ऐतिहासिक क्षण होता है।



डीआईटी के दीक्षांत समारोह में शनिवार को छात्र-छात्राओं को डिग्रियां प्रदान की गईं। ● केदुस्तान में स्नातक करने वाले छात्रों, उनके माता-पिता और शैक्षणिक अकादमियों के लिए विश्वविद्यालय को बधाई दी। सौम्य त्रिवेद रावत और उच्चा शिक्षा राज्य मंत्री डॉ. धन सिंह रावत ने भी छात्रों के नाम बधाई संदेश भेजा।

डीआईटी के 1434 छात्रों को डिग्री प्रदान की गई

● 4वां दीक्षांत समारोह का किया गया आयोजन

देहरादून, संवाददाता। डीआईटी विश्वविद्यालय देहरादून ने शनिवार 12 दिसंबर को शैक्षणिक वर्ष 2018-2020 के सफल छात्रों को डिग्री प्रदान करने के लिए 4वां दीक्षांत समारोह आयोजित किया। दीक्षांत समारोह में 1434 छात्रों को डिग्री प्रदान की गई। इस मौके पर बतौर मुख्य अतिथि माननीय राज्यपाल उत्तराखंड बेबी रानी मौर्या ने प्रतिभाग करना था। परंतु उन्होंने कोविड को ध्यान में रखते हुए अपना एक संदेश छात्रों के नाम भेजा, जिसमें उन्होंने सभी छात्रों को बधाई देते हुए कहा कि आज डीआईटी विश्वविद्यालय के चतुर्थ दीक्षांत समारोह का साक्षी बन इस अतिविशिष्ट क्षण एवं समारोह को संबोधित करने का अवसर मेरे लिए अतिहर्ष एवं सम्मान का विषय है।



डीआईटी के दीक्षांत समारोह में शनिवार को छात्र-छात्राओं को डिग्रियां प्रदान की गईं। ● केदुस्तान में स्नातक करने वाले छात्रों, उनके माता-पिता और शैक्षणिक अकादमियों के लिए विश्वविद्यालय को बधाई दी। सौम्य त्रिवेद रावत और उच्चा शिक्षा राज्य मंत्री डॉ. धन सिंह रावत ने भी छात्रों के नाम बधाई संदेश भेजा।

डीआईटी के दीक्षांत समारोह में 1434 छात्रों को प्रदान की डिग्री

राज्यापाल बेबी रानी मौर्य ने ई- अभिभाषण में डिग्री धारक छात्रों को दी उज्जवल भविष्य की शुभकामना

■ **कुलपति इन सर्वश्रेष्ठ ने कहा कि डिग्री 22 वर्षों से विश्वविद्यालय है। शैक्षणिक क्रियाकलापों में नई तकनीकी के साथ निरंतर आगे बढ़ रहा**

देहरादून,लोकसत्त्व।

डीआईटी विश्वविद्यालय में आयोजित चतुर्थ दीक्षांत समारोह में 1434 छात्रों को डिग्री प्रदान की गई। इस मौके पर दीक्षांत समारोह स्मारिका का वितरण भी किया गया।

शानिकार को विश्व विद्यालय सभागार में आयोजित भव्य दीक्षांत समारोह के दौरान शैक्षणिक खर 2018-2020 के सफल छात्रों को डिग्री प्रदान की गई। समारोह में डिग्री धारकों को मातृमहिन राज्यपाल बेबी रानी मौर्य ने अपने ई- अभिभाषण में



डिग्री धारक छात्रों को भविष्य की शुभकामना देते हुए कहा यह क्षण कलक के जीवन में बड़े दुर्लभ होते हैं यहां से भविष्य का मार्ग प्रसरत होता है। उन्होंने कहा मेरी अभिलाषा थी की समारोह में उपस्थित होकर आप सभी को से स्वरू हूं लेकिन संक्रमण काल के पहरेदार यह संघ नहीं से पाया।

महामहिम ने श्रधित संबोधन में

कहा दीक्षांत समारोह एक सफल जहां किसी भी विश्वविद्यालय की परिपक्वता एवं उपलब्धियों को दर्शाने वाला एक ऐतिहासिक क्षण होता है, यहीं यह छात्र छात्राओं के लिए एक यादगार अवसर भी होता है यहाँ उनके कठिन परिश्रम एवं सार्थक के फलस्वरूप उनके शैक्षिक जीवन ने एक और उत्सर्गिक मुहूर्त है। उन्होंने सभी छात्रों को इस

उपलब्धि पर आपने शुभकामनाएं प्रेषित की है।

विश्वविद्यालय के कुलपति एन शंकर ने कहा कि डिग्री 22 वर्षों से विश्वविद्यालय शैक्षणिक क्रियाकलापों में नई तकनीकी के साथ निरंतर आगे बढ़ रहा है। विभिन्न पाठ्यक्रमों एवं संकायों को जोड़ते हुए, शैक्षिक एवं अनुसंधान के कार्यक्षेत्र को विस्तृत कर शिक्षा के उच्च स्तर को प्राप्त करने का भरपूर प्रयास विश्वविद्यालय की ओर से किया जा रहा है। उन्होंने कहा विश्वविद्यालय आने वाले समय में छात्रों को बेहतर रोजगार के शिख देने की दिशा में कार्य करेगा।

समारोह में चर्ची संस्था में छात्रों, अभिभावकों और संकाय सदस्यों सहित क्षेत्र के गणमान्य लोग मौजूद रहे।

डीआईटी के 1434 छात्र-छात्राओं को मिली उपाधि



समारोह में मेहल व उपाधि के साथ छात्र-छात्राएं।

देहरादून (एसएनबी)। डीआईटी विश्वविद्यालय में आयोजित दीक्षांत समारोह में विभिन्न पाठ्यक्रमों के करीब 1434 छात्र-छात्राओं को उपाधि प्रदान की गई। उपाधि हासिल करने के बाद छात्र-छात्राओं के चेहरे खुशी से छिल उठे। छात्र-छात्राओं ने जमकर अपनी खुशी का इज्हार किया।

शनिवार को आयोजित दीक्षांत समारोह में शैक्षणिक वर्ष 2018-2020 के सफल 1434 छात्रों को डिग्री प्रदान की गई। विश्व के संसलर एन रवि शंकर ने उत्कृष्ट प्रदर्शन करने वाले छात्र-छात्रों को मेहल प्रदान कर सम्मानित भी किया। समारोह में वतौर मुख्य अतिथि राज्यापाल उत्तराखण्ड बेबी रानी मौर्या को शामिल होना था, लेकिन कोविड-19 को ध्यान में रखते हुए छात्रों के नाम अपना संदेश भेजा।

अपने संदेश में राज्यापाल ने दीक्षांत समारोह वि-विद्यालय के लिए की परिपक्वता एवं उपलब्धियों को दर्शाने वाला ऐतिहासिक क्षण होता है। वहीं छत्र छात्राओं के लिए भी दीक्षांत समारोह एक यादगार अवसर होता है छात्रों के कठिन परिश्रम एवं समर्पण के फलस्वरूप शैक्षिक जीवन में एक और उपलब्धि जुड़ती है। उन्होंने कोविड-19 के इस संकटमय समय में छात्रों के भविष्य को केन्द्रबिंदु रखकर विवि द्वारा आयोजित ई-दीक्षांत समारोह की सराहना की। समारोह के लिए मुख्यमंत्री त्रिवेन्द्र सिंह रावत व उच्च शिक्षा मंत्री डा. धन सिंह रावत ने छात्रों के लिए वचार्ड संदेश भेजा। कुलपति डा. के. रंता ने विश्वविद्यालय की रिपोर्ट प्रस्तुत की। समारोह में कोविड-19 को लेकर जारी सभी नियमों व दिशानिर्देशों का पालन किया गया।

डीआईटी के 1434 छात्रों को प्रदान की गई डिग्री

शाह टाइम्स संवाददाता

रादून। डीआईटी विश्वविद्यालय रादून ने शनिवार 12 दिसंबर को श्णिक वर्ष 2018-2020 के ंतल छात्रों को डिग्री प्रदान करने के ् चौथा दीक्षांत समारोह आयोजित था। दीक्षांत समारोह में 1434 ाों को डिग्री प्रदान की गई।

इस मौके पर वतौर मुख्य अतिथि पपाल उत्तराखण्ड बेबी रानी मौर्या ातिभाग करना था। कोविड को न में रखते हुए अपना एक संदेश ाों के नाम भेजा। जिसमें उन्होंने ा छात्रों को बधाई देते हुए कहा आज डीआईटी विश्वविद्यालय चतुर्थ दीक्षांत समारोह का साक्षी इस अतिविशिष्ट क्षण एवं ारोह को संबोधित करने का सर मेरे लिए अतिहर्ष एवं सम्मान विषय है।

दीक्षांत समारोह एक तरफ जहाँ सी भी विश्वविद्यालय की पक्वता एवं उपलब्धियों को िने वाला एक ऐतिहासिक क्षण



■ चौथें दीक्षांत समारोह का किया गया आयोजन

होता है, वहीं यह छात्र-छात्राओं के लिए एक यादगार अवसर होता है जहाँ उनके कठिन परिश्रम एवं समर्पण के फलस्वरूप उनके शैक्षिक जीवन में एक और उपलब्धि जुड़ती है। छात्रों की इस उपलब्धि पर मेरी ओर से आप सभी छात्रों को हार्दिक शुभकामनाएं एवं अभिनन्दन। यह क्षण विश्वविद्यालय, शिक्षकों एवं अभिभावकों के लिए भी समान रूप से गौरवपूर्ण क्षण है, जिनके लिए आप सभी को मेरी ओर से हार्दिक

शुभकामनाएं। कोविड-19 के संकटमय समय में भी छात्रों भविष्य को केन्द्रबिंदु रखकर वि-विद्यालय ने आयोजित ई-दीक्ष समारोह के अवसर पर विश्वविद्यालय के प्रबंधन-मंडल सराहना एवं अभिनंदन करती हैं।

मुख्यमंत्री त्रिवेन्द्र सिंह रा और उच्च शिक्षा मंत्री उत्तरा सरकार डा. धन सिंह रावत ने छ के लिए बधाई संदेश भेजा। समारोह में छात्रों अभिभावकों माता-पिता और पुरस्कार विजेता गणमान्य व्यक्तियों संकाय सद दोनों ने भाग लिया।

Department News

School Of Computing

- Moumita Ghosh delivered a talk in an orientation session by Innovation Ambassadors covering National Innovation and Startup policy on 11th June, 2021.
- Video lecture of Moumita Ghosh on Cloud Computing was recorded for Institute for Industrial Development (IID), Msme, Govt. of India.
- Momita Ghosh completed an innovation ambassador training on advance level from MoE's Innovation Cell & AICTE, New Delhi.
- Dr. Anurag Aroen was awarded Dr. S Radhakrishnan Bharat Shiksha award for his outstanding contributions in the field of Indian Education by institutions and individual educators / educationists.
- Dr. Anurag Areon was awarded in "4th Teacher of The Year-2021 Award" . He has been scrutinized and selected by the Honorable Screening Committee under the chairmanship of Prof. P.P. Dhyani (Hon'ble Vice-Chancellor, Sridev Suman University & Uttarakhand Technical University).



- Dr. Garima Verma from School of Computing received an award for "Outstanding teaching" during the Academic year 2020-21 on 5th Sep 2021.
- Dr. Anurag Aeron has organized Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs Friday 19th Feb 2021 at SoC, DIT University Dehradun.
- Dr. Anurag Aeron was invited as a speaker in Orientation session for Students and Faculties of Institute by Innovation Ambassadors; June 25, 2021; organized by Institution Innovation Council, DIT University as per the guidelines of Ministry of Education's Innovation Cell.



Department of Physics, School of Physical Sciences

- Department of Physics, School of Physical Sciences organized a semi virtual national conference on “Nano Material for energy and Advanced Technologies (NEAT), March 25-26, 2021. Dr. Parveen Kumar was the organizing head for this conference.
- Dr. Natasha Awasthi delivered a talk in “INTERNATIONAL CONFERENCE ON SCIENCE AND COMPUTING (ICSC 2021)” Paper Entitled: Study of Correlated Markov noise channels and its effect on Quantum Speed Limit. 23rd-24th Jan 2021.
- Dr. Surbhi Sachdev, Dr. Manoj Bhatnagar, Dr. Ravi Shukla, Dr. Samta Manori, Dr. Vishakha Kaushik, Dr. Natasha Awasthi attended a semi virtual national conference on “Nano Material for energy and Advanced Technologies (NEAT), March 25-26, 2021.
- N. Awasthi, D.K Joshi, Surbhi Sachdev “Investigating Effect of Universal Quantum Uncertainty Relation of Fermionic Model with non-ergodicity”, on 8th International Virtual Congress 2021, MP India, 5-10 August 2021. ISBN:978-93-89817-52-2
- Dr. Surbhi Sachdev attended a short-term course on Green Energy Sources and Clean Technologies organized by NITTTR, Chandigarh from 07.06.2021 to 11.06.2021.
- Dr. Parveen Kumar attended Faculty Development Programs on Energy Harvesting Materials & Devices Energy Storage Materials and Devices, Green Energy Sources and Clean Technologies, Quantum and Energy

Materials: Potential and Applications, Multifunctional Nanomaterials and Characterization organised by National Institute of Technical Teachers Training and Research, NITTTR, Chandigarh during May and June 2021.

- Dr. Natasha Awasthi attended Faculty Development Program on Soft Computing and Data Science organised by ICFAI University Jaipur, from 1-06-2021 to 5-06-2021.
- Dr. Natasha Awasthi attended 18th International Conference on QPL (Quantum Physics and Logic) organised by Gdansk Poland from 7-06-2021 to 11-06-2021.
- Dr. Natasha Awasthi attended International Conference on Innovations in Smart Technology, Advanced Materials and Communication Engineering (ISTAMCE 2021), organised by Amity University, M.P on 9-06-2021.
- Dr. Natasha Awasthi attended Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “Quantum Computing” organised by Birla Institute of Technology Mesra from 21-06-2021 to 25-06-2021.
- Dr. Natasha Awasthi presented poster on International Virtual Conference On Computational Mathematic organised by Department of Mathematics PPG College of Arts and Science, Coimbatore, from 24-06-2021 to 25-06-2021.
- Dr. Samta Manori Participated in Short Term Training Program on “Emerging Nanoscale Devices, Circuits and Its Applications (NANODC-21)”, organized by Department of Electronics &

Communication Engineering, Delhi Technological University, Delhi, India (Virtual mode) from 10-05-2021 to 14-05- 2021.

- Dr. Samta Manori Participated in the Online AICTE Recognized Faculty Development Programme on “Quantum and Energy Materials: Potential and Applications” and “Multifunctional Nanomaterials and Characterization” organized by NITTTR Chandigarh from 14-06-2021 to 18-06-2021 and from 21-06-2021 to 25-06- 2021.
- Dr. Vishakha Kaushik Participated in the National Webinar on Energy Efficient Innovations & applications organized by Department of Physics, Maitreyi College (NAAC ACCREDITED ‘A’ GRADE) university of Delhi on 30-06-2021.
- Dr. Vishakha Kaushik presented a paper in the Virtual International Conference on Hierarchically Structured Materials – 2021, organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 8-04-2021 to 10-04-2021.
- Dr. Ravi K. Shukla attended a webinar on Meet the editor online: new journal of chemistry organized by Royal Society of Chemistry Landon UK on 22-04-2021
- Dr. Ravi K. Shukla attended a webinar on ACS Science Talk Virtual series: Dye-Sensitized Electron Transfer ACS and Science Talk Virtual series: Redox-active polymers for energy storage, ACS Science Talk Virtual series catalysis organized by American Chemical Society, USA on during April and May 2021.
- Dr. Ravi K. Shukla participated and attended a Faculty Orientation program one-month organized by Teaching Learning Centre, Ramanujan College University of Delhi from 16-05-2021 to 15-05-2021.

- Dr. Ravi K. Shukla participated and attended a refresher course/ faculty development programme on “Research Methodology and Data Analysis” organized by Teaching Learning Centre, Ramanujan College University of Delhi from 17-05-2021 to 31-05-2021
- Dr. Ravi K. Shukla attended a Faculty Development Programme on Education is “Holistic and Multidisciplinary” organized by IUCEE MISSION from 7-06-2021 to 16-7-202.
- Dr. Vishakha Kaushik attended a FDP on “Nano-Sensors” organized by All INDIA COUNCIL FOR TECHNICAL EDUCATION on 5th July to 9th July 2021.
- Dr. Vishakha Kaushik attended a workshop on “XRD instrumentation, Analysis, Interpretation of spectra and applications” organized by B. K. Birla College of Arts, Science & Commerce, Kalyan on 28th August 2021.

Faculty Of Chemistry

- Faculty of Department of Chemistry organizes a one week “Faculty Development Programme & International Workshop” from 26-07-2021 to 31-07-2021 on “New Trends in the field of Chemistry, Environment and Education policy (NTFCEP-2021)”.
- Dr. Suheel Porwal and his research scholars Ms. Priyanka Agarwal and Ms. Sapna Chaudhary received Research Incentive award from DIT University Dehradun. Dr. Suheel Porwal and his research scholar Ms. Priyanka Agarwal presented research work orally in ACS – 25th Annual Green Chemistry & Engineering Conference (GC&E 2021) on “Waste vegetable oil-derived sustainable green multifunctional copolymeric

additives in lubricant formulation” in the Session: Food & Circular Economy: Improving the Sustainability of Waste Stream Valorization Products on June 14-18, 2021

- Dr. Suheel Porwal Successfully completed a three week “Faculty Development Programme on Online Teaching Platform and Tools as Inspiring Faculty Program” organized by HARAPPA Team comprising the following courses commence on June 28, 2021
- Dr. Naveen Singhal received Research Incentive award from DIT University Dehradun.
- Dr. Jabrinder Singh received a Research Incentive award along with Long Service Award from DIT University Dehradun.

School of Liberal Arts and Management

- Department of Liberal Arts Management had organized an online workshop for students of MBA on 19th April 2021 on PROWESS IQ DATABASE. The expert talk was given by Mr. Sudarshan Negi, Business Relationship Manager, Centre for Monitoring Indian Economy Pvt. Ltd.
- Dr. Monica Srivastava took the charge of HOD Humanities Department (School of Liberal arts and Management)
- Professor Ram edited a book entitled Evidence-based Perspective on the Psychophysiology of Yoga and its Applications.
- Dr. Kiran Badoni Mamgain published a chapter entitled National Education Policy 2020 and Mother Tongue as a Medium of Instruction: An Analysis on the book New Education Policy Meeting goes of 21st C Education with ISBN no- 9789391908188.
- Dr. Sakshi published a chapter A Diasporic Study of Chimamanda Ngozi Adichie’s Americanah on the book Revisiting Ecology, Culture, Myth, Gender and Diaspora in Literature with ISBN no 9788195363998.

- Dr. Deepesh Thakur published a chapter entitled A Contemporary Approach in Indian Diasporic Literature and English Language Teaching on the book Revisiting Ecology, Culture, Myth, Gender and Diaspora with ISBN no-9788195363998.
- School of Liberal Arts and Management celebrated World Mental Health Day on 10th October 2021.

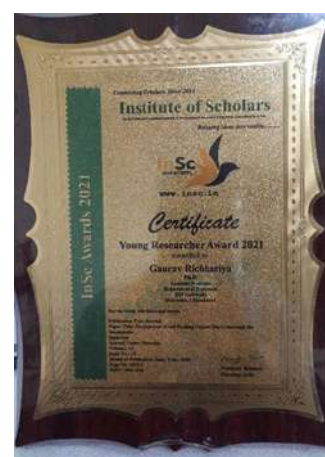
Department of Petroleum & Energy Studies

- Mr. Gaurav Richhariya, Mr. Gopal Kumar and Mr. Rakesh Pandey have been awarded the certificate of appreciation for excellence in research for the academic year 2020-21 on 05th Sept. 2021 at DIT University.
- Mr. Gaurav Richhariya has been awarded “Young Researcher Award 2021” by Institute of Scholars
- Mr. Gaurav Richhariya has been awarded the “young scientist award” at young scientist conclave, Dehradun international science & technology festival.
- Mr. Gopal Kumar and Mr. Gaurav Richhariya has received certificate of completion for Innovation Ambassador training (Foundation Level) conducted by MoE’s Innovation Cell & AICTE during the period from 30th June – 30th July 2021.



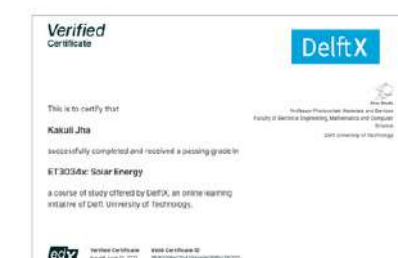
Students:

- Mr. Farhan Haidar participated in organizing “Start-up Show” during NAAC team visit on 11th Feb to 13th Feb 2021.
- Miss Shivangi Sharma Awarded course completion certificate by Coursera for successfully completing a course on “Getting started with essay writing” offered by University of California, Irvine.
- Mr. Lakshay Gupta Awarded course completion certificate by Coding Ninjas for successfully completing a course on “NASSCOM PYTHON” from December 2020 to March 2021.
- Miss Kakuli Jha Awarded course completion certificate by edX for successfully completing a course on “ET3034x: Solar Energy” offered by Delft University of Technology, Netherlands.
- Mr. Vishal Singh Awarded course completion certificate by edX for successfully completing a course on “PY0101EN: Python Basic for Data Science” offered by IBM.
- Mr. Vansaj Mathur Awarded course completion certificate by edX for successfully completing a course on “PY0101EN: Python Basic for Data Science” offered by IBM.



Department of Pharmacy

- Dr. Neeraj Kr. Sethiya delivered expert talk on “Entrepreneurship Development Phase” at LNCT College of Pharmacy, Bhopal on 25th January 2021.
- Dr. Neeraj Kr. Sethiya delivered expert talk on “Innovation, Start-up, and Entrepreneurship in Higher Education: A way ahead to flourish Self-Reliant India Mission” at Sushant University, Gurugram on 26th March 2021.
- Dr. Havagiray R. Chitme attended DBT-Skill Vigyan Program on 25th February, 2021 in UCOST, Dehradun
- Dr. Havagiray R. Chitme attended DBT-Skill Vigyan Program on 25th February, 2021 in UCOST, Dehradun
- Dr. Havagiray R. Chitme attended NAAC Assessors training programme regarding Peer Team Visit Virtual Meeting on 17.03.2021 at 12.00 PM to 01.00 PM.
- Participated as a Chairperson at the two days virtual International Conference on “Stem cells and regenerative medicine- academic and industrial outlooks” (SCRM-AIO-2021) during March 19-20, 2021 organized



by the Department of Stem cell and Regenerative medicine, Centre for Interdisciplinary Research, D.Y. Patil Education Society, (Institution Deemed to be University), Kolhapur, Maharashtra, India-416006.

- Bhavna, actively participated in UGC STRIDE Workshop on “MOLECULAR PHYLOGENY AND MOLECULAR DOCKING” held from 19th January, 2021 to 27th January, 2021 at the Mizoram University, Aizawl.
- Dr. Amit kr. Keshari successfully completed the sessions and attended lectures of Faculty Development Programme (FDP) during Drug Discovery & Design in 21st Century in Drug Engineering jointly organised by Netaji Subhas University of Technology, and AICTE Training and Learning (ATAL) Academy, Delhi from 5th–9th July, 2021.
- Dr. Ashok Behera successfully completed the sessions and attended lectures of Faculty Development Programme (FDP) during Drug Discovery & Design in 21st Century in Drug Engineering jointly organised by Netaji Subhas University of Technology, and AICTE Training and Learning (ATAL) Academy, Delhi from 5th–9th July, 2021.
- Dr. Ashok Behera successfully completed the sessions and attended lectures of Faculty Development Programme (FDP) during Drug Discovery & Design in 21st Century in Drug Engineering jointly organised by Netaji Subhas University of Technology, and AICTE Training and Learning (ATAL) Academy, Delhi from 5th–9th July, 2021.
- Dr. Jagannath Sahoo, AICTE sponsored QIP-2021 on a topic relevant to the theme “Application of Machine Learning in Drug Discovery & Development”, 05.06.2021. Host Institute: Birla Institute of Technology, Ranchi (Division of Pharmaceutical Chemistry)
- Dr. JagannathSahoo, attended All India Council for Technical

Education (AICTE), New Delhi, Sponsored two-week online faculty development Programme (FDP) entitled “Emerging Trends in Drug Design and Development”, 24/04/2021. Host Institute: Roland Institute of Pharmaceutical Sciences, Berhampur (Odisha).

- Dr. JagannathSahoo, attended “Writing a good Research Paper”, 18/06/2021Mandeep Kr. Arora attended 21 Days Faculty Development Programme on Online Teaching Platforms and Tools organized by Scrollwell (June 01st– 21st, 2021). Also participated in Webinar on Understanding pharmacology and therapeutics of COVID-19 on 10th May 2021.Dr. Mandeep Kr. Arora attended Webinar on Lean Startup and Minimum Viable Product on 21st May 2021. He also attended Webinar on Role of Pharmacists in immunization on 2nd June 2021. He attended the Webinar on Mucormycosis (Black Fungus) prevention and treatment for post-COVID-19 patients on 9th June 2021. He also participated in two Days National conference on “Natural Products on Human Health- Opportunities and Challenges in the present Scenario”, from 9th –10th April 2021.
- Mrs. RituTomar attended Understanding pharmacology and therapeutics of COVID-19 on 10th May 2021 as well as Role of Pharmacists in immunization on 2 nd June 2021. She also attended Mucor mycosis (Black Fungus) prevention and treatment for post-COVID-19 patients on 9 th June 2021.
- Mrs. RituTomar attended two Days National conference on & quot; Natural Products on Human Health- Opportunities and Challenges in the present Scenario & quot;; from 9th –10th April 2021. She has participated in International Virtual Symposium on “Roles of

Pharmacists in Immunization” organized by Faculty of Pharmacy, DIT University, Dehradun on 2nd June 2021.

- Dr. Neeraj kr. Sethiya attended Panel Discussion on Vaccination and Pharmacist organized by Faculty of Pharmacy, DIT University, Dehradun on 14th May 2021.
- Dr. Neeraj kr. Sethiya participated in Virtual Symposium on IPR entitled as “Taking your Ideas to Market organized by IPR Cell, CIIES, DIT University, Dehradun on 26th April 2021.
- Dr. Neeraj kr. Sethiya delivered invited talk on Innovation, Startup, and Entrepreneurship in Higher Education: A way ahead to flourish self-reliant India at Oriental College of Pharmacy, Bhopal on 27th May 2021.
- Mr. Rahul Tiwari attended two Days National Conference on “Natural Products on Human Health- Opportunities and Challenges in the present Scenario” scheduled on April 9-10, 2021.
- Mr. Rahul Tiwari attended AICTE Sponsored ATAL Faculty Development Program (FDP) on Drug Disposition: An Important Factor in Drug Engineering from June 1-5, 2021 organized by Bombay College of Pharmacy.
- Dr. Amit kr. Kesari attended webinar on Publication Ethics And Research In Neuroscience on 17th June 2021, HPTLC technique on 15th June 2021, Mucormycosis (Black Fungus) prevention and treatment for post-COVID-19 patients” on 9th June 2021, Role of Pharmacists in immunization on 2nd June 2021, Vaccination and Pharmacists on 14 May 2021, Clinical Research – An Expert Talk on 12 May 2021, Understanding Pharmacology and Therapeutics of COVID-19 on 10th May 2021 as well as One Day Virtual National Seminar on IPR, 26th April

2021.

- Dr. Nisha Sharma attended webinar Publication Ethics And Research In Neuroscience on 17th June 2021, HPTLC technique on 15th June 2021, (Black Fungus) prevention and treatment for post-COVID-19 patients” on 9th June 2021, Vaccination and Pharmacists on 14 May 2021.
- Dr. Nisha Sharma attended National Seminar on IPR, 26th April 2021.
- Samir Bhargava presented Poster R1230-404 presented at National Biotechnology Conference 17-20 May 2021 (Hosted by American Association of Pharmaceutical Scientists, USA) – Bhargava S; Madhav NVS; Ahmad Y., Cyclosporine Loaded Nanoemulsions Using Biolipids from Neem Oil – 20 May 2021 (May 20, 2021 | 12:30pm-1:30pm ET – LIVE Special Poster Collection 4.... AAPS ePoster Library. Vick A. May 21 2021; 321235)
- TEQIP-III Sponsored Four-Day Webinar on Functional Materials for Emerging Technology (FMET-2021) 2nd – 5th March, 2021.
- AICTE sponsored Short Term Training Programme Organized by COP-BELA from 15th –20th March, 2021. Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial college of pharmacy BELA (Ropar) Punjab 140 III.
- Dr. Bhavna Participated in Winter School on “Artificial Intellegence in Healthcare “ , 4th-8th Jan2021, organized by Faculty of Pharmacy, DIT University. She got Certificate of Completion, two week online “Patent Course”, Organized by Turnip Innovations, 27th Feb. –13th March 2021 , also in , one day Virtual seminar on “THEME: IP SMEs: Taking your Ideas to Market” 26th April 2021, organized by Faculty of Pharmacy, DIT University with In Collaboration with Faculty of Pharmacy, Krishna Institute of Medical Sciences University, Karad, Maharashtra

University Institute of Pharmacy, CSJM University, Kanpur, UP, as well as in “Understanding Pharmacology and Therapeutics of COVID-19” 10th May 2021, organized by Faculty of Pharmacy, DIT University in collaboration with DPSRU, New Delhi. She has also done Lecture series “Advances in Pharmacological Research” 3rd April 2021, organized by NIMS institute of Pharmacy & Alwar Pharmacy College Alwar, INDIA . She also participated in Virtual International Symposium “ Role of Pharmacists in Immunization” 2nd June 2021, organized by Faculty of Pharmacy, DIT University , “Mucormycosis (Black Fungus) prevention and treatment for post-COVID-19 patients” 9th June 2021, organized by Faculty of Pharmacy, DIT University in collaboration with IPA- DSB New Delhi. She has attended Webinar on “Publication Ethics and Research in Neuroscience” 17th June 2021, organized by Faculty of Pharmacy, DIT University. Dr. Bhavna Participated in AICTE sponsored short term training Program (STTP), on “Molecular Neuroscience: From Cells to circulate in Health Disease”, 24th-29th May 2021, organized by Seven Hills , College of Pharmacy, Tirupati as well as in the e-conference and presented Oral Lecture on “Role of natural Polymer as Carrier System for targeted cognitive disorders”, in APA Bioforum International Conference on POLYMERIC BIOMATERIALS AND BIOENGINEERING, 27-28th Aug., 2021.

- Dr. Dhiodatta Senapati attended a webinar on Vaccination and Pharmacist, organized by Department of Pharmacy, DIT University.
- Chaired, scientific session of Dr. Garima Panwar on a talk ‘Open innovation and role of IPR management in SMEs’ National Virtual Seminar on IPR, April, 26th 2021.
- Dr. Dhiodatta Senapati attended an International seminar on “Role

of Pharmacists In Immunisation” 2nd June 2021, organized by Faculty of Pharmacy, DIT University. Dr. Manmohan Singhal attended – AICTE sponsored one-week short term training Programme on “Approaches to teaching and self-efficacy beliefs” from 17 May-22 May 2021 organised by Columbia Institute of Pharmacy, Raipur, AICTE sponsored 1 week STTP on Computer Aided Drug Designing from 10 May to 15 May 2021 organised by COP-Bela, Winter School on Artificial intelligence in Healthcare from 4 January to 8 January 2021 organised by DITU, International Virtual Symposium on Role of Pharmacists in Immunization on 2 June 2021 organised by Faculty of Pharmacy DIT University, Dehradun, Workshop series-1 on Product Development Approaches on 19 February 2021 organised by DITU, Workshop on HPTLC:

- Technique and Applications on June 15 2021 organised by Anchrom Enterprises (I) Pvt. Ltd. Mumbai & DITU Dehradun, Webinar on Understanding Pharmacology and Therapeutics of COVID-19 on 10 May 2021 organised by DIT University & DIPSA, Webinar on Career in Clinical Research on 12 May 2021 organised by DITU & ICRI, Webinar on Stress Management and Immunity Boosting Session on 7 May 2021 organised by DITU, Webinar on Publication Ethics & Research in Neuroscience on 17 June 2021 organised by FOP, DITU, Panel Discussion on “Mucormycosis (Black Fungus) prevention and treatment for post-COVID-19 patients” on 9th June, 2021 Organised by – Faculty of Pharmacy, DIT University, Dehradun and Six-month MOOC on Cancer fundamentals organised by Indian Cancer Society & University of Delhi under ministry of Education from January to June 2021.
- Dr. Manmohan Singhal, participated in AICTE Training And Learning

(ATAL) Academy Online Elementary FDP on “Drug Discovery & Design in 21st Century” from 2021-7-5 to 2021-7-9 at Netaji Subhas University of Technology. He also attended two weeks comprehensive online patent information course organised by turnip innovations Mumbai from 26th February to 12 March 2021. He attended The Accreditation Council for Medical Affairs (ACMA) sponsored educational activity titled Diversity in Clinical trials on 08/01/2021.

- Dr. Rajeev Kr. Sharma attended webinar entitled Pharmacist meeting the burning challenges of covid 19 by Farooqia College of Pharmacy.
- Dr. Rajeev Kr. Sharma attended webinar on Understanding Pharmacology and Therapeutics of Covid-19 conducted by DIT University on 10th May 2021.
- Dr. Rajeev Kr. Sharma attended 3 days FDP Programme on QbD in Formulation development and IPR: Overview organised by Krishna Teja Pharmacy College from 15th to 17th June 2021

Creative Work And Performances

- Dr. Dhiodatta Senapati organising journal club among PhD students to increase their presentation and scientific skills.
- Dr. Rajeev Kr. Sharma organized Awareness on Quit Tobacco on 31st May 2021 and Awareness on Tuberculosis day on 24 march 2021.

Organization of National/ International Conferences/ Meetings/ Workshops

- Dr. Havagiray R. Chitme organized Panel Discussion on “IP Valuation and Licensing Techniques”, 10th March 1.30pm in Collaboration with ASSOCHAM Intellectual Property Talent Search Examination.
- Dr. Neeraj Kr. Sethiya organized three days “Entrepreneurship Awareness Camp” from 4th March 2021 to 6th March 2021 at Govt. Polytechnic College Amwala including 1-day Industrial tour to student. The program was supported by EDII, Gandhinagar, Govt. of India. Dr. Neeraj Kr. Sethiya Organized and moderated session on Building an Innovation/ Product fit for Market on 28th May 2021 by CIIES, DIT University, Dehradun. He moderated Orientation Session by Innovation Ambassador on 25th June 2021 by CIIES, as well as on “HPTLC Techniques and Application” jointly organized by Faculty of Pharmacy, DIT University and Anchrom Enterprises Pvt. Ltd on 15th June 2021
- Dr. Arvind Gulbake organized Workshop series 1 as a Coordinator on “Product development approaches” on 19 Feb 2021 at FOP, DIT University.
- Management of COVID-19 with Ayush System on 12th June, 2021 ·
- Lungs-Heart-Brain Interplay during and after COVID 19 infections, on 19th June 2021.
- Virtual International Symposium “Role of Pharmacists in Immunization” 2nd June 2021, organized by Faculty of Pharmacy, DIT University.
- Samir Bhargava coordinated Technically the Following Webinars-

- Creation of Awareness for Webinar – Distributing the Registration Form Nationally and Internationally, Training of Speakers on TEAMS for Sharing while being LIVE and Distribution of Feed Back and Certificates to all Participants.

Membership of Professional Boards/ Committees (outside DIT University), Refereeing for Journals/Conferences/Projects

- Dr. Neeraj Kr. Sethiya received International Honorary Membership from Asian Council of Science Editors (ACSE) from 1st January 2021.
- Dr. Nisha Sharma received membership of (European Renal Association – European Dialysis and Transplant Association) ERA-EDTA conference as well as membership of Indian Pharma Education Society [IPES]

Awards/ Honors/ Fellowships

- Dr. Neeraj Kr. Sethiya recognized as Innovation Ambassador from Innovation Cell, Ministry of Education, Govt of India from 16/02/2021 and received certification as Certified Publons Academy Supervisor on 28th March 2021.
- Dr. Manmohan Singhal received Excellence in Research of the Year-2021 by Honorable CM Uttarakhand Shri Pushkar Singh Dhami, organized by Divyahimgiri, UTU, UCOST, and SSDAT.

Other Achievements

- Dr. Manmohan Singhal completed the SWAYAM MOOC ARPIT course for career advancement scheme promotion online refresher course in Pharmacy for higher education on 20/01/2021.
- Dr. Bhavna, Awarded Certificate of Excellence, for presenting a Scientific paper on “Nose to brain delivery of an anti-diabetic agent for the treatment of neurodegenerative disorders” as a speaker of the scientific session of “3rd World Congress on Drug discovery and Development 2021”, held on 21st Feb 2021, Virtually from Biogenesis Health Cluster, Bengaluru, 2021.

Department of Mathematics

- Dr. Dheeraj Kumar Joshi delivered a talk in “INTERNATIONAL CONFERENCE ON SCIENCE AND COMPUTING (ICSC 2021)” Paper Entitled: Hesitant Probabilistic Fuzzy Set Based MCDM Method with Applications in Portfolio Selection Process. 23rd-24th Jan 2021.
- Vinod K. Gupta delivered talk in a webinar on “Applications of Fluid Dynamics” on August 04, 2021 at Parul University, Vadodara.
- Dr. Fateh Singh Co-Chaired a Scientific Session during One Day Virtual National Seminar on “Intellectual Property Rights” Organized by IPR Cell, CIIES, DIT University Dehradun on 26 April, 2021.
- Dr. Fateh Singh attended 2 days online workshop on “Statistical techniques using software-2021” (STUS -2021) organized by Department of Mathematics, DIT University Dehradun during January

19-20, 2021 .

- Dr. Fateh Singh participated in One Day Virtual National Seminar on IPR “Taking your Ideas to Market” organized by IPR Cell, CIIES, DIT University Dehradun on 26 April 2021.
- Dr. Fateh Singh attended a Panel Discussion on “vaccination and Pharmacists” organized by Faculty of Pharmacy, DIT University Dehradun on 14 May 2021.
- Dr. Fateh Singh attended digital modules of “Genes to Pathways” organized by D’code Life during August 2-17, 2021.
- Dr. Fateh Singh attended a Panel Discussion on “Mucormycosis (Black Fungus) prevention and treatment for post -COVID-19 patients” organized by Faculty of Pharmacy, DIT University Dehradun on 9 June 2021.
- Dr. Pooja S Saxena attended Workshop on “Statistical Techniques using Software” during 19th -20th Jan 2021.
- Dr. Pooja S Saxena attended Webinar on “Analyzing the knowledge of students & Structural design: R & D Model approach on education” and “Role of deep learning in Multimedia” on 30th Jan 2021,
- Dr. Pooja S Saxena attended Webinar on “Strategic Research platform in Competitive world” on 31st Jan 2021.
- Dr. Pooja S Saxena attended Webinar on “Empowering Diversity in Science” on 9th Feb. 2021
- Dr. Pooja S Saxena attended Faculty Development Program on “NEP 2020: Impetus for Life Skills and Holistic Development” from 1st - 5th March 2021.
- Dr. Shilpi Singhal attended 2 days online workshop on Statistical

techniques using software ‘21 (STUS ‘21) 19-20 Jan 2021,

- Dr. Shilpi Singhal attended One Week Online Faculty Development Program on “NEP 2020: Impetus for Life Skills and Holistic Development” TLC, Central University of Rajasthan, 1st - 5th March, 2021.
- Dr. Shilpi Singhal attended International webinar on Recent Developments in modified Gravity and cosmology during 9th -11th March 2021.
- Vinod K. Gupta attended FDP ON Soft Computing and Data Science, ICFAI University Jaipur, from—5 June 2021.
- Dr. Naresh M Chadha reviewed a paper for Elsevier of “Thermal Properties, Super statistics, Expectation Values and Eigen-Solutions to Schrödinger Equation Using Coulomb plus Screened Exponential Hyperbolic Potential of Applied Mathematics & Computation” (AMC-D-21- 00285), Mar 2021. 21-00285), March 2021 as well on “Nth-order rogue wave solution of multicomponent nonlinear Schrödinger equations of Applied Mathematics & Computation” (AMC-D-20-06735), Feb 2021.
- Dr. Dheeraj Kumar Joshi reviewed a paper for Egyptian Informatics Journal, [I.F. 3.119], Feb 2021.

Department of Civil Engineering

- Dr. Rana Acharyya has been awarded for “Recognized Reviewer for The Journal of Scientific Reports” by Nature on 31.12.2021.

Department of Electrical and Electronics

- Department of EECE organized a Webinar on 'Scope of Electronics & Communication Engineering in building Trillion Dollar Digital Economy for India' on 20th July 2021. and a Webinar on 'Increasing scope of Electrical Engineering- Wirelines leading to Lifelines' on 31st July, 2021.
- Department of EECE organized a webinar on "SDR and its software aspects (Software Communications Architecture)" in collaboration with DEAL DRDO Dehradun on 3rd Sept. 2021 the speaker was Sh. Satendra Kumar Yadav, Sc-G, DEAL DRDO Dehradun.
- Department of EECE organized an exhibition "Indigenous products exhibition /display by DEAL DRDO in collaboration with IETE- SF DITU on 27th Sept. 2021.
- Department of EECE organized a webinar on "Digital Troposcatter Communication System" in collaboration with DEAL DRDO Dehradun on 24th Sep 2021, Speaker: Dr. Rajendra Singh, Sc-F, DEAL DRDO Dehradun.
- Dr. Sonika Singh was awarded by The Academic Council of uLektz as one of the India's Top 50 Women Leaders in the Education Industry for the year 2021. She was also appointed as Observer for NIELIT OABC Level Theory Exam of July 2021 Exam held on 16th-17th Sept 2021 at Government Polytechnic, Pitthuwala, Dehradun.
- Dr. Santosh Kumar Delivered a Keynote talk in International Conference on VLSI and Microwave and Wireless Technologies (ICVMWT-2021) held at Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur (Uttar Pradesh), India 20th -21st March 2021. He also

Delivered a Keynote talk in National Conference - NEAT-2021 held at DIT University, India during March 2021. He was elected as Chair-Elect of OSA Optical Biosensors Technical Group on March 2021 [Optical Society of America, USA] and reviewed 100 International SCI Journals of IEEE, Elsevier, OSA, SPIE, Nature, etc, during Jan. - March, 2021. <https://publons.com/researcher/1235205/santosh-kumar/metrics/>

- Dr. Kuldeep Choudhary reviewed 1 International SCI Journals of IEEE during Jan. - March, 2021. He was also a Session Co-Chair: Dr. Kuldeep Choudhary Co-Chaired a Scientific Session during "One Day Virtual National Seminar on Intellectual Property Rights" held on 26th April, 2021 and Organized by IPR Cell, CIIES, DIT University, Dehradun, THEME: IP & SMEs: Taking your ideas to market.
- Dr. Gaurav Dhiman has chaired a session in the 2nd IEEE International Conference of Emerging Technology (INCET 2021) during 21st to 23rd May 2021.
- Dr. Abhinandan Routray reviewed 5 International SCI Journal during April-June 2021.
- Dr. Nafees Ahamad received Excellence in Research award. A certificate of appreciation for valuable contribution in research was awarded by DIT University, Dehradun, India, Sep 5, 2021.
- Dr. Brajlata Chauhan was "Exemplary Leadership award 2021" on the Teachers Day 5th Sept. 2021. She also received "Teacher of the year award 2021" by Honourable Chief Minister Pushkar Singh Dhami in 4th felicitation of Teacher Day on 5th Sept. 2021 at UTU Dehradun. She also got "Best program coordinator" award By NSS council DITU on 24th Sept. 2021

Events conducted by ICEIT-DITU Organizational Membership:

Circuit making competition:

- The event was organized for ECE and EE 2nd year students on 29th November 2021. The objective of this event was to explore the practical approach of the theoretical concepts in the students. The students prepared circuits covering the Analog Electronics, Digital Electronics, Circuit theory, Electrical Machine, Transducer domains. Panel Members were Dr. Sonika Singh, Dr. Dhruva Choudhary, Dr. Kuldeep Choudhary, Mr. Saurabh Mishra. The winners of the events were: Mr. Anubhav Shukla, Mr. Gladson Thomas and Mr. Adil Khan.



Technical Quiz competition :

- A technical quiz competition was conducted by ICEIT-DITY Organizational Membership on 22nd November, 2021 in online mode for ECE and EE 3rd year and 4th year students. More than 40 students participated in the event.

School of Architecture and Design

Conferences/ Workshops:

- School of Architecture and Design, DIT University, Dehradun, India, organised a one day Faculty Development Program on "Research in Design Fields" on Wednesday, July 20, 2021.
- The eminent speakers discussed on diverse topics like conduction of resarch and publication, ethics in publication, selection of topics, methods of conducting research, relevent topics and contemporary trends in research pedagogy in the domain of Architecture & Design Fields. It was a very engaging and interactive event with one on one discussion of the experts and the faculties.
- School of Architecture and Design, DIT University, Dehradun, India, organised National Symposium on "Implacements of NEP 2020 in Architecture & Design Education" on 22nd July 2021.



In Design Fields, specially in Architectre which is a rigorous course with many requisite Core compulsory subjects, as per COS's guidelines NEP's recommendations to add subjects such as languages and fine arts etc were addressed by the panel members.

The panel of experts were eminent personalities from academics as well as practice both in Architecture and Design fields.

- School of Architecture & Design, DIT University organized a webinar on 'Architecture & Design: Opportunities and Choices As Lucrative Career Options' on 8th June, 2021.

Director SoAD, Prof. Chhabi Mishra provided insights on Career opportunities in Architecture & Design.



Publication by Faculty:

A.Verma, Sanan.Verma, **"Post Covid-19 built environment: Architecture and town planning"** in International Conference on Vernacular Resource Genesis: Re-imagining and Re-designing built environment in the presence of COVID-19.

Shreya Giri, **"Impact of COVID-19 pandemic on pilgrim city: A case of Haridwar, Uttarakhand, India"** in International Conference on Vernacular Resource Genesis: Re-imagining and Re-designing built environment in the presence of COVID-19

Student Achievements:

GATE:



Deep Prakash Gupta

B.Arch 2016-21

GATE AIR 355

Score 52.33



Devang Singhal

B.Arch 2016-21

GATE AIR 1011

Score 45.33



Rachit Agrawal

B.Arch 2016-21

GATE AIR 1382

Score 42.67

Placements:

Five students from SoAD, DIT University (Batch 2016-21) were placed in Pinnacle Infotech Solutions.



B.ARCH THESIS:

B. Arch students worked on variety of thesis projects focusing on current issues in Architectural design. Because of the constant mentoring from faculty, students produced a great deal of work despite the COVID lockdown situation. Ar. SK Das (Principal and Head at SK Das associated Architects) and Prof. Ram Sateesh (Associate Professor, IIT Roorkee) were invited as external jurors. Both Jurors expressed their complete satisfaction with the work of students and appreciated the efforts of faculty members.

1. Residential School for tribal community by Kirtee Singh, Final year, B.Arch (Batch 2016-21).

The basic aim of the thesis is to help tribal children in India to give them better career opportunities and quality life.



2. Collective workspace for creative professionals, by Oshima Bhatia, Final year, B.Arch (Batch 2016-21).

The basic Idea is to design a co-working space where people can innovate their dreams, a platform to present and show by invention of something, not just creation but an 'innovation'.



STUDENTS' WORK:

First year B.Arch Student - Vanshika Kapoor has won second prize in

"Two-minute Tour Video Making Competition"

organized by Madhav Institute of technology & Science, Gwalior, Madhya Pradesh on 8

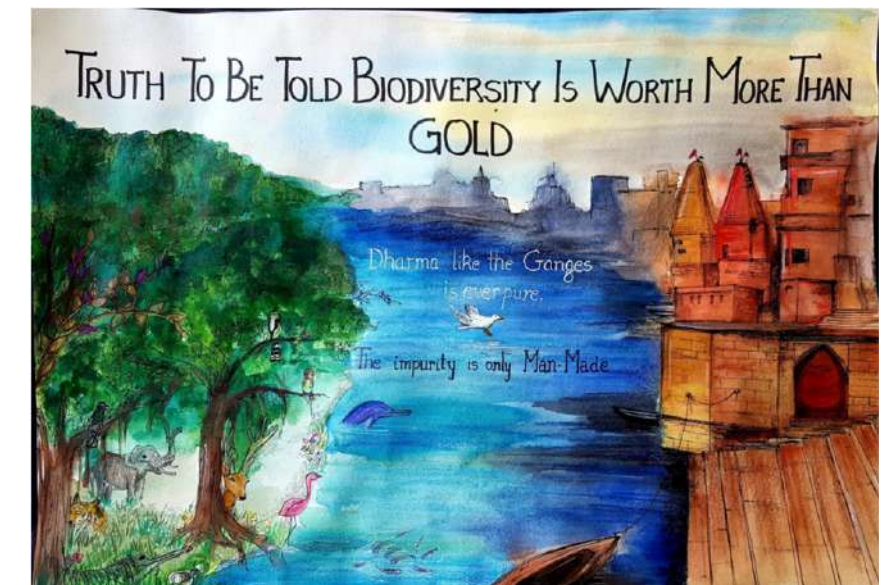
-Oct-2021. She has also cleared stage 1 of the

"Kalantar Annual Art Festival National competition for painting"

(Kalantar Art Trust is a non Profit Organization) on 5 -Dec-2021. The results for second stage are also awaited.



A Poster Design by First Year B.Arch, Vanshika Kapoor explaining the significance of Art in a person's life.



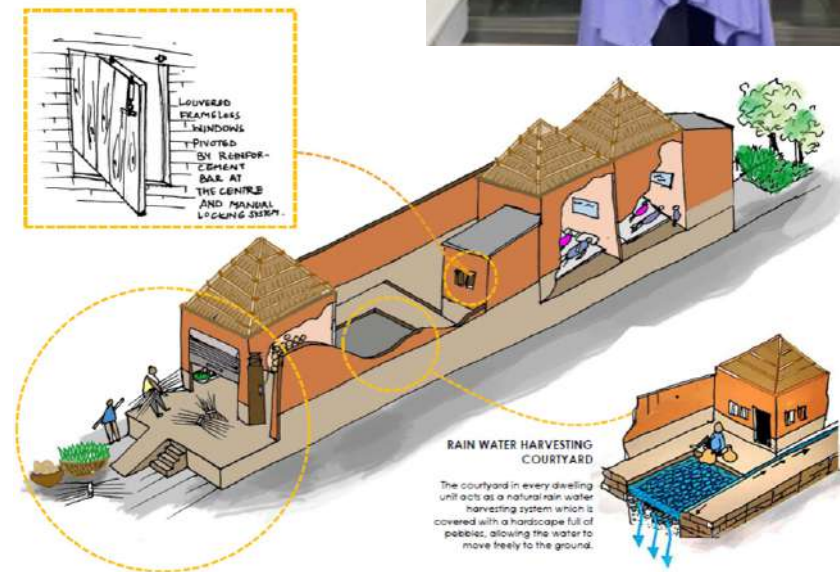
STUDENT ACTIVITY:

Jointly organized a Series of 4 Hands-on Workshops with the Department of Civil Engineering on Brick Bonds, RCC Roof, Truss Roof, Green Roof for students of architecture and civil engineering, Granted under the DITU Seed Money Project entitled “A comparative evaluation of roofing systems thermal performance in the composite climate of Dehradun” starting Friday, October 8th, 2021 at the Construction Yard, SoAD.



ALUMNI:

Ar. Chestha Khurana, Alumni of SOAD was recognized for the “Young Researcher’s Award 2021” for her research paper on “Vulnerability Assessment of Cyclone Affected Community, Puri, Kapateswar”, coauthored with SOAD Faculty, Meghna Chatterjee presented at IIT Delhi in the conference 5th World Congress on Disaster Management 2021. The Award ceremony will be held in February 2022.



OTHER INFORMATION ABOUT DEPARTMENT:

School of Architecture and Design, DIT University was Awarded 2nd Rank in the Category of Excellence by Global Human Resource Development Centre Pvt. Ltd, New Delhi Architecture Colleges Survey 2021.

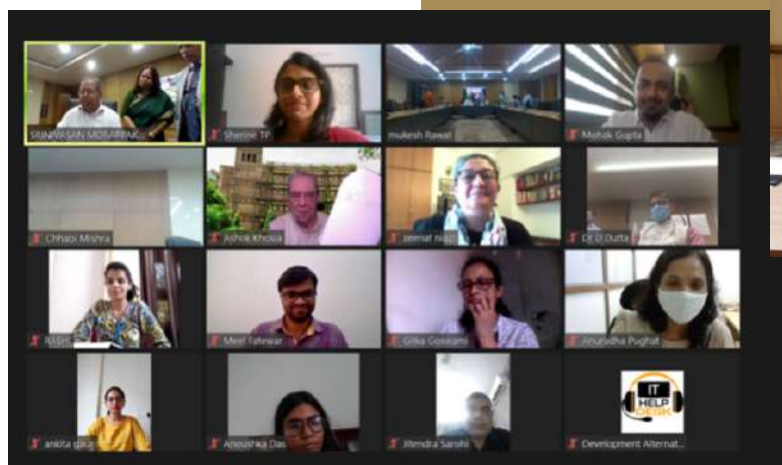


OTHER INFORMATION ABOUT DEPARTMENT:

School of Architecture and Design, DIT University is proud to share that Development Alternatives Group and the Dehradun Institute of Technology University have signed a Memorandum of Understanding for a strategic partnership towards setting up the Centre of Excellence for Resilient Human Settlements in the Western Himalayas at DIT University.

The MoU was signed by Shri N Ravi Shanker (Retd. IAS), Chancellor of DIT University and Dr. Ashok Khosla, Chairman of the DA Group in the presence of Dr. Debapriya Dutta, Head, Science for Equity Empowerment and Development (SEED) Division and Head, State S&T Programme (SSTP) Department of Science and Technology, Pro Vice Chancellor DIT University, Brigadier (Retired) Dr. M. Srinivasan, Prof. Chhabi Mishra, Director School of

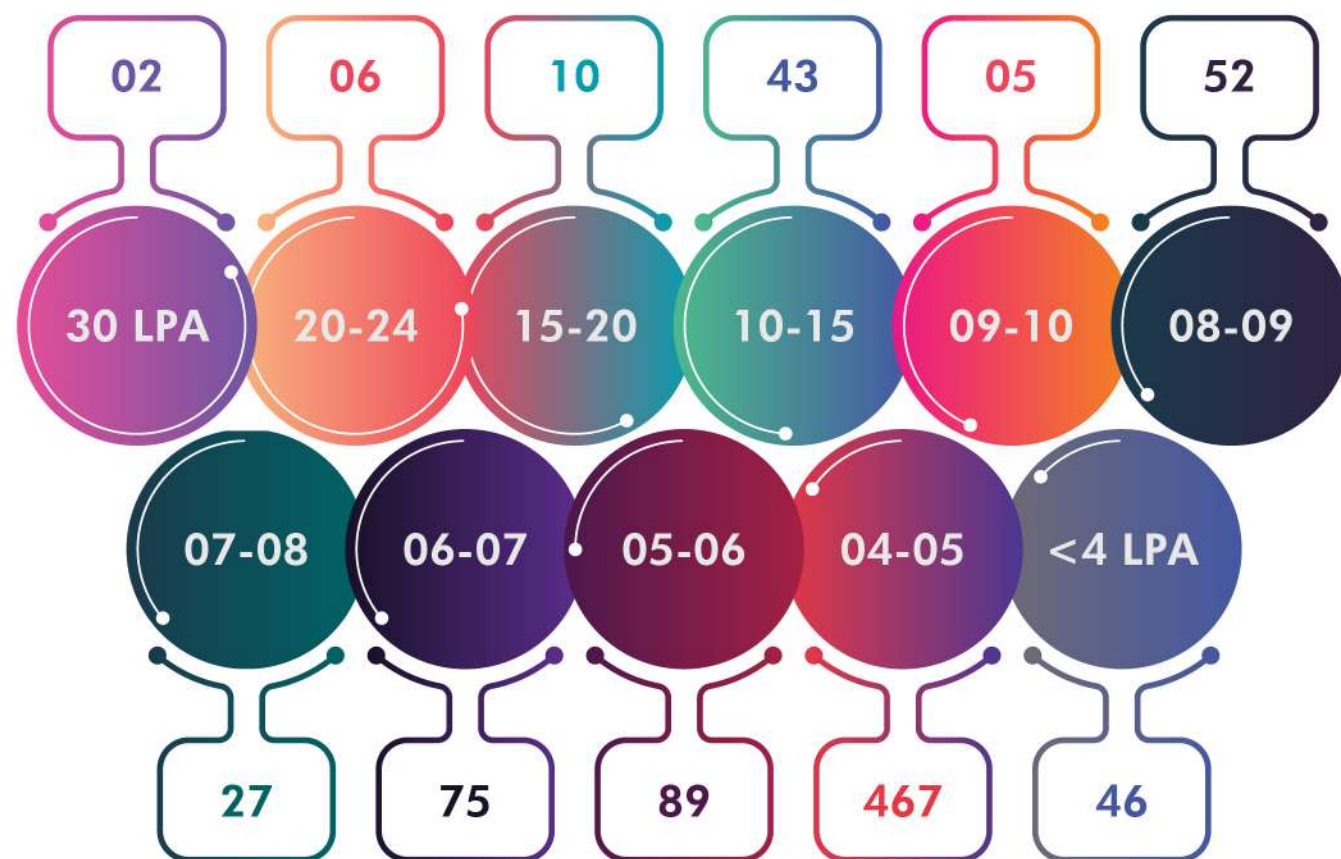
The primary objective of the Centre will be “to build knowledge and disseminate it for the purpose of ecological and economic resilience of people and fragile human settlements of the Western Himalayas.”



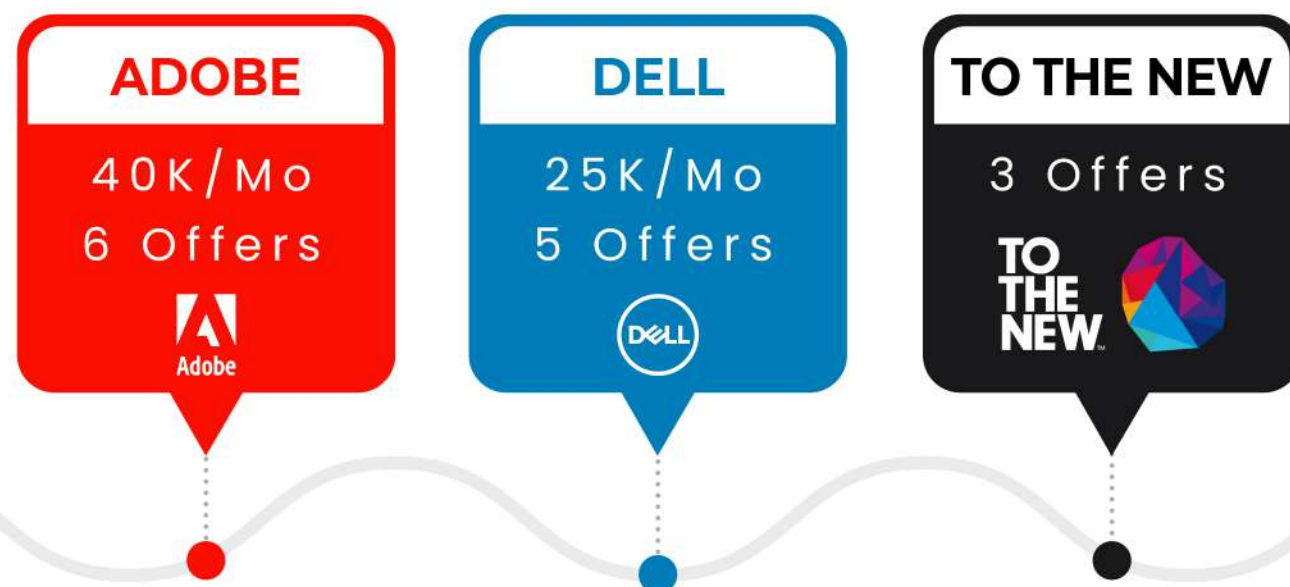
Placements

PLACEMENTS

Number of Packages Offered in Lakhs

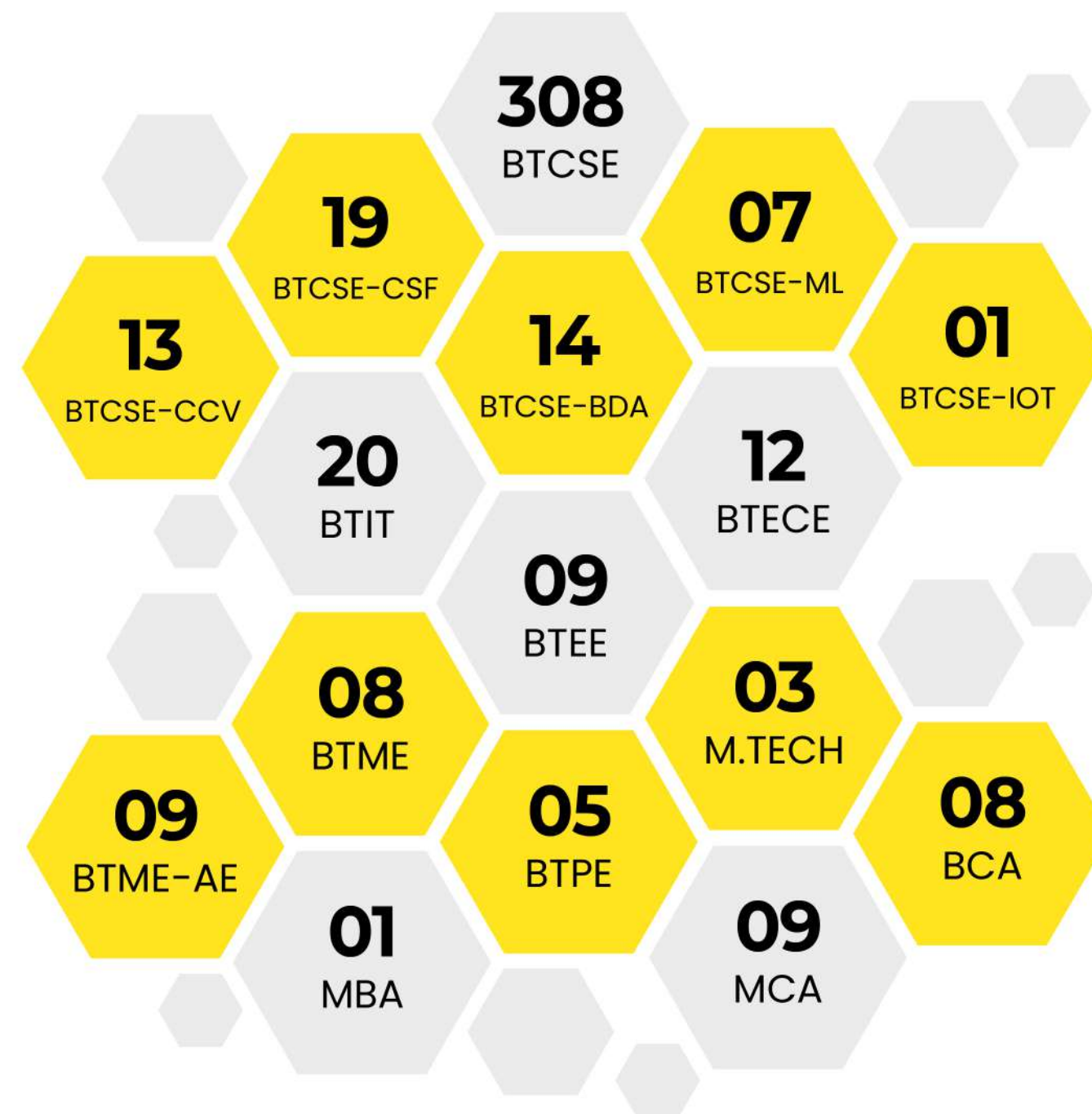


Internships Offered to DITIANS



PLACEMENTS

No. of Students Placed (Course-wise)



DITians making it BIG
#ProudDITians

API Club

Orientation

An interactive and fun sessions were held on 7th May for the new recruiters to get acquainted with the club. The API politics and rules were also discussed.



Club News

Smriti (Farewell)

A virtual farewell function on 30th May, 2021 was organised for beloved seniors to make their journey more memorable.



IETE-SF DITU

Quiz-O-Mania



On 1st February, 2021 the quiz entitled “Quiz-O-Mania” was conducted for the UG students to show case their talent. Exciting prizes were awarded to the winners and certificates to all the participants.

Online Safety And Cyber Crimes

A webinar on “Online safety and cybercrimes” was conducted on 16th January, 2021 by IETE-SF DITU. Mr. Raj Pagariya from the Cyber Blog India enlightened the delegates on the topic.



Recruitment Drive



On 20th June 2021, Codegenx Club conducted mock recruitment drive for 2nd and 3rd year students.

DITU ACM Student Chapter

Cyber Zilla



On 14th February 2021, the event was planned with the intent to test participant's Problem-solving Skills, General Aptitude knowledge and coding skills. MradulKrishne, Ashutosh Singh and YashVijan were winners.

Cyber Warz



Till 23-25th April 2021, an online based gaming event was held to connect people. The participants registered with their teams for Valorant and Call of Duty Mobile events. The event was successful and provided many great gameplays.

National Cadet Corps

Blood Donation Camp



On 13th January 2021, a blood donation camp was organized in Vivekananda block by NCC units of DIT University in association with IMA-Dehradun. It was inaugurated by Sh.Dhan Singh Rawat Hon. Minister of Higher Education,

Govt. Of Uttarakhand and Sh. Anuj Aggarwal Hon. Chairman, DIT University. Sh.N. Ravishankar, Chancellor, DITU, preside over the function and Brig.M.Srinivasan, Pro-Vice Chancellor, DITU, welcomes the guests. In this noble cause more than 55 units were donated by cadets and volunteers.

Road Safety Awareness



On 22nd January 2021, NCC Units of DIT University observes Road Safety Awareness Day in Vishwakarma Seminar Hall with Uttarakhand Traffic Police. SP Traffic Mr.Prakash Chand and

Dr.NaveenSinghal Chief Proctor DITU inaugurate the event for awareness of students and cadets about road safety. Inspector Traffic Mr.Rajpal Singh and Mr.SanjeevTyagi SI, CPU demonstrate the significance of traffic rules and regulations.

Republic Day Celebration



On 26th January 2021, DIT University celebrated the 72nd Republic Day of India. On this occasion, NCC Girls Battalion (11UK) and NCC Boys Battalion (29UK)

organized a parade on campus. Cultural activities like patriotic poems and songs were also performed by students and staff members.

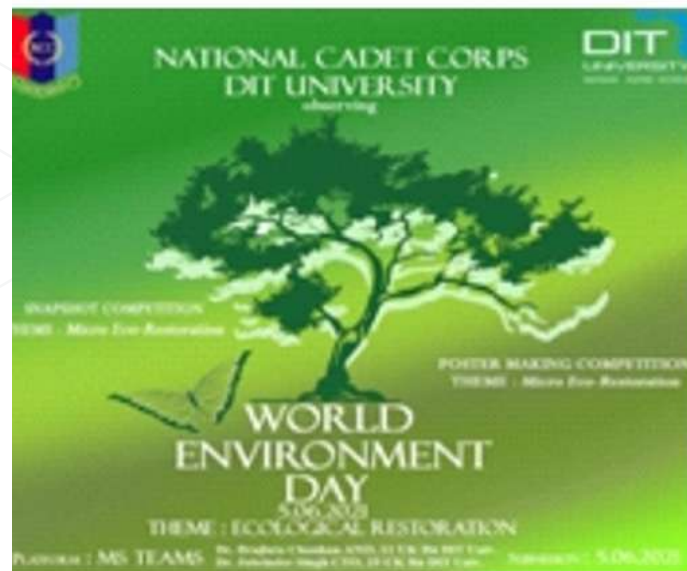
Earth Day



On 22nd April 2021, on the occasion of Earth Day 2021, NCC platoon organized a webinar on 'Ecological Restoration'. The event was coordinated by Dr. .Jabrinder Singh CTO-NCC and presided by Prof. Naveen Singhal Chief Proctor. Mr.

Sandeep Jain Sr. Manager-NTPC, Ministry of Power, Govt. Of India delivers keynote speech on importance of ecosystems restoration in Indian context.

World Environment Day



World Environment Day on 5th June 2021, was organized by NCC platoon by making plantation and ecosystem restoration activities. The objective of the event of the event was to emphasize on conservation of natural ecosystems for sustainable development.

Workshop on ‘Prowessiq Database 2.0’

On 17th May 2021, an online based workshop was organized for the students on PowessIQ Database, a most awaited event by the students. The objective of event was to give insight into that how students can extract the data using the software.



SPIE

Introduction to Nano photonics



An online based webinar was conducted on 5th June 2021 for Faculty and UG/PG scholars, in the field of Nano photonics. Dr. Gopal Krishna Hegde explained basic and dimension scaling of materials.

DITU CSI Student Branch



Keeping in mind that ‘Social connection right now can come with a bit of a learning curve’, an online gaming event from 13th to 17th March was organized to address stressful times during the pandemic

Aarogya club

DIT University in collaboration with Aarogya Club conducted winter school from 4th Jan 2021 to 8th Jan 2021. The theme of winter school was “Role of artificial intelligence in Healthcare”. The eminent speakers deliver the lecture on the above mentioned theme.

- On Day 1: Dr Jagannath Sahoo deliver his lecture on “Personalised medicines and AI: A paradigm shift in healthcare”. He has an overall teaching & research experience of 28 years.
- On day 2: Dr Neeraj Mahindroo Dean School of health sciences UPES will delivered his lecture on his topic Drug DISCOVERY IN ERA OF ARTIFICIAL intelligence. He has an overall teaching & research experience of 25 years.
- On day 3: Abhishek Pathak Engineer from AI evangelist from greater Toronto area deliver his lecture on “Building AI system in healthcare”.
- On day 4: Prof Rama Sushil from DIT University delivered her lecture. Her topic was Artificial Intelligence is a need for Healthcare’ . She is having More than Twenty years of academic experience in computer science field including research, teaching and departmental administration in India and abroad.
- On day 5: Mr Manish Gaur Deliver His lecture on Role of AI in medical Devices.

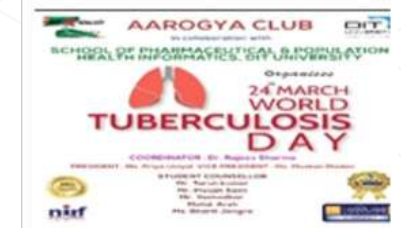
Winter School



Faculty of Pharmacy in collaboration with Aarogya Club conducted winter school from 4th to 8th Jan 2021. The theme of winter school was “Role of artificial intelligence in Healthcare”.

World Tuberculosis Day

Aarogya Club organized World TB Day 2021 on 24th March on the theme



‘The Clock is Ticking’, it conveys the sense that the world is running out of time to act on the commitments made by global leaders to end TB.

World Tobacco Day



On 31st May 2021 Aarogya Club organized an event on the occasion of World Tobacco Day.

The aim of this event was to spread awareness about the dangers of using tobacco and how health problems can be tackled by doctors when one quits smoking.

Stress Management And Immunity Boosting

Aarogya Club organized a webinar on 7th May 2021, on the topic 'Stress Management and Immunity Boosting' to enlighten people about health benefits of Yoga. Dr. Nitin, emphasized on regular practice of Yoga, as Yoga not only tones one's body but also ensures mental and psychological wellbeing.



Clickrrati Literrati Club Abstract Art



From 20th to 21st February 2021, an event "Abstract art" was organized, in which students with the emotion of patriotism in their hearts participated and gave their souls a way to paint their heart out. A great

number of participation was there and an event went well.

Talent Hunt



Clickrrati Literrati Club on 1st and 2nd April 2021 organized an event "Talent Hunt", in which students showcased their talent like painting, photography, dancing, singing, , etc. The participation was in a good number and the event was successful.

Open Mic



On 17th March 2021, Open mic event was organized in Chanakya Lawn. Students showed their talent by amazing performances which includes poem, shayari, singing, beat boxing, etc. Faculties also enjoyed this event a lot and

audience too enjoyed.

Clickrrati Literrati organized an event "Rangmanch" on 18th September, 2021. The event was totally conducted in Hindi language as it comes under the banner of Hindi Saptah. Participants performed various fun – filled acts. Clickrrati Literrati organized an event "Vaad – Vivad" on 20th September, 2021. The event was totally conducted in Hindi language as it comes under the banner of Hindi Saptah. Participants were given 3 topics thirty minutes prior to the actual debate. The topics were: Peer Pressure, Online vs Offline Teaching, Is Feminism losing its real meaning? Everything happened

perfectly and as planned.

Clickrrati Litterrati organized an event “Kavi Sammelan” in association with NSS, on 14th September, 2021. The event was totally conducted in Hindi language. Participants came in a great number and presented poetries & shayaris that they recited by themselves. Moreover, the event was graced by our chief guest Shri Leeladhar Jagudi. He is a Hindi Kavi and a pioneer of Padma Shree Award. Everything happened perfectly and as planned.

Clickrrati Litterrati organized an event “Rachna” on 16th September, 2021 which was a creative writing event, based in Hindi Language, only.

Participation was good and participants showcased their writing talent by writing great and beautiful essays, poems, etc. Everything happened perfectly as planned.

Research Papers

1. N. Mishra, B. P Pandey, Dr. Santosh Kumar, "Impact of N₂O gas adsorption upon electronic properties of 2D MoSe₂ monolayer: A DFT Approach", IEEE Sensors Journal, Vol. 21, Issue 8, pp. 9756 – 9762, DOI: <https://doi.org/10.1109/JSEN.2021.3057375> [Indexed in Web of Science], [IF:3.076], Feb 2021.
2. D. G. S. Rao, S. Swarnakar, Dr. Santosh Kumar "Design of photonic crystal based all-optical 2 × 1 multiplexer for optical processing devices", Microelectronics (In Press), DOI: <https://doi.org/10.1016/j.mejo.2021.105046> [Indexed in Web of Science], [IF: 1.405], March 2021.
3. S. Swarnakar, A. Guddati, S. K. Reddy, R. Harijan, Dr. Santosh Kumar, "Performance analysis of optimized plasmonic half-adder circuit using Mach-Zehnder interferometer for highspeed switching applications", Microelectronics (In Press) <https://doi.org/10.1016/j.mejo.2021.105040> , [Indexed in Web of Science], [IF: 1.405], March, 2021.
4. Dr. Kuldeep Choudhary, Dhruva Chaudhary & Dr. Santosh Kumar, A. Singh, A. Singh, "Implementation of highly optimized optical all logic gates on a single chip using Ti-diffused lithium-niobate for high-speed processing in combinational circuits", Microelectronics, Vol. 111- 105048, DOI: <https://doi.org/10.1016/j.mejo.2021.105048> [Indexed in Web of Science], [IF: 1.405], March 2021.
5. Dr. Nafees Ahamad, A. Sikander, "A novel approach of order diminution using time moment concept with Routh array and Salp Swarm algorithm" Turkish Journal of Electrical Engineering & Computer Sciences, Vol. 29, no 2, DOI: [dx.doi.org/10.3906/elk-2005-120](https://doi.org/10.3906/elk-2005-120) [Indexed in Web of Science], [IF : 0.682], Feb 2021.
6. Dr. Amrindra Pal, A. Jha, "A Theoretical Analysis on Sensitivity Improvement of an SPR Refractive Index Sensor with Graphene and Barium Titanate Nanosheets" Optik, Vol. 231, pp. 166378 (2021). DOI: <https://doi.org/10.1016/j.ijleo.2021.166378> [Indexed in Web of Science], [IF: 2.187], Jan 2021.
7. Dr. Amrindra Pal, Md. Z. Ahmed, S. Swarnakar "An Optimized Design of All-optical XOR, OR, and NOT Gates Using Plasmonic Waveguide", Optical and Quantum Electronics, Vol. 53, 84 (2021). DOI: [https://doi.org/10.1007/s11082-021-](https://doi.org/10.1007/s11082-021-02732-2)

02732-2 [Indexed in Web of Science], [IF: 1.842], Jan 2021.

8. Dr. Santosh Kumar, Yu Wang, Guo Zhu, Muyang Li, Ragini Singh, Carlos Marques, Rui Min, B. K. Kaushik, Bingyuan Zhang, Rajan Jha, "Water pollutants p-Cresol detection based on AuZnO nanoparticles modified tapered optical fiber," IEEE Transactions on NanoBioscience, Vol. 20, no. 3 pp. 377-384, DOI: <https://doi.org/10.1109/TNB.2021.3082856>, [Indexed in Web of Science], [IF-2.935], July 2021.
9. V. S. Chaudhary, D. Kumar, Dr. Santosh Kumar, "Gold-immobilized Photonic Crystal Fiber-based SPR Biosensor for Detection of Malaria Disease in Human Body," IEEE Sensors Journal, DOI: <https://doi.org/10.1109/JSEN.2021.3085829>, [Indexed in Web of Science], [IF3.076], June 2021.
10. D. G. S. Rao, S. Swarnakar, Dr. Santosh Kumar, "Design of photonic crystal based compact all-optical 2 × 1 multiplexer for optical processing devices," Microelectronics, Vol. 112, 105046 DOI: <https://doi.org/10.1016/j.mejo.2021.105046>, [Indexed in Web of Science], [IF-1.605], June 2021.
11. Dr. Kuldeep Choudhary, Dr. Santosh Kumar, "Optimized plasmonic reversible logic gate for low loss communication," Applied Optics, Vol. 60, no. 16, pp. 4567-4572, DOI: <https://doi.org/10.1364/AO.428158>, [Indexed in Web of Science], [IF-1.961], May 2021.
12. Dr. Amrindra Pal, P. Nigam, A. Muduli, S. Sharma, "Tri-fed SIW based self-triplexer antenna for Xband applications", International Journal of Applied Electromagnetics and Mechanics, pp. 1-16, DOI: <https://doi.org/10.3233/JAE-201639> [Indexed in Web of Science] [IF: 0.706]. May 2021.
13. Dr. Abhinandan Routray, R. K. Singh, and R. Mahanty, "Modified grey wolf optimisation based reduced device count 17-level hybrid multilevel inverter," IET Power Electronics, Vol.14, Issue 18, pp. 1444- 1456. DOI: <https://doi.org/10.1049/pel2.12122>, [Index in Web of Science], [IF: 2.641], April 2021.
14. Mr. S. Bhanu Prakash, Dr. Gagan Singh & Dr. Sonika Singh, "A Simplified Two Diode Photovoltaic Module: Modeling and Performance Analysis", International Journal of Computing and Digital Systems. ISSN 2210-142X, <http://journal.uob.edu.bh/handle/123456789/4485>, [Indexed in Scopus], Aug 2021.

15. Dr. Nafees Ahamad, Dr. Gagan Singh, A. Sikander, "A Novel Reduction Approach for Linear System Approximation", *Circuits, Systems, and Signal Processing*, pp. 1-25, DOI: <https://doi.org/10.1007/s00034-021-01816-4>, [Indexed in Web of Science] [IF-2.225] Aug 2021.
16. Dr. Amrindra Pal, B. Karki, S. Sharma, "Analysis of All-Optical Priority Encoder using Plasmonics Waveguide" *Journal of Computational Electronics*, 20, 1884-1890 (2021) DOI: <https://doi.org/10.1007/s10825-021-01752-1>, [Indexed in Web of Science] [IF1.807], Aug 2021.
17. B. Karki, S. Sharma, Y. Singh, Dr. Amrindra Pal, "Sensitivity Enhancement of Surface Plasmon Resonance Biosensor with 2-D Franckeite nanosheets" *Plasmonic*, DOI: <https://doi.org/10.1007/s11468-021-01495-6>, [Indexed in Web of Science], [IF2.404], July 2021.
18. Ms. Anu Kumari, Dr. Amrindra Pal, S. Sharma, "Design and simulation of half adder and half subtractor using lithium niobate-based waveguide" *Optoelectronics and Advanced Materials – Rapid Communication*, Vol. 15, No. 7-8, p. 314 – 324, <https://oam-rc.inoe.ro/articles/designand-simulation-of-half-adder-and-half-subtractor-using-lithium-niobate-basedwaveguide/> [Indexed in Web of Science], [IF-0.441], July 2021.
19. Ms. Anu Kumari, V. K. Srivastava, Dr. Amrindra Pal, S. Sharma, "Design and Modeling of Multi-operation Bit-Manipulator Logic Circuit using Lithium Niobate Waveguides" *Journal of Optical Communications*, DOI: <https://doi.org/10.1515/joc-2021-0135>, [Indexed in Scopus], Sep, 2021.
20. Ms. Bhawna Sharma & Dr. Amrindra Pal, K. Kishor, S. Sharma, R. Makkar, "Design and Simulation of Ultra low loss Spiral Delay line for Integrated Optical Coherence Tomography", *Optical and Quantum Electronics* ISSN: 2191-6322, DOI: <https://doi.org/10.1007/s11082-021-03047-y>, [Indexed in Web of Science] [IF- 2.084], July 2021.
21. Ms. Padmini Nigam, Dr. Amrindra Pal, A. Muduli, S. Sharma, "SIW Based Cavity Backed Self-Quadplexing Slot Antenna" *Journal of Microwaves, Optoelectronics and Electromagnetic Applications*, DOI: <https://doi.org/10.1590/2179-10742021v20i31213>, [Indexed in Scopus], Sep. 2021.
22. Dr. Santosh Kumar, B. Kaur, B. K. Kaushik, "2D Materials based Fiber Optic SPR Biosensor for Cancer Detection at 1550 nm," *IEEE Sensors Journal*, pp. 1-8. DOI: <https://doi.org/10.1109/JSEN.2021.3110967>. [Indexed in Web of Science], [IF3.073], Sept. 2021.
23. S. P. K. Anguluri, S. R. Banda, S. V. Krishna, S. Swarnakar, Dr. Santosh Kumar, "The design, analysis, and simulation of an optimized all-optical AND gate using a Y-shaped plasmonic waveguide for high-speed computing devices," *Journal of Computational Electronics*, Vol. 20, pp. 1892-1899, DOI: <https://doi.org/10.1007/s10825-021-01748-x>. [Indexed in Web of Science], [IF-1.807], Aug. 2021.
24. S. Swarnakar, S. K. Reddy, R. Harijan, Dr. Santosh Kumar, "Design and modelling of all-optical NAND gate using metal-insulator-metal (MIM) waveguides-based Mach-Zehnder interferometers for high-speed information processing," *Optical and Quantum Electronics*, Vol. 53, p. 493, DOI: <https://doi.org/10.1007/s11082-021-03153-x>. [Indexed in Web of Science], [IF-2.084], Aug. 2021.
25. Dr. Anil Kumar Patil & Dr. Manoj Kumar, G.P. Srivastava, "Parametric effect of diverging perforated cones on the thermo-hydraulic performance of a heat exchanger tube", *Heat Mass Transfer*, DOI: <https://doi.org/10.1007/s00231-021-03035-8>. [Indexed in Web of Science], [IF1.867], Feb 2021.
26. Dr. Manoj Kumar & Dr. Anil Kumar Patil, R. Kumar, A.K. Pathak, "Experimental study of multi tubular sensible heat storage system fitted with wire coil inserts", *Renewable Energy*, Vol. 164, pp. 1244-1253, ISSN 0960-1481, DOI: <https://doi.org/10.1016/j.renene.2020.10.058>. [Indexed in Web of Science], [IF-6.274], Feb 2021.
27. Dr. Manoj Kumar, A. K. Jain, G. D. Thakre, "Potential of CuS and CuO nanoparticles for friction reduction in piston ring-liner contact", *Tribology - Materials, Surfaces & Interfaces*, DOI: <https://doi.org/10.1080/17515831.2020.1871244> [Indexed in Web of Science], Jan 2021.
28. Dr. Subodh Kumar, A. S. Shahi, V. Sharma, D. Malhotra, "Effect of welding heat input and post-weld thermal aging on the sensitization and pitting

- corrosion behavior of AISI 304L stainless steel butt welds", Journal of Materials Engineering and Performance, Vol. 30, pp. 1619-1640, DOI: <https://doi.org/10.1007/s11665-021-05454-4>. [Indexed in Web of Science], [IF-1.652], Jan 2021.
29. Mr. Ravi Kumar, Dr. Anil Kumar Patil and Dr. Manoj Kumar, "Charging and Discharging Characteristics of Sensible Energy Storage System with Multiple Cylindrical Passages", Journal of Energy Resources Technology, Vol. 143(9), pp. 092001., DOI: <https://doi.org/10.1115/1.4051395> [Indexed in Web of Science], [IF-2.903], June 2021.
30. Dr. Anil Kumar Patil, Dr. Manoj Kumar, V. Choudhary, A. Gupta, "Thermo-hydraulic performance of modified plate fin and pin fin heat sinks", Proceedings of the Institution of Mechanical Engineers , Part A: Journal of Power and Energy, ISSN: 0957-6509 DOI: <https://doi.org/10.1177/09576509211024043> [Indexed in Web of Science], [IF1.882], June 2021.
31. Mr. Bipin Kumar, Dr. Anil Kumar Patil and Dr. Manoj Kumar, "Second law analysis of heat exchanger tube fitted with twisted tape insert having multiple V cuts and perforations", Heat Transfer Research, Vol. 52 Issue (7), pp. 17-34, DOI: <https://doi.org/10.1615/HeatTransRes.2021036514> [Indexed in Web of Science], [IF-2.443], June 2021.
32. Dr. Manoj Kumar, R. Bahuguna, K.K.S. Mer, S. Chamoli, "Entropy generations analysis in A tube heat exchanger integrated with triple blade vortex generator inserts", Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, DOI: <https://doi.org/10.1080/15567036.2021.1918291> [Indexed in Web of Science], [IF3.447], Apr 2021.
33. R. Bahuguna, K.K.S. Mer, Dr. Manoj Kumar, S. Chamoli, "Thermohydraulic performance and second law analysis of a tube embedded with multiple helical tape inserts", Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, DOI: <https://doi.org/10.1080/15567036.2021.1904057> [Indexed in Web of Science], [IF- 3.447], Apr 2021.
34. Dr. Nitin Kumar Gupta, Nalin Somani, C. Prakash, R. Singh, A. Waila, S. Singh, C. Pruncu, "Revealing the WEDM Process Parameters for Machining of Pure and Heat Treated Titanium (Ti-6Al4V) Alloy", Materials, Vol. 14, pp. 2292. DOI: <https://doi.org/10.3390/ma14092292> [Indexed in Web of Science], [I.F. 3.623], Apr 2021.
35. Mr. Rajeev Pandey and Dr. Manoj Kumar, "Efficiencies Assessment of an Indoor designed Solar Air Heater characterized by V Baffle Blocks having Racetrack Shaped Perforation Geometry", Sustainable Energy Technologies and Assessments, Vol. 47, pp. 101362 (2021). DOI: <https://doi.org/10.1016/j.seta.2021.101362> [Indexed in Web of Science], [IF-5.353], Oct 2021.
36. Mr. Rajeev Pandey, Dr. Manoj Kumar, J.S. Saini, "Experimental Study of Parametric influence on Heat transfer and Friction in a Rectangular duct having V-down baffle blocks with Staggered Racetrack-shaped openings", Experimental Heat Transfer, DOI: 10.1080/08916152.2021.1951898 [Indexed in Web of Science], [IF-4.058], July 2021.
37. Dr. Anil K. Patil, Dr. Manoj Kumar, G. P. Srivastava, "Heat transfer enhancement and entropy generation analysis of a tube with perforated conical inserts," Experimental Heat Transfer, DOI: 10.1080/08916152.2021.1958109 [Indexed in Web of Science], [IF4.058], August 2021.
38. Dr. Yogesh Kumar Tyagi, K. Jha, R. Kumar, S. Sharma, M. Roslim, M. Huzaifah, C. Li, R. A. Ilyas , S. P. Dwivedi, A. Saxena, A. Pramanik, "Assessment of Dimensional Stability, Biodegradability, and Fracture Energy of Bio-Composites Reinforced with Novel Pine Cone," Polymers, Vol. 13, pp. 3260, DOI: <https://doi.org/10.3390/polym13193260> [Indexed Web of Science], [IF: 4.493], Sept. 2021.
39. Dr. Anshuman Das, A. Dey, K.M. Pandey, R.N. Rai, A. Khan, "Application potential of response surface method on electro discharge machining of aa6061-cenosphere amcs prepared by compo casting method," Surface Review and Letters, Vol. 28, no. 7, pp. 1-18, DOI: <https://doi.org/10.1142/S0218625X21500566>, [Indexed in Web of Science], [IF: 1.152], July 2021.
40. Dr. Anshuman Das, M. Kamal, S.R. Das, S.K. Patel, A. Panda, M. Rafiqi, B.B. Biswal, "Comparative assessment between AlTiN and AlTiSiN coated carbide tools towards machinability improvement of AISI D6 steel in dry hard turning," Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, pp. 1-24, DOI: <https://doi.org/10.1177/>

- 2F09544062211037373, [Indexed in Web of Science], [IF: 1.762], August 2021.
41. Dr. Vijay Kumar Jain, Dr. Pankaj Kumar, V. Joy, S. Agarwal, "Revisiting Determinants of Social Entrepreneurial Intentions among Indian Students using Interpretive Structural Modelling", Elementary Education Online, Vol.20, Issue. (5), ISSN: 4299-4310. <https://doi.org/10.17051/ilkonline.2021.05.472> [Indexed in Scopus], March 2021.
 42. Dr. Hemraj Verma, S.K.Dixit, S.S.Priya, "Corporate social responsibility motives of Indian firms", Journal of Modelling in Management, in press, <https://doi.org/10.1108/JM2-07-2020-0190>, [Indexed in Scopus], [CiteScore-2.8], June 2021.
 43. Dr. Hemraj Verma, Dr. Garima Verma & Dr. Pankaj Kumar "Depression, Anxiety, and Stress During Times of COVID-19: An Analysis of Youngsters Studying in Higher Education in India", Review of socionetwork strategies (2021). <https://doi.org/10.1007/s12626-021-00089-2> [Indexed in Web of Science], September 2021.
 44. Dr. Sandeep Sharma & Dr. Fateh Singh, "Backward bifurcation in a cholera model with a general treatment function." SN Applied Sciences, pp. 1-8., ISSN: 2523-3971, DOI: <https://doi.org/10.1007/s42452-021-04189-0>. [Indexed in Scopus], Jan 2021.
 45. Dr. Sandeep Sharma & Dr. Fateh Singh, "Bifurcation and stability analysis of a cholera model with vaccination and saturated treatment." Chaos, Solitons & Fractals Vol. 146 (2021): pp. 1-8., ISSN 0960-0779, DOI: <https://doi.org/10.1016/j.chaos.2021.110912>. [Indexed in Web of Science], [IF: 3.764], March 2021.
 46. Shilpi Singhal, A. Dixit, M. Zeyauddin "Model for Modified Holographic Ricci Dark Energy in Gravitation Theory of Branc Dicke", Walailak Journal of Science and Technology, Vol. 18, no. 3 DOI: <https://doi.org/10.48048/wjst.2021.6986> [Indexed in Scopus], Feb 21.
 47. Dr. Sandeep Sharma, "Modeling the role of information on the spread of online shopping," Computational and Mathematical methods, Vol. 3, no. 1, pp. e1182, ISSN 2577-7408, DOI: <https://doi.org/10.1002/cmm4.1182>. [Indexed in Web of Science], July 2021.
 48. Dr. Debopam Acharya, A. Barthwal and D. Lohani, "Prediction and Analysis of Particulate Matter (PM_{2.5} and PM₁₀) Concentrations using Machine Learning Techniques", Journal of Ambient Intelligence and Humanized Computing, in press, DOI: <https://doi.org/10.1007/s12652-021-03051-w> [Indexed in Web of Science], [IF 4.594], March 21.
 49. D. Lohani, A. Barthwal and Dr. Debopam Acharya, "Modeling vehicle indoor air quality using sensor data analytics", Journal of Reliable Intelligent Environments, in press, DOI: <https://doi.org/10.1007/s40860-021-00137-2> [Indexed in Scopus], Feb 21.
 50. K. Rastogi, D. Lohani and Dr. Debopam Acharya, "Context-Aware Monitoring and Control of Ventilation Rate in Indoor Environments Using Internet of Things", IEEE Internet of Things Journal, in press, DOI: <https://doi.org/10.1109/JIOT.2021.3057919> 2021. [Indexed in Web of Science], [5Y IF 11.705], Feb 21.
 51. Dr. Megha Bhushan, A. Negi, P. Samant, S. Goel, A. Kumar, "A Classification and Systematic Review of Product Line Feature Model Defects", Software Quality Journal, Springer, Volume 28(4), 1507-1550, DOI: <https://doi.org/10.1007/s11219-020-09522-1>. [Indexed in Web of Science], [IF: 1.460], Jan 2021.
 52. Ajay Narayan Shukla, V. Bharti, M.L. Garg, "A Greedy Technique Based Improved Approach to Solve Graph Colouring Problem", SIS, EAI, DOI: <https://doi.org/10.4108/eai.16-2-2021.168716> [Indexed in Web of Science], Feb 2021.
 53. Dr. Ranjeet Kumar Ranjan, A. Singh, A. Tiwari, "Credit Card Fraud Detection under Extreme Imbalanced Data: A Comparative Study of Data-level Algorithms," Journal of Experimental & Theoretical Artificial Intelligence, Taylor and Francis, p.p. 1-28, ISSN: 1362-3079, DOI: <https://doi.org/10.1080/0952813X.2021.1907795>. [Indexed in Web of Science], [IF-2.34], April 2021.
 54. Anuj Kumar yadav, Ritika, M. Garg, "Cryptographic Solution for Security Problem in Cloud Computing Storage During Global Pandemics," International Journal of Safety and Security Engineering, Vol. 11, No. 2, pp. 193-199, ISSN: 2041-9031, DOI: <https://doi.org/10.18280/ijssse.110208>. [Indexed in Scopus], May 2021.
 55. Dr. Garima Verma, H. Verma and S. K. Dixit, "A hybrid ensemble machine learning model to predict success of Bollywood movies", World Review of

Entrepreneurship, Management and Sustainable Development, 17(2-3), pp.343-357, ISSN 1746-0581, DOI: <https://doi.org/10.1504/WREMSD.2021.114439>, [Indexed in Scopus], [CiteScore1.1], Apr 2021.

56. Dr. Rama Sushil, S. Kumar, P. Singh, P. Singh, A. Tiwari, "Microtremor measurement to evaluate site characteristics by horizontal to vertical spectral ratio technique in Sikkim, Northeast Himalayas, India", Quaternary international, Vol. 585, pp: 134-142, ISSN 1040-6182, DOI: <https://doi.org/10.1016/j.quaint.2020.11.028>, [Indexed in Web of Science], [IF: 2.13], May 2021.
57. A. Rawat, Dr. Rama Sushil, A. Agarwal, A. Skinder, R S Bhadoria, "A New Adaptive Fault Tolerant Framework in the Cloud," IETE Journal of Research, Taylor & Francis United kingdom, DOI: <https://doi.org/10.1080/03772063.2021.1907231>, [Indexed in Web of Science], [IF- 2.33], April 2021.
58. Dr. Arshpreet Kaur, Kumar Shashvat, V. Puri, K. Verma, "Identification of inter-ictal activity in novel data by bagged prediction method using beta and gamma waves". Multimedia Tools and Applications, <https://doi.org/10.1007/s11042-021-11035-3>, [Indexed in Web of Science], [IF: 2.757], May 2021.
59. Dr. Megha Bhushan, K. Verma, A. Kumar, M. S. U. Islam, T. Kanwar, "Rank based mobility-aware scheduling in Fog computing," Informatics in Medicine Unlocked, Vol. 24, pp. 100619, ISSN 2352-9148, Elsevier, DOI: <https://doi.org/10.1016/j.imu.2021.100619>. [Indexed in Scopus], [CiteScore 3.8], May 2021.
60. Dr. Mitali Srivastava, Dr. Atul Kumar Srivastava, R. Garg, & P.K. Mishra, "Performance Evaluation of the MapReduce-based Parallel Data Preprocessing Algorithm in Web Usage Mining with Robot Detection Approaches", IETE Technical Review, Taylor and Francis, Vol. 38, no. 4, pp. 1-15, ISSN 0256-4602 , DOI: <https://doi.org/10.1080/02564602.2021.1918584> [Indexed in Web of Science], [IF-2.20], April 2021.
61. Bibek Kumar, Dr. Ranjeet Kumar Ranjan, Dr. Arshad Husain, "A Multi-Objective Enhanced Fruit Fly Optimization (MO-EFOA) Framework for Despeckling SAR Images using DTCWT based Local Adaptive Thresholding," International Journal of Remote Sensing, Vol. 42, no. 14, pp. 5493-5514, ISSN 1366-5901, DOI: <https://doi.org/10.1080/01431161.2021.1921875>. [Index in Web of Science], [IF-3.151],

May 2021.

62. V. K. Yadav, Dr. Ranjeet Kumar Ranjan, S. Verma, and S. Venkatesan. "CP2EH: A comprehensive privacypreserving e-health scheme over cloud." The Journal of Supercomputing, 1-31., ISSN 1573-0484 / 0920-8542, DOI: <https://doi.org/10.1007/s11227-021-03967-2>. [Index in Web of Science], [IF- 2.474], June 2021.
63. Dr. Jyoti Rawat, I. Kumar, N. M. S. Husain, "Opportunities of Artificial Intelligence and Machine Learning in the Food Industry," Journal of Food Quality, vol. 2021, Article ID 4535567, 10 pages, 2021. DOI: <https://doi.org/10.1155/2021/4535567>. [Indexed in Web of Science], [IF: 2.4], July 2021.
64. Mr. Chirag Joshi, Dr. Ranjeet Kumar Ranjan, and V. Bharti, "A Fuzzy Logic based Feature Engineering Approach for Botnet Detection using ANN", in Journal of King Saud University- Computer and Information Sciences, ISSN: 1319-1578. Elsevier. <https://doi.org/10.1016/j.jksuci.2021.06.018>, [Indexed in Web of Science], [IF-13.473], July. 2021.
65. Mr. Chirag Joshi, Dr. Ranjeet Kumar Ranjan, and V. Bharti, "ANN based Multi-Class classification of P2P Botnet" in International Journal of Computing and Digital System e-ISSN 2210 142X, <https://journal.uob.edu.bh/handle/123456789/4486> [Indexed in Scopus], July, 2021.
66. Dr. Garima Verma, N. Pathak, and N. Sharma, "A Secure Framework for Health Record Management Using Blockchain in Cloud Environment", Journal of Physics-Conference Series, Vol. 1998, No. 1, p. 012019, IOP Publishing. DOI: <https://doi.org/10.1088/1742-6596/1998/1/012019> [Indexed in Scopus], Aug, 2021.
67. Ms. Khushboo Jain & A. Singh, "An Empirical Cluster Head Selection and Data Aggregation Scheme for a Fault-Tolerant Sensor Network," International Journal of Distributed Systems and Technologies (IJDST), 12(3), 27-47, <http://doi.org/10.4018/IJDST.2021070102> [Indexed in Web of Science], July 2021.
68. A. Agarwal, Ms. Khushboo Jain, & A. Dev, "Modeling and Analysis of Data Prediction Technique Based on Linear Regression Model (DP-LRM) for Cluster-Based Sensor Networks." International Journal of Ambient Computing and Intelligence (IJACI), 12(4), 98-117. <http://doi.org/10.4018/IJACI.202100106>, [Indexed in Scopus], Aug 2021.

69. A. Singh, Ms. Khushboo Jain, "An efficient secure key establishment method in cluster-based sensor network," Telecommun Syst (2021). <https://doi.org/10.1007/s11235-021-00844-4>, [Indexed in Web of Science] [IF-2.314], Sept 2021.
70. K.K. Raghuvanshi, A. Agarwal, Ms. Khushboo Jain, & V. B. Singh "A generalized prediction model for improving software reliability using time-series modelling" International Journal of System Assurance Engineering and Management, 1-12. <https://doi.org/10.1007/s13198-021-01449-5>, [Indexed in Web of Science], Sept 2021.
71. Dr. Rana Acharyya, "Assessment of overall response of interacting skirted strip footings located on layered soil", Sādhanā, Springer, Vol. 46, no. 16, pp. 1-14, ISSN - 0973-7677, DOI: <https://doi.org/10.1007/s12046-020-01547-3> [Indexed in Web of Science], [IF: 0.940], Feb 2021.
72. Gopal Kumar, Dr. Tapas Kumar Dora, D. Jadav, A. Naudiyal, A. Singh, T. Roy "Utilization and regeneration of waste sugarcane bagasse as a novel robust aerogel as an effective thermal, acoustic insulator, and oil adsorbent", Journal of Cleaner Production, Vol. 298, ISSN:0959-6526 DOI: <https://doi.org/10.1016/j.jclepro.2021.126744>, [Indexed in Web of Science], [IF: 7.246], Mar 2021.
73. Rakesh Kumar Pandey, A. Dahiya, A. Mandal, "Identifying Applications of Machine Learning and Data Analytics Based Approaches for Optimization of Upstream Petroleum Operations," Energy Technology, Vol. 9, no. 1, ISSN 2194-4296, DOI: <https://doi.org/10.1002/ente.202000749>. [Indexed in Web of Science] [IF: 3.404], Jan 2021.
74. Gaurav Richhariya, Dr. Tapas Kumar Dora, Naveen Singhal, "Synthesis of Ultra-light Cement using Solid Waste Fly Ash Cenosphere for Low Fracture Gradient Formation with Reduced Shrinkage", Journal of Hazardous, Toxic, and Radioactive Waste (ASCE), Vol. 25, no. 2, DOI: [https://doi.org/10.1061/\(ASCE\)HZ.2153-5515.0000587](https://doi.org/10.1061/(ASCE)HZ.2153-5515.0000587). [Indexed in Web of Science] Jan 2021.
75. Gaurav Richhariya, Dr. Navin Singhal, Dr. Tarumay Ghoshal, Dr. Tapas Kumar Dora, R. Pandey, K.Lal, "Polyacrylamide modified geopolymers cement slurry: A potential barrier for channel behind casing" Materials Today: Proceedings

(Elsevier), <https://doi.org/10.1016/j.matpr.2021.05.132>. [Indexed in Scopus], May 2021.

76. Gaurav Richhariya, Dr. Tapas Kumar Dora, A. Kumar, A. Rastogi, S. Pharasi, Y. Goyal, M. Rai "Recron fiber reinforced ultra light weight Cenosphere cement for unconsolidated formations with low fracture gradient" Materials Today: Proceedings(Elsevier), (in press), <https://doi.org/10.1016/j.matpr.2021.05.129> [Indexed in Scopus], May 2021.
77. Mr. Rakesh K. Pandey, Dr. Anil Kumar Dahiya, A. Mandal, "A robust deep structured prediction model for petroleum reservoir characterization using pressure transient test data", Petroleum Research, ISSN 2096-2495, DOI: <https://doi.org/10.1016/j.ptlrs.2021.09.003> [Indexed in Scopus], Sept. 2021.
78. Dr. Md. Habban Akhter, "Lipid/Polymer based nanocomplexes in mRNA delivery as cancer vaccines. 2021", Drug Discov Today, [In Press] DOI: <https://doi.org/10.1016/j.drudis.2021.02.013> . [Indexed in Web of Science], [IF: 7.32], Feb, 2021.
79. Md A. Mujtaba, Dr. Md. Habban Akhter, Md S. Alam, M. D. Ali, A. Hussain, "An updated review on therapeutic potential and recent advances in drug delivery of Berberine: Current status and future prospect", Current Pharm. Biotech 2021, doi: <https://doi.org/10.2174/1389201022666210208152113> [Indexed in Web of Science], [IF: 2.12] Feb, 2021.
80. Shadab Md, Dr. Md. Habban Akhter, "Plumbagin loaded glycosome gel as a topical delivery system for Skin Cancer therapy", Polymers 2021, 13(6), 923; <https://doi.org/10.3390/polym13060923>. [Indexed in Web of Science], [IF: 3.43] March, 2021.
81. Dr. Arvind Gulbake, S. Kashte, S.F. El-Amin III, A. Gupta, "COVID-19 vaccines: rapid development, implications, challenges and future prospects". Human Cells, Vol. 34, pp. 1-23, DOI: <https://doi.org/10.1007/s13577-021-00512-4> [Indexed in Scopus], [IF: 3.46], March, 2021.
82. Dr. Mandeep Kumar Arrora, Ritu Tomar, Dr. Jagannath Sahoo, L. Gupta, A. Pathak, V. Gupta, A. Garg, P. Grover, "Synergistic effect of Ocimum Sanctum and Andrographis Paniculata against Diabetic Complications," Journal of

Pharmaceutical Research International, pp.151-163, DOI: <https://doi.org/10.9734/jpri/2021/v33i33A31782>, June 2021.

83. Dr. Manmohan Singhal, Dr. Bhawna Kumar, D. Sharma, S. Raj S, "Preparation and Evaluation of Gliptin liposomes for targeting ocular Region in Neurodegeneration," *Nanoscience & Nanotechnology*, Vol. 11, issue 2, pp. 197-203. (Bentham Science) DOI: <https://doi.org/10.2174/221068121099920041410423>, May 2021.
84. Dr. Md. Habban Akhter, Dr. Amit Kumar Keshri, M. Rahman, W. H. Almalki, S. Alghamdi, K. S. Alharbi, H. Khalilullah, N. Sharma, T. Singh, K. Soni, A. Hafeez, S. Beg, "Three 'D's: design approach, dimensional printing, and drug delivery systems as promising tools in healthcare applications," *Drug Discovery Today*, Elsevier. DOI: <https://doi.org/10.1016/j.drudis.2021.06.016>, [Indexed in web of Science], [IF=7.851], June 2021.
85. Sameer Bhargava, Dr. Bhawna, A. Ojha A, "Mucoadhesive bio-flexy film of *Phoenix dactylifera* loaded with phenytoin for translabial drug delivery," *Int J Pharm Sci & Res*, Vol. 12, Issue 5, pp. 2853 – 62, ISSN 0975-8232, DOI: [https://doi.org/10.13040/IJPSR.0975-8232.12\(5\).2853-62](https://doi.org/10.13040/IJPSR.0975-8232.12(5).2853-62). [Indexed in Web of Science], May 2021.
86. Dr. Havagiray R Chitme, A. P Singh, J. B Kandpal, R. K Sharma, "Nobiletin a Biologically Active Phytoconstituent: Systematic Review," *Journal of Biologically Active Products from Nature*, 11:3, pp. 204-211, DOI: <https://doi.org/10.1080/22311866.2021.1920461>. [Indexed in SCOPUS], June 2021.
87. Dr. Bhavna Kumar, Dr. Vijay Singh Rana, Dr. Neeraj Kumar Sethiya, M. Varshney, "An Overview on Therapeutic and Medicinal Potential of Poly-hydroxy Flavone viz. Heptamethoxyflavone, Kaempferitrin, Vitexin and Amentoflavone for Management of Alzheimer's and Parkinson's Diseases: A critical analysis on mechanistic insight," *Critical Reviews in Food Science and Nutrition* (Online) DOI: <https://doi.org/10.1080/10408398.2021.1980761> (IF: 11.17). [Indexed in Web of Science], Sept 2021.
88. Mr. Rahul Tiwari, Dr. Neeraj Kumar Sethiya, A.S. Gulbake, N.K. Mehra, U.S.N. Murty, A. Gulbake, "A review on albumin as a biomaterial for ocular drug

delivery," *International Journal of Biological Macromolecules*, Vol. 191, pp. 591-599. DOI: <https://doi.org/10.1016/j.ijbiomac.2021.09.112> [Indexed in Web of Science], [IF6.95], Sept. 2021.

89. Ms. Ritu Tomar, Dr. Mandeep Kumar Arora, A. Garg, V. Gupta, "Experimental models for vascular endothelial dysfunction", *Bangladesh Journal of Pharmacology*, Vol. 16, no. 3pp 65-83, ISSN 1991-0088, DOI: <https://doi.org/10.3329/bjp.v16i3.52948> [Indexed in Web of Science], [IF-0.93], July 2021.
90. Dr. Mandeep Kumar Arora, Ms. Ritu Tomar, Dr. Jagannath Sahoo, P. Grover, S.M.B Asdaq, L. Mehta, M. Imran, A. Pathak, A. Jangra, A.S. Alamri, W. F. Alsanie, M. Alhomrani, "Potential Role of Nicotinamide Analogues Against SARs-CoV-2 Target Proteins". *Saudi J Biol Sci*. ISSN: 1319-562X, DOI: <https://doi.org/10.1016/j.sjbs.2021.09.072>. [Indexed in Web of Science], [IF-4.21], Sep 2021.
91. Dr. Mandeep Kumar Arora, M. Imran, S.M.B Asdaq, S.A. Khan, S.I. Alaqel, M.K. Alshammari, M.M. Alshehri, A.S. Alshrari, A.M. Ali A, A.M. Al-Shammeri, B.D. Alhazmi, A.A. Harshan, M.T. Alam, Abida. "Discovery, Development, and Patent Trends on Molnupiravir: A Prospective Oral Treatment for COVID-19". *Molecules*. Vol. 26, no. 19, PP. 5795, ISSN: 1420-3049, DOI: <https://doi.org/10.3390/molecules26195795>. [Indexed in Web of Science], [IF-4.41], Sep 2021.
92. Dr. Ravi Kumar Shukla, P. Chamoli, A.N. Bezbaruah, K.K. Kar, K.K. Raina, "Microwave-assisted rapid synthesis of honeycomb core-ZnO tetrapods nanocomposites for excellent photocatalytic activity against different organic dyes" *Applied Surface Science*, ISSN: 0169-4332, <https://doi.org/10.1016/j.apsusc.2021.149663> [Indexed in Scopus], [I.F: 6.1] March 2021.
93. Dr. Surbhi Sachdev, Dr. Praveen Kumar, A. Mehta, A. Singh, C. Prakash, "Improved ferroelectric properties and softening effect in BLTF ceramics," *Ceramics International*, (In press) <https://doi.org/10.1016/j.ceramint.2021.05.204>, [Indexed in Web of Science], [IF4.527], May 2021.
94. Dr. Manoj Bhatnagar, Dr. Praveen Kumar, Neha, P. Sharma, V. Kumar, C. Prakash, "Synthesis and dielectric properties of BCT ceramics co-substituted by Sm³⁺ and Fe³⁺ for capacitor applications," *Journal of Alloys and Compounds*, Vol. 882 (In Press) <https://doi.org/10.1016/j.jallcom.2021.160619>,

[Indexed in Web of Science], [IF5.316], June 2021.

95. Neha, Dr. Manoj Bhatnagar, Dr. Praveen Kumar, A. Singh, C. Prakash, "Structural, dielectric, ferroelectric and ferromagnetic properties in Fe-substituted BCT ceramics for energy storage and capacitor applications," Journal of Materials Science: Materials in Electronics, Vol. 32, Page No. 17620, <https://doi.org/10.1007/s10854-021-06295-6>, [Indexed in Scopus], [IF-2.478], June 2021.
96. Dr. Ravi Kumar Shukla, A. Chaudhary, K. K. Raina, "Electrically switchable and optically tunable liquid crystal/ silicone oil based non-aqueous emulsions for electro-optical device applications," Optical Materials, Vol. 117 (In Press), <https://doi.org/10.1016/j.optmat.2021.111147>. [Indexed in Web of Science], [IF3.080], May 2021.
97. Dr. Ravi Kumar Shukla, A. Chaudhary, K. K. Raina, "Dielectric dynamics and optical behaviour of surfactant free LC/silicone oil based non-aqueous emulsions," Liquid Crystals (In Press), <https://doi.org/10.1080/02678292.2021.1931972>, [Indexed in Web of Science], [IF2.9], June 2021.
98. M. R. Goswami, P. Singh, P. Chamoli, S. Bhardwaj, K. K. Raina, Dr. Ravi Kumar Shukla, "Tuning of shear thickening behavior and elastic strength of polyvinylidene fluoride via doping of ZnO-graphene," Journal of Applied Polymer Science (In Press), <https://doi.org/10.1002/app.51260>, [Indexed in Web of Science], [IF-3.12], June 2021.
99. Mr. Aditya Goyal, Mr. Prayas Singh P. Chamoli, K. K. Raina & Dr. Ravi Kumar Shukla, "Eco-friendly Biowaste-based natural surfactant for lyotropic assemblies and Bio-adsorbent for dye removal", Vol. 133, 108871 in press, DOI: <https://doi.org/10.1016/j.inoche.2021.108871>. [Indexed in Scopus], [IF 2.495], Aug. 2021.
100. P. Agarwal, Dr. Suheel Porwal, "Non-edible/waste cooking oil-derived sustainable green multifunctional copolymeric additives for mineral base oil", Biomass Conv. Bioref, <https://doi.org/10.1007/s13399-021-01336-w>. [Indexed in Web of Science], Feb 2021.
101. P. Agarwal, Chaudhary, Dr. Suheel Porwal, J. et al, "Evaluation of renewable

feedstockderived copolymers of stearyl methacrylate-co-triglyceride as multifunctional green additives in lubricant", Polym. Bull, <https://doi.org/10.1007/s00289-021-03611-2>. [Indexed in Web of Science], March 2021.

102. Dr. Jabrinder Singh, P. Bhardwaj, A. Awasthi, "Health implications among school children due to fluoride in underground aquifers of Haryana state, India." Environmental Quality Management, Vol 30 (4) ISSN: 1520-6483 [Indexed in Scopus], DOI: <https://doi.org/10.1002/tqem.21774>, [IF-0.96], June 2021.
103. A. Karunakaran, DR. A. Chaturvedi, J. Ali, R. Singh, S. Agarwal, M.C. Garg, "Response surface methodology-based modeling and optimization of chromium removal using spiralwound reverse-osmosis membran setup." International Journal of Environmental Science and Technology, ISSN: 1735-2630 [Indexed in Web of Science], <https://doi.org/10.1007/s13762-021-03422-y>, [IF: 2.860], June 2021.
104. Dr. Naveen Singhal, S. Singhal, S. Agarwal, M. P. Mudoi, R. Singh, "Chemical conversion of furan dicarboxylic acid to environmentally benign polyesters: an overview," Biomass conversion and Biorefinery, 2021, 021-01871-6, DOI: <https://doi.org/10.1007/s13399-021-01928-6>, [Indexed in Web of Science], (IF- 4.151), August 2021.
105. S. Singhal, S. Agarwal, K. Bahukhandi, Dr. Naveen Singhal, "Face masks: Benefits and hitches amidst Covid-19 pandemic," Der Pharma Chemica, 2021, Vol. 13(7): issue 9, 14-22, ISSN: 0975-413X, Link: <https://www.derpharmachemica.com/archive/dpc-volume-13-issue-7-year-2021.html>, July 2021.
106. Sherya Giri, "Impact of COVID-19 pandemic on pilgrim city. A case of Haridwar, Uttarakhand, India," WEENTECH Proceedings in Energy, Vol. 7, no. 1, pp. 91-96, ISSN 2059-2353, DOI: <https://doi.org/10.32438/WPE.602021>, June 2021.
107. Ar. Abhilasha Pathak & Dr.Aanchal Sharma I. A. Pathak, S. K Mishra, A. Sharma, "Appraising Materials and their Remedial Measures for the Preservation of Heritage Assemblies", NVEO-Natural Volatiles & Essential Oils Journal, Volume 8 Issue 4, (Q3 Category Journal), <https://www.nveo.org/index.php/journal/article/view/1422/1229>, Nov 2021.
108. Dr. Amrindra Pal 2. S. Sarker, K. F. Al-Tabatabai, A. Pal, D. Vigneswaran, M. A.

- Arefin, and Md. K. Islam "Dshape photonic crystal fiber for optical coherence tomography: design and analysis," *Optical Engineering* 60, issue-12, 127109. <https://doi.org/10.1117/1.OE.60.12.127109> [Indexed in Web of Science], [IF: 1.084], Dec 2021.
109. Dr. Santosh Kumar 3. B. Kaur, S. Kumar, B. K. Kaushik, "Recent advancements in optical biosensors for cancer detection," *Biosensors and Bioelectronics*, Vol. 197, 113805 DOI: <https://doi.org/10.1016/j.bios.2021.113805> [Indexed in Web of Science], [IF: 10.618] Nov 2021. DIT UNIVERSITY-DEHRADUN Scholarly Activities Report, October 2021 – December 2021
110. N. Mishra, B. P Pandey, B. Kumar, S. Kumar, "Enhanced electronic and magnetic properties of N₂O gas adsorbed Mn-doped MoSe₂ monolayer," *IEEE Transactions on Electron Devices*, pp. 1-8, DOI: <https://doi.org/10.1109/TED.2021.3116929>, [Indexed in Web of Science], [IF: 2.917], Oct 2021.
111. N. H. Priya, S. Swarnakar, S. V. Krishna, S. Kumar, "Design and analysis of a photonic crystal-based all-optical 3-input OR gate for high-speed optical processing," *Optical and Quantum Electronics*, volume 53, Article number: 720, E-ISSN-1572-817X DOI: <https://doi.org/10.1007/s11082-021-03374-0> [Indexed in Web of Science], [IF: 2.084], Dec 2021.
112. V. S. Chaudhary, D. Kumar, S. Kumar, "SPR assisted photonic crystal fiber based dualwavelength single polarizing filter with improved performance," *IEEE Transactions on Plasma Science*, DOI: 10.1109/TPS.2021.3126671 [Indexed in Web of Science], [IF: 1.222], Nov 2021.
113. G. P. Mishra, D. Kumar, V. S. Chaudhary, S. Kumar, "Design and sensitivity improvement of microstructured-core photonic crystal fiber based sensor for methane and hydrogen fluoride detection," *IEEE Sensors Journal*, pp. 1-8 DOI: 10.1109/JSEN.2021.3131694 [Indexed in Web of Science], [IF: 3.301], Nov 2021.
114. G. Zhu, Y. Wang, Z. Wang, Ragini Singh, C. Marques, Q. Wu, B. K. Kaushik, R. Jha, B. Zhang, S. Kumar, "Localized plasmon based multicore fiber biosensor for acetylcholine detection," *IEEE Transactions on Instrumentation and Measurement*, pp. 1-8 DOI: 10.1109/TIM.2021.3133335 [Indexed in Web of Science], [IF: 4.016], Dec 2021.
115. P. S. Pandey, S. K. Raghuwanshi, S. Kumar, "Recent advances in two-dimensional materials-based Kretschmann configuration for SPR sensors: A Review," *IEEE Sensors Journal*, pp. 1-8, DOI: 10.1109/JSEN.2021.3133007 [Indexed in Web of Science], [IF: 3.301], Dec 2021.
116. N. K. Agrawal, R. Saxena, L. Singh, C. Saha & S. Kumar, "Recent advancements in plasmonic optical biosensors: a review," *ISSS Journal of Micro and Smart Systems*, Print ISSN: 2509-7989, DOI: <https://doi.org/10.1007/s41683-021-00079-0>, Nov 2021.
117. Dr. Nafees Ahamad and Dr. Gagan Singh 11. N. Ahamad, A. Sikander, G. Singh, "Order Diminution and its Application in Controller Design using Salp Swarm Optimization Technique", *Int J Syst Assur Eng Manag* (2021), <https://doi.org/10.1007/s13198-021-01367-6>, [Indexed in Web of Science], Oct 2021.
118. Dr. Sanjeev Kumar & Dr. Ajay Kumar Singh 12. S. Kumar, F. Pattanaik, and A. K. Singh, "Modeling Trade-Employment Elasticity Nexus: Evidence from India," *Emerging Economy Studies* [Sage Publication], Vol. 7, no. 1, pp. 62-75, ISSN 2394-9015, DOI: <https://doi.org/10.1177/23949015211057927>, Dec 2021.
119. S. Kumar, F. Pattanaik, A. K. Singh, and M. K. Pedi. "A Comparative Analysis of Employment Intensity of Growth in South Asian Countries." *Indian Journal of Industrial Relations*, Vol. 57, no. 2, pp. 189-204, ISSN 0019-5286, DOI: <http://www.publishingindia.com/ijir/22/a-comparative-analysis-of-employmentintensity-of-growth-in-south-asian-countries/31939/66370/>, Oct 2021.
120. A. Gupta and R. K. Gupta, "A literature review on behavioral attributes of yoga postures and cognition," *Yoga Mimamsa*, Vol. 53, no. 2, pp. 141-144, ISSN 0044-0507, DOI: <https://www.ym-kdham.in/text.asp?2021/53/2/141/333356> Dec. 2021.
121. D. K. Thakur, "English is used as a lingua-franca in the world for the social and economic exchange between people of different communities & culture", *Quest Journals, Journal of Research in Humanities and Social Science*, Vol. 9, no. 10, pp. 05-10, ISSN 2321-9467, <http://www.questjournals.org/jrhss/v9-i10.html>, Oct 2021.
122. K. Patil & Dr. Manoj Kumar 16. P. Joshi, A. K. Patil, M. Kumar, "Pool Boiling Heat

- Transfer Enhancement Using Perforated Twisted Tape Fins," ASME. J. Thermal Sci. Eng. Appl., 14(6): 064501, DOI: <https://doi.org/10.1115/1.4052341> [Indexed in Web of Science], [IF-1.47], Oct 2021.
123. R. Kumar, M. Kumar, A.K. Patil, "Capacity factor characteristics for a multi-tubular sensible energy storage system with wire coil inserts," Int J Energy Res. 2021; 1- 10, <https://doi.org/10.1002/er.7447> [Indexed in Web of Science], [I. F. - 5.164], Nov 2021.
 124. P. Samruaisin, V. Chuwattanakul, M. Pimsarn, P. Promthaisong, P. Saysroy, S. Chokphoemphun, M. Kumar, S. Eiamsa-ard, "Heat transfer characteristics of a swirling impinging air jet emerging from a triple spiral-corrugated nozzle with a twisted tape installed," Case Studies in Thermal Engineering, 28, 101662. DOI: <https://doi.org/10.1016/j.csite.2021.101662> [Indexed in Web of Science], [I.F. - 4.724], Dec 2021.
 125. A. Das, S. Pradhan, S. R. Das, M. S. Alsoufi, A. M. M. Ibrahim and A. Elsheikh, "Performance Assessment and Chip Morphology Evaluation of Austenitic Stainless Steel under Sustainable Machining Conditions," Metals, Vol. 11, no. 1, pp. 1-23, ISSN 2075-4701, DOI: <https://doi.org/10.3390/met11121931> [Indexed in Web of Science], [IF-2.351], Nov 2021.
 126. R. Rajan, Y. K. Tyagi, Sudhanshu Singh, "Waste and natural fiber based automotive brake composite materials: Influence of slag and coir on tribological performance," Polymer Composite, DOI: <https://doi.org/10.1002/pc.26471> [Indexed in Web of Science], [IF3.171], Dec 2021.
 127. D. Garg, P. Tiwari, "Impact of social media sentiments in stock market predictions: A bibliometric analysis." Business Information Review, Vol. 38 Pages. (4):170-182. <https://doi.org/10.1177/02663821211058666> [Indexed in Scopus], Nov 2021.
 128. K.V. Jain, Arya, V. & P. Sharma, "Social Media and Sustainable Behavior: A DecisionMaking Framework Using Interpretive Structural Modeling (ISM)," Journal of Content, Community & Communication, Vol 14 (7) ISSN: 2395-7514, DOI: <https://doi.org/10.31620/JCCC.12.21/07>. [Indexed in Scopus], Dec 2021.
 129. A. Gupta, V. K. Jain, H. Verma, & V. Arya, "Consumer Green Consumption Behavior: A Myth or Reality in the Information Age? A Study Based on Bibliometric Analysis Approach," Information Resources Management Journal, Vol 35 (2) ISSN: 1040-1628: DOI: <https://doi.org/10.4018/IRMJ.291690>. [Indexed in Scopus], Nov 2021.
 130. Manickam, A., Kumar, P., Dasunaidu, K., V. Govindaraj, D. K. Joshi, "A stochastic SIR model for analysis of testosterone suppression of CRH-stimulated cortisol in men." International Journal of Modeling, Simulation, and Scientific Computing, 2250021. <https://doi.org/10.1142/S1793962322500210> [Indexed in Web of Science], Oct 2021.
 131. D. K. Joshi, N. Awasthi, & S. Chaube "Probabilistic hesitant fuzzy set based MCDM method with applications in Portfolio selection process". Materials Today: Proceedings. <https://doi.org/10.1016/j.matpr.2021.12.52> [Indexed in Scopus], Dec 2021.
 132. N. Kumari, S. Kumar, S. Sharma, F. Singh, R. Parshad, "Basic reproduction number estimation and forecasting of COVID-19: A case study of India, Brazil and Peru," Communications on Pure & Applied Analysis, <https://doi.org/10.3934/cpaa.2021170>. [Indexed in Web of Science], Oct 2021.
 133. S. Raut, A. Roy, K. K. Mondal, P. Chatterjee & N. M. Chadha, "Non-stationary Solitary Wave Solution for Damped Forced Kadomtsev-Petviashvili Equation in a Magnetized Dusty Plasma with q-Nonextensive Velocity Distributed Electron," International Journal of Applied and Computational Mathematics, SPRINGER Article number: 223 (2021), [Indexed in Scopus], DOI: <https://doi.org/10.1007/s40819-021-01168-2>, Nov 2021.
 134. A. K. Pandey, G. N. Singh, D. Bhattacharyya, A. Q. Ali, S Al-Thubaiti, H. A. Yakout "Some Classes of Logarithmic-Type Imputation Techniques for Handling Missing Data" Computational Intelligence and Neuroscience, ISSN: 1687-5273 (Online), DOI: <https://doi.org/10.1155/2021/8593261>. [Indexed in Web of Science], [IF-3.633], Dec 2021.
 135. D. Bhattacharyya, G. N. Singh, T M. Jawa, N. Sayed-Ahmed, A. K. Pandey " An ExponentialCum-Sine-Type Hybrid Imputation Technique for Missing Data" Computational Intelligence and Neuroscience, ISSN: 1687-5273 (Online), DOI:

<https://doi.org/10.1155/2021/4845569>. [Indexed in Web of Science], [IF-3.633], Dec 2021.

136. H. Goyal, K. Thakkar, G. C. Ram, LS Thakur, M. Saxena, Nikhil. T. R, "Ground Water Recharging and Reducing Water Logging Condition Using Pervious concrete", Design Engineering, Issue, no 9, pp. 3208-3225, ISSN 0011-9342, <https://thedesigengineering.com/index.php/DE/article/view/7298>, Dec 2021. Mr. Rakesh K. Pandey & Dr. Anil Kumar Dahiya 31. R. K. Pandey, A. Kumar, A. K. Pandey, and A. Mandal, "Optimized deep learning model assisted pressure transient analysis for automatic reservoir characterization", Petroleum Science and Technology, ISSN 1532-2459, DOI: <https://doi.org/10.1080/10916466.2021.2007122> [Indexed in Web of Science], [IF1.268], Dec 2021.
137. N. Yadav, A. Mittal, J. Ali, J Sahoo "Current updates in transdermal therapeutic systems and their role in neurological disorders, Current Protein and Peptide Science," Bentham Science, Vol. 22 Issue 6 pg 458-469.. <https://doi.org/10.2174/138920372199920111195512>, Nov 2021.
138. M. K. Arora, P. Grover, S. M. B. Asdaq, L. Mehta, R. Tomar, M. Imran, A. Pathak, A. Jangra, J. Sahoo, A. S. Alamri, W. F. Alsanie, M. Alhomrani, "Potential role of nicotinamide analogues against SARS-COV-2 target proteins", Saudi journal of biological sciences, Vol.28, Issue 12, pgs. 7567- 7574, Elsevier. <https://doi.org/10.1016/j.sjbs.2021.09.072> [Indexed in Web of Science], [IF: 4.219], Dec 2021.
139. R. K. Gupta, Swain, S. Ranjan; J. Sahoo, S. Chaudhary, U.S. Sara, "Comparative antioxidant and hepatoprotective potential quercetin and corycavidine from Hedyotis corymbosa (L.) Lam. and Solanum xanthocarpum Schrad & Wendl" Indian Journal of Experimental Biology, Vol. 58 pgs. 776-784, ISSN: 0975-1009, <http://op.niscair.res.in/index.php/IJEB/article/view/56831> [Indexed in Web of Science], [IF: 0.818], Nov 2021.
140. F. I. Himasa, M. Singhal, A. Ojha, B. Kumar, "Prospective for diagnosis and treatment of diabetic retinopathy", Curr Pharm Des, DOI: <https://doi.org/10.2174/1381612827666211115154907>. Online ahead of print [Indexed in Web of Science], [IF:3.116]. Nov 2021.
141. A. Jangra, V. Chadha, D. Kumar, V. Kumar, M. K. Arora, "Neuroprotective

and acetylcholinesterase inhibitory activity of plumbagin in ICV-LPS induced behavioral deficits in rats", Current Research in Behavioral Sciences, Vol. 2, 100060, ISSN 2666-5182, DOI: <https://doi.org/10.1016/j.crbeha.2021.100060>, Nov 2021.

142. M. Singhal A, Panchala SK, Rane D, Mohammad MM, Alshar, E M, Sahu DN, " Study on Network on Transmission of Infectious Diseases in Hospitals," International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS), Vol. 10, no. 11, pp. 1048-1058, ISSN: 2277- 4998, DOI:10.31032/IJBPAS/2021/10.11.1090. [Indexed in Web of Science], [IF=1.709], Nov. 2021.
143. Md. H. Akhter, H. Khalilullah, M. Gupta, M. A. Alfaleh, N. A. Alhakamy, Y. Riadi, Shadab Md, "Impact of Protein Corona on the Biological Identity of Nanomedicine: Understanding the Fate of Nanomaterials in the Biological Milieu," Biomedicines, 9(10): 1496. Doi: 10.3390/biomedicines9101496. [Indexed Web of Science], [IF-6.081], Oct, 2021.
144. Shadab Md, N. A Alhakamy, T. Neamatallah, S. Alshehri, Md A. Mujtaba, Y. Riadi, K. Radhakrishnan, H. Khalilullah, M. Gupta, Md. H. Akhter, Shadab Md, "Development, characterization and evaluation of α -Mangostin-loaded polymeric nanoparticle gel for topical therapy in skin cancer," Gels. 2021, 7(4), 230; <https://doi.org/10.3390/gels7040230>. [Indexed Web of Science], [IF-4.7], Nov 2021.
145. S. Li, Zhongkai Xu, M. Alrobaian, O. Afzal, I. Kazmi, Waleed H. Almalki, A. S. A. Altamimi, F. A. Al-Abbasi, K. S. Alharbi, W. M. Altowayan, T. Singh, Md H. Akhter, Ma. Gupta, M. Rahman, S. Beg, "EGF-functionalized lipid-polymer hybrid nanoparticles of 5-Fluorouracil and Sulphoraphane with enhanced bioavailability and anticancer activity against colon carcinoma," Biotech and Appl Biochem, 2021. DOI: 10.1002/bab.2279, [Indexed Web of Science] [IF-2.43], Nov, 2021.
146. Bisht D, Rashid M, Arya RKK, Kumar D, Chaudhary SK, V.S. Rana, N. K. Sethiya, "Revisiting liquorice (Glycyrrhiza glabra L.) as anti-inflammatory, antivirals and immunomodulators: Potential pharmacological applications with mechanistic insight," Phytomedicine Plus 13 2(1), 100206 (ISSN: 2667-0313) [Indexed in

- Scopus] <https://doi.org/10.1016/j.phyplu.2021.100206>, Dec 2021.
147. V. Kaushik, S. Pathak, H. Sharma, S. Sachdev, S. Anwer and C Prakash, "Impact of edge functionalization on electron field-emission characteristics of carbon nanotubes: A theoretical approach", *Physica B: physics of Condensed matter*, vol.625, p.p. 413491, ISSN: 0921-4526, DOI: <https://doi.org/10.1016/j.physb.2021.413491>. [Indexed in Scopus] [IF-2.46], Oct. 2021.
 148. V. Kaushik, H. K. Kagdada, D. Singh, S. Pathak, Enhancement of SERS effect in GrapheneSilver hybrids, *Applied surface science*, vol.574, p.p. 151724, ISSN: 0169-4332, DOI :10.1016/J.APSUSC.2021.151724, [Indexed in Scopus] [IF-6.707], Oct. 2021.
 149. N Duklan, P Chamoli, K. K. Raina, R.K. Shukla, "Effect of UV light irradiation, pH and concentration on the dye sequestration efficiency of anionic surfactant based selfassembled aqueous mesophases" *Surfaces and Interfaces*, Vol. 28, pp.101629, ISSN: 2468- 0230, DOI: <https://doi.org/10.1016/j.surfin.2021.101629>. [Indexed in Scopus], [IF4.837], Nov. 2021.
 150. N. Duklan, P. Singh, P. Chamoli, K. K. Raina, R. K. Shukla, "Photodegradation and Electrolytic Behaviour Investigations of Cationic Amphiphiles Based Self-Assembled NonAqueous Layered Lamellar Interfaces," *Journal of Material Science: Electronic Materials*, in Press, DOI :10.1007/s10854-021-07618-3. [Indexed in Scopus], [IF-2.26], Dec. 2021.
 151. M.R Goswami, P. Singh, P. Chamoli, S. Bhardwaj, K.K. Raina, R.K. Shukla, "Effect of graphene oxide doping on the room temperature shear and dynamic rheological behaviour of PVDF," *Journal of Dispersion Science and Technology*, in press, pp. 1-11. ISSN: 1532-2351, DOI: <https://doi.org/10.1080/01932691.2021.2013862>. [Indexed in Scopus], [IF-2.26], Dec. 2021.
 152. D. K. Joshi, N. Awasthi, & S. Chaube "Probabilistic hesitant fuzzy set based MCDM method with applications in Portfolio selection process". *Materials Today: Proceedings*. <https://doi.org/10.1016/j.matpr.2021.12.52>. [Indexed in Scopus], Dec 2021.
 153. N. Singh, P. Agarwal, J. Porwal, S. K. Porwal. "Evaluation of multifunctional green copolymer additives-doped waste cooking oil-extracted natural antioxidant in biolubricant formulation." *Biomass Conv. Bioref.* [Indexed in Web

- of Science], [IF:4.987]. <https://doi.org/10.1007/s13399-022-02348-w>. Dec 2021.
154. P. Rawat, P. Gupta, P. Dimri, G. P. Saroha, "Performance Evaluation of an Adopted Model based on Big-Bang Big-Crunch and Artificial Neural Network for Cloud Applications," *Kuwait Journal of Science*, Vol. 48, no. 4, pp. 1-13, ISSN 2307-4116, DOI: <https://doi.org/10.48129/kjs.v48i4.9664>. [Indexed in Web of Science], [IF-0.948], Oct 2021.
 155. A. Kumar, J. Rawat, I. Kumar, M. Rashid, "Computer-aided deep learning model for identification of lymphoblast cell using microscopic leukocyte images", *Expert Systems*, - 11-29, DOI: <https://doi.org/10.1111/exsy.12894>. [Indexed in Web of Science], Nov 2021.
 156. A.D. Mishra, Mustafa K, "A review on security requirements specification by formal methods," *Concurrency and Computataion: practice and experience*, Vol.33, No. e6702, pp.1-17, ISSN NO: 1532-0634. DOI: <https://doi.org/10.1002/cpe.6702> [Indexed in Web of Science], [IF: 1.536] Nov 2021.
 157. Y. Gupta, G. Raghuwanshi, U. Sharma, A.K. Mishra, W.K. Mashwani, P. Goktas, "Impact of Weather Predictions on COVID-19 Infection Rate by Using Deep Learning Models," *Complexity*, vol. 2021, pp. 1-11, Doi:10.1155/2021/5520663. [Indexed in Web of Science], [IF: 2.833], Dec. 2021.
 158. S. Rani, R.K. Mishra, M. Usman, A. Kataria, P. Bhambri, A.K. Mishra, "Amalgamation of advanced technologies for sustainable development of smart city environment: A review," *IEEE Access*, vol. 9, pp. 150060-150087, Doi:10.1109/ACCESS.2021.3125527. [Indexed in Web of Science], [IF-3.367], Nov 2021.
 159. N A Farooq, A.K. Mishra, Ritika, "Analysis of Antioxidant and Rutin Content in Buckwheat Flour Bread by Machine Learning Approach," *Des. Eng.*, pp. 17188-17201, Nov. 2021, DIT UNIVERSITY-DEHRADUN Scholarly Activities Report, October 2021 - December 2021 <http://www.thedesignengineering.com/index.php/DE/article/view/6884>, [Indexed in Scopus].
 160. V. Arya, A. K. Mishra, "Machine learning approaches to mental stress detection: a review," *Annal Optimization Theory Practice*, vol. 4, no. 2, pp. 55-67, Jul. 2021. http://aotp.fabadihe.ac.ir/article_133972_

e76e2b3325f15997830e07bee5314cb5.pdf.

161. A. Prasad, S. S. Verma, P. Dahiya, and A. Kumar, "A Case study on the Monitor Mode Passive Capturing of WLAN Packets in an On-The-Move Setup," IEEE Access, 2021. Vol.9, pp. 152408-152420, [Indexed in Web of science], Doi: <https://doi.org/10.1109/ACCESS.2021.3127079>. [IF: 3.367], Nov 2021. Dr. Anil Kumar
162. S. S. Verma, A. Prasad, and A. Kumar, "CovXmlc: High performance COVID-19 detection on X-ray images using Multi-Model classification," Biomed. Signal Process. Control, vol. 71, p.103272, 2022. [Indexed in Web of science], <https://doi.org/10.1016/j.bspc.2021.103272>. [IF: 3.880], Oct 2021.
163. K. Jain, M. Gupta and A. Abraham," A Review on Privacy and Security Assessment of Cloud Computing", Journal of Information Assurance and Security. Vol. 16, no. 5, pp. 161-168, ISSN 1554-1010, <https://www.mirlabs.org/jias/secured/Volume16-Issue5/Paper17.pdf>. [Indexed in Web of Science], Dec 2021.

“ ARTICLES ”

REPUBLIC DAY 2021
WHAT DO I DO
A JOURNEY

HER WARMTH
AYE ZINDAGI
DEATH

THE HEART
GREATER INVESTMENT IN MENTAL
HEALTH. GREATER ACCESS TO ALL

WHO I AM?
I HAVE SO MUCH TO TALK

Republic day 2021

The wind was biting cold, and it was 26th January

Fog was all around, and it was Lahore. The river Ravi was flowing...

The kachehri was closed and on its roof was the British flag. Those three stood silently, their bodies stuck to the wall. The dawn was quite distant still. But they could hear the breath of the morning.

That night they would climb to the roof And bring down the British flag

The three of them had resolved to change the attire of India!

Zafar was on the pole when the bullet exploded in his head

The drops of blood flew across the country.

The wind is biting cold, and it is 26th January. Fog is all around

The celebration is on in Delhi. In Lahore the river Ravi is flowing.

-Wamiq

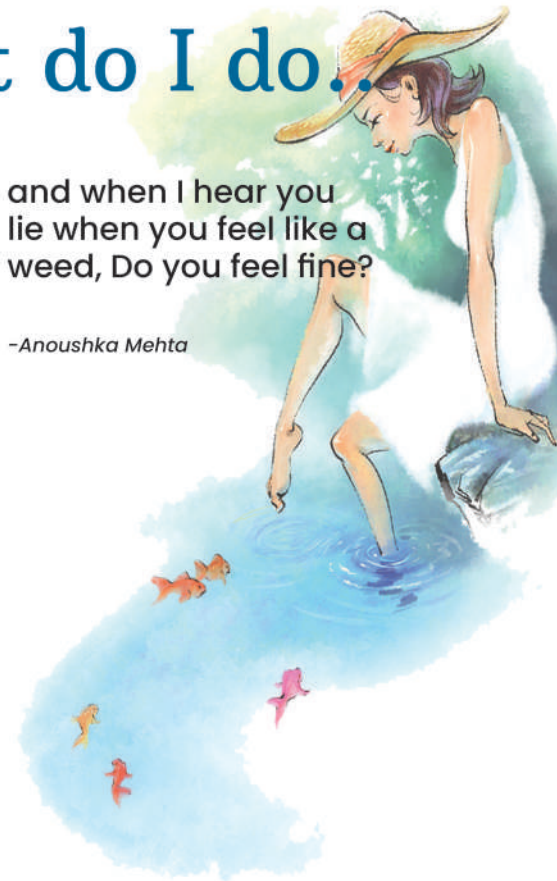
What do I do...

What do I do as I watched you slipping away giving him daffodils telling him your love driving away his fears making him laugh I see you smiling at flowing river how constant you feel jealous. Admiring little children how innocent you crave it And looking at sky at times

how mesmerizing you hate yourselves He can't see you smiling though your tears dismissing your feelings which are irrelevant and lost They turn blind eye to your Fidgeting in your seat Picking at your brows Eating your nails How did no one notice? What do I do when I see you cry

and when I hear you lie when you feel like a weed, Do you feel fine?

-Anoushka Mehta



A Journey

An unexpected escapade, at dawn wanders this lone specter
Of flesh and blood and senses,
His companion joins him, an acquaintance had introduced, they begin
Dawn it was one must remember, pure and refreshing

Thoughts a swirling tornado, yet the center in motion with a strange calm.
"There you go", a voice announced
A journey short lived I see.

"The destination awaits so do some experiences", this kept the specter motivated
Again, he embarks, just this time, an odyssey.
A short wait one would say, a new companion a new journey
Yet somethings were same, somethings he cherished, somethings worth the change

Town after town, memories revisited the conscious.
From a place, hidden away by a mysterious blend.
Those flow of moments, gave the color.
Flavored by a hard rewind.

The four-legged companion harked, "This is not the place", specter wondered.
A pause just like other times, necessary.
The journey must continue, for the flow of moments stops for none, he knew.

Finally, the specter arrived,
But the odyssey remains.

-Pranshu negi



Her warmth

Her warmth I was standing there gazing at her, Contemplating and observing her. Looking at the gleam, she is flinging there, Full of hope, full of care. She peeped at me, I peaked at her, She smiled at me, I beamed back her. She was there working while humming, How can someone be so neutral? I wondered, It was her affection and motherhood which I can observe.

Yes, she is my mother, my saviour, my only inclination, She believed in me, she cared for me and defended me, And made my life worthwhile. She saved me from all the odds, Badness and even from the wicked ones. I feel secure when she holds me up, Like she is my mother angle and I am her cherub. She created me, I am a part of her, She cherished



my chaos, and i am indebted to her. The benevolence and selflessness she holds, Yet always comes out as persistent and self-assured. Mother can manage and sacrifice everything with her strength, And all a top with her warmth.

-Aditi Kandwal

Aye Zindagi

Aye Zindagi to kyu bhaagi chali jaa rahi hai Yuhi beeti chali jaa rahi hai, Zara ruk toh sahi, Mujhe jee toh lene de ! Thehar ke thoda duniya dekh toh lene de, In tezz gadiyo, in mushkilo ke bich Thoda sukoon se khud ko samajh toh lene de.. Ki main shaam ka

doobta Suraj ya Baarish pehli boond mehsus toh karlu.. Woh raat mein taare, woh subha subha chidio ki cheh-chahahat dekh toh lene de Is lgatar aagey badhti duniya ke bich do pal aaram se aas paas dekh toh lene de ! Kal fir zimedariyan wahi honggi, aur

bhaagti gaadiya, chalti duniya yoohi aagey badhti rahegi ! Kyu na do pal ruk ke iss behti hawaa ko Sukoon se mehsus Tu mujhe ker lene de ?

-Sanyvani

Death

Death is peaceful why fear it it is freedom freedom from life itself.

it is life one should fear, as although we are alive, are we for whom are we living, for whom are we working, when it is just a destination, towards our final destination.

death is peaceful, it releases you from all the bounds and expectations, although we all smile and laugh, are we really happy, we think that desires keep us alive, but do they. may be they are just mere reminder that we cannot have it all.

life is nothing, but a journey, a journey with the baggage of emotions, feelings and strings. but at the end, it is just you. so why fear death, when it is the finish line.

- Sanjivani

Today I tried capturing
The mundanity of life
An easy task peached to be
The basics of the basics

But try shooting the light as it is
The sparkles dimmed down

Hold the sweater with your pen
The owner nowhere to be found

Next to them lie the chairs
Can you replicate the emptiness?

Sketch the objects and their shadows
Put your perspectives aside

Try to capture life as it is
Still you'll find
A smudge of your person
Lurking on all sides

-Samika (BA Hon. Psychology)

Heart

Wherever your heart takes you
Walk with it, walk with it.
Tune in to its beautiful rhythm and pursue,
It will definitely paint your frame with phenomenon hues,
Believe in it, Believe in it..

The endless winsome and miserable experiences ,
The infinite mesmerising hours of life ,
The feelings ,emotions and every pinch of heartfelt events,
Are stored deep inside the core of hearts
Dwell into it , Dwell into it..

The dismantling of thoughts into threads of memories ,
Which once unlatched cannot be ceased,
The one has to get fully wet in the rains of elated and as well as betrayed
stories,
Live with it , Live in it.

Wherever your heart takes you
Walk with it, walk with it.
Tune in to its beautiful rhythm and pursue,
It will definitely paint your frame with phenomenon hues,
Believe in it, Believe in it..

The beauty of a heart is –
It never guides you to the unethical pathways,
Always exhibit the true essence of peace,harmony and roads to success.
Closed eyes and a hand by the side of heart and deep breaths,
Aids in regaining the broken belief,
And mends it with hope ,trust,motive and peace,
Assimilate it , Assimilate it.

Wherever your heart takes you
Walk with it, walk with it.
Tune in to its beautiful rhythm and pursue,
It will definitely paint your frame with phenomenon hues,
Believe in it, Believe in it..

–Anisha Rajpurohit (BA Hon Psychology 2nd year)

Greater Investment in Mental Health, Greater Access to all

Life is a beautiful river,
Where sometimes huge waves of barrier occurs,
It struggles through every storm,
Mentally, Emotionally and Psychologically.
And moves forward ,
For better days ahead.

Just for the sake it moves on,
As these difficult times and days when turn on,
It tears apart – the Hardware and Software of the brain ,
The mental process ,the capacity of working process breaks down in pain,
Minutely, Majorly and Severely.
The overall Mental Health shakens,
While passing through events that threatens.

So its mandatory to pay very significant attention ,
To prioritize mental health,
To stabilize mental misbehaviour.
These difficult days shall pass , but
Once loss of the capability of the nervous system,
Less chance of regaining back the sense of mental system.

Greater investment in Mental Health , Greater access to all,
Greater focussing and caring for mental health , Greater solution for all.

Flatter the fragile mind,
Always try to be kind,
Whatever happens ,happens for a reason,
Let's move on ,let's move forward ,
For better times ,for better achievements.

My mental break down is not the need of the hour,
But the art of understanding with patience is the need of the hour.

Console the brain to become an artist.

Who never stops ,never waits,
Never fears the challenges,
Faces every problems and drawbacks,
And presents a remarkable performance ,
In every pathetic situations ,in every feeble conditions,
Carefully, Beautifully and Gracefully.

Life experiences,
Different pains which affects brains.
Fill the positivity in Thinking and Perceptions ,
Memory and Emotions,
Behaviour and Speaking Modulations.
This creativity of intellect teaches-
Never quit, never give up speeches.

Stay rooted towards intelligence of mental situation,
Rather, falling into depression.
And with heart and mental determination,
Move ahead for the best days and best creations.

Whenever brain falls mentally weak ,
With sorrow and griefness ,
Imagine one's self in the world of stars,
A star that always shines and glitter,
Through the light and the darkness,
Through happiness and sadness .
No matter what, its shine never decays.
Move steadily ahead ,
Seek for greater adventures and journeys ahead.

Greater investment in mental health , Greater access to all.
Greater amount of seriousness paid towards mental health , Greater
resolution for all.

-Anisha Rajpurohit
(B.A Hons Psychology 2nd year)

Who am I ?

I Am Just A Human Being
Who Wants To Be Free From Everything
I Am A Judgementalist
Who Don't Want To Get Judged
I Am Loser And A Winner
I Am Serene But Sometimes I Am Bizzare.
I Have My Doubts, I Even Make Mistakes
I Am Resilient, But Sometimes I Am Fragile.
I Am A Dancer And A Painter
Who Loves To Reflect Her Self
And Her Thoughts
I Am Fervent And A Lollygagger
I Don't Want To Be Someone Else
I Want To Be Myself With Some Pros And Cons
Because
That's Who I Am.

-Shreya Singh, Btech CSE

I have so much to talk

I have so much to talk And so less to live,
So, I pen down my thoughts and all that I think
To uplift the curse of my pity being
I am tearing through the pages And, running out of ink.
I fill pages when I write, I fill diaries when I write.
I tend to ink the skies, I have so much to talk
I don't want to die Lease me my body for sometime
Oh almighty I will praise you, not in lies.
I will write the one truth, in different frames.
So that lovers and devotees can worship different names
I will record every moment of time
I will immortalize every tear you cry
Forgive my pride for I am not great
I am restricted by language, pardon my mistakes
I intend to express my love for god who creates.
We are all one soul, representing this place
I have so much to talk and so much to write

-Sidhant Mani Tiwari

Cultural Values of Indian Education System: A Contemporary Approach

The process that gives young people an initiation into values, giving knowledge of the rules needed to function in this mode of relating to other people, and to seek the development in the student a grasp of certain underlying principles, together with the ability to apply these rules intelligently, and to have the settled disposition to do. Themes that values education can address to varying degrees are character, moral development, Religious Education, Spiritual development, citizenship education, personal development, social development and cultural development.

Youth: Supreme value of youth period is incalculable and indescribable. Youth life is the most precious life. Youth is the best time. The way in which you utilize this period will decide the nature of coming years that lie ahead of you. Your happiness, your success, your honor and your good name all depend upon the way in which you live now, in this present period. This wonderful period of the first state of your life is related to you as the soft wet clay in the hands of the potter. India has always idolized its icons and made has made their character into a national phenomenon. During the early Vedic times, knowledge was all important and hence we placed our Rishis and hermits on the highest pedestal.

Character Education: Character education is an umbrella term generally used to describe the teaching of children in a manner that will help them develop as personal and social beings. However, this definition requires research to explain what is meant by "personal and social being". Concepts that fall under this term include social and emotional learning, moral reasoning/cognitive development, life skills education, health education; violence prevention, critical thinking, ethical reasoning, and conflict resolution and mediation.

Culture and Values: A recurring theme that runs throughout my work is that inadvertently buying into the values that predominates popular culture, for example, winning, status, power, appearance, and conspicuous consumption, is a leading cause of life dissatisfaction. The popular culture in America today—as reflected in our various media—no longer has the time, attention span, or energy to devote to weighty and deep issues such as values. Thus, the pursuit of wealth and material goods has become the dominant "value" in much of our society in the

mistaken belief that these values will bring people happiness.

Moral Education: Knowledge should not be made remote from individual reality and irrelevant to the individual. Knowledge can never be 'learned'. Knowledge is the fruit of experience and experience is the sensation of the individual. Individual experience is an internal happening and is the function of awareness. Education in values is essential in helping each one of us directly encounter the values that we hold, understand them completely, so that we may order our relationships to the environment that lies outside us.

Values education: Values education is the process by which people transmit values to others. It can be an activity that can take place in any organization during which people are assisted by others, who may be older, in a position of authority or are more experienced, to make explicit those values underlying their own behaviour, to assess the effectiveness of these values and associated behaviour for their own and others' long term well-being and to reflect on and acquire other values and behaviour which they recognise as being more effective for long term well-being of self and others.

Cultural-values: Cultural values are speculative and there is nothing wrong with speculating. But it becomes wrong when speculation becomes 'truth', when opinion becomes 'fact' and when prejudice becomes the 'cause'. When cultural values are elevated to the status of universal values, there is the risk of intolerance, oppression, demagoguery, brutality and aggression. A spoon can serve the function of lifting food but so can a fork, a knife, a spatula or bare fingers. A cultural value similarly has limited relevance and the fact that it serves a particular function in a given society does not imply that it is the only or best way of doing so.

Thus, the education pattern of Indian values suggests that Indian Education has some lacking in spite of that genius students are emerging in India and spread around the world. I also agree that the vast majority of Indian Schools not considers to the development of critical thoughts among students and primary education is in worst situation due to much poverty, not even the students not willing to join in primary education but their parent also not willing. The process is holistic and developmental, demanding a great deal from the school's community. However, the demands have a tremendous return in terms of improved ethos, relationships, pupil behaviour, quality of work and general achievement. Today while the value of 'creating wealth' by itself is not demeaning, the way it is created is what my concern is. When your only 'value' is making money and not how you make it, what becomes the first casualty in society are our 'VALUES'.

Dr. Deepesh Kumar Thakur,
faculty of English in DIT University, Dehradun

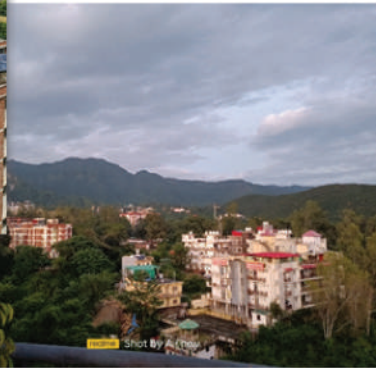
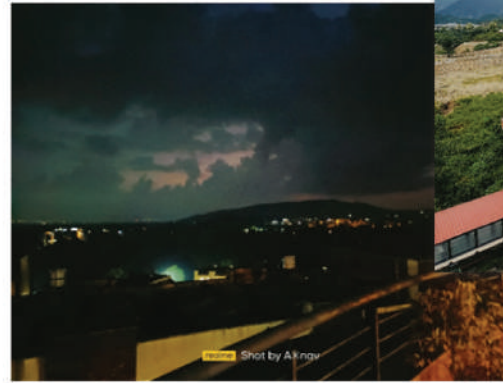
Dr. Deepesh Kumar Thakur, faculty of English in DIT University, Dehradun, having PhD., MA in English (Language & Linguistics), MBA (Finance) & DCA from BRA Bihar University, Muzaffarpur (Bihar). He is native of a village-Kansi, Darbhanga (Bihar). He has fourteen years of rich experience in teaching-supervising of Ph.D., PG & UG students in University & Corporate sector, NSN Ltd. India. He is visiting faculty in Lingaya's Institute of Management & Technology, Faridabad. He holds an administrative position in World College of Technology & Management WCTM, Gurgaon (HR) as a coordinator in the department of Applied Science. He is Life Member of "English Language Teaching Association of India-ELTAI". He has authored book, 'English Language for Professional & Technical Education', Germany (Europe) & books of B.Ed. & M.Ed., India.

He has presented forty papers in International & National Conference and published in proceedings. The fifteen research papers published with diverse themes in reputed Journals & Ten chapters published in edited books. Editing International & National Journals, 'Mirrorview' (USA-Germany) & IJER (India) & Magazine-WCTM Pulse. His research interests are English Language, Literature, Linguistics, Translation Studies, Diasporic literature, Indian English Writing, Management. Apart from this, he has keen interest in various languages like, Maithili, Sanskrit, Hindi, English, Nepali, Bengali.



PHOTOGRAPHY & ARTS





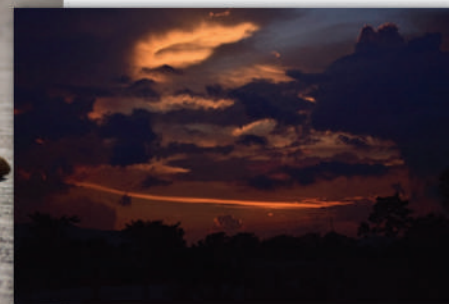
-Arnav Agarwal (Electrical)



-Chahat Jain (CSE)



-Akshat Rastogi (CSE)



-Yash Suyal (CSE)



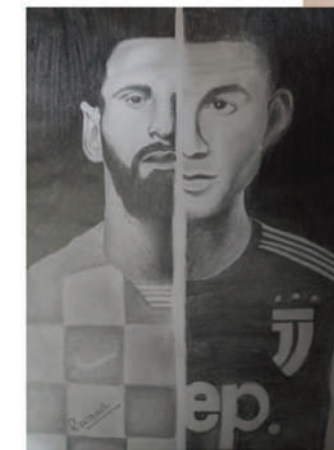
-Varima Palak (BA Psychology)



-Mukul Goel (Btech, 2nd year)



-Ambika Kumari (IT)



-Devansh kr. Singh (Btech 1st year)

Bindas Bol

Editors



DIT was just an option for me until I have not visited here, but the moment I visited here I was sure that I have chosen the correct option. Till now things and experience here in DIT is exceptionally well. If I talk about faculty management and my senior everyone is at pin point to me. Though COVID ruined our university

life but the management helped here to tackle the virus and to bring back normalcy in university each and everything. At the end I would like to say it's a different world with citizens of every nationality and culture.

– Wamiq

My university experiences thus far have been amazing. I have learned and experienced so many new things in such a short period of time, and it has gone by so fast. I am still discovering all the opportunities that university offers me. DIT is a very welcoming place, and from the first day, I felt like home here. I have made many new friends from many



different backgrounds. My experience in college has also allowed me to gain more knowledge about a variety of literary authors and types of literature. I have also learned more about what short stories and poems are and how to tell difference between them. Also, reading those classic pieces has given me insight into what it was like to live in the author's time era and what the oppressed female writers had to go through. Not only is this knowledge interesting to learn, but recognizing the differences between various methods of story-writing will also help me to be more versatile as a writer, thus improving my future career. Time has been flying by and it's hard to believe that I am already in my second year. Life at Dit is a great experience that I plan to make the most out of.

- Sanjivani



Firstly, my experience in DIT college has given me a chance to sharpen my many opportunities in improving my practical skills. I gained self confidence and new knowledge too, particularly in the English program, which has also allowed me to gain more knowledge about a variety of literary authors and types of literature. Had I not decided to attend

DIT, I would never have known about classic writers like Geoffrey Chaucer, Charles interesting to learn, but recognizing the differences between

various methods of story-writing will also help me to be more versatile as a writer, thus improving my future career. In Pratibim, I gained confidence in my writing, which is something that I'd really needed in writing as an encouragement. I'm happy for all the help and support that I got from all the members in this club.

I hope to learn and experience more from Pratibim.

- Rosey



DIT University has provided me a confidence to thrive and an encouragement towards my goal no matter how big it is. I am thankful for my teachers who has given me an exquisite chance, and opportunities to expose myself towards my development and growth. Being a part of Pratibimb and working in a college magazine is a wonderful part

of being a DIT University student. I hope to give my best and learn as much as I can do.

- Mahak Biswas



Coming from a small secluded town, I never that I got from all the members in this club. I hope to learn and experience more from. Pratibim. opportunities to expose myself towards my development and growth. Being a part of Pratibimb and working in a college magazine is a wonderful part of being a DIT

personality development. And being a part of Pratibimb has given me an entirely new and yet essential experience. I got the chance to interact with so many minded people and it just kept widening my thoughts. What a worthwhile journey it has been.

Naina Adhikari

University student. I hope to give my best and learn as much as I can. ing if I said I didn't get a handful of friends I'm actually really grateful for and a lot of networks and connections being formed as I coursed through. I found me, came out of my shell, became this new person, started looking after myself but I also had my fair share of mistakes and I guess the ups and downs, the good and the bad formed me and my beliefs. I'll be grateful to this university for university for everything it has given me.

- Anoushka

My experience at DIT University has been exceptionally great. From very understanding and intellectual faculties to beautiful campus infrastructure, life in DIT memorable journey. I have got the platform in not just academics but in other curriculum activities too, that have helped me in



Designers



It is always a great feeling to be a college student. And being at DIT, it has always provided me with various opportunities and helped me in enhancing my skills further. Working for PRATIBIMB has taught me about team work and it made me realise that *"None of us is as smart as all of us."* I am really blessed to work with a

team like this. Excited about what future holds for me.

Kudos!!

– **Shivam Rai** (Design Co-head)

It's been a lot of fun designing the PRATIBIMB magazine. In design, I believe that observations are valuable when you try them out, play with them, and mould them to fit the context, and PRATIBIMB has provided me with that opportunity. With a fantastic design team on board, achieving goals appears to be a lot easier, regardless of the work or task at hand. As a result, we have been able to deliver for the third time. We aim to collaborate in the same spirit



and bring our best to the table.

– **Parth Garg** (Design Co-head)



I've been part of pratibimb from last 3 years every and year it provided me with different challenge, an opportunity to communicate my expression and with changing trend. Now a days design is more about presentation, aesthetics, minimalism and clean. Keeping these in mind we bring out pre eminent work from

previous years. We've pick befitted team members who are working along with us and eventually passing our expertise to them.

– **Shivam Kashyap**

I been a part of the team for a year now, and it's already been great. In this difficult situation D.I.T has helped me a lot providing experiences and knowledge. There's so much to learn, youwork along, communicate it gives you a great experience. Being interested in designing, I want to evolve my work, and this team helps me to achieve that, I'm glad to be a part of this team.



– **Diksha Verma**

I remember the day I came to this college with no expectations but now providing me all the opportunities, DIT has helped me to learn and interact with others to a degree that has also helped me to mature into a better person. I have come to believe that this maturity will help me to develop into a better thinker as well, one that has the patience to listen and take consideration of what others have to say. DIT is truly helping me to pave my path for future.

– **Smruti Raushan**



It's been one year working with this clubs which enables me to connect with others who share similar interests as me. Being a part of this club helps me to gain knowledge, skills and experience in leadership, communication, problem solving, group development and management , finance, presentation and public speaking. I am gratified to be part of this wonderful team.

– **Vaibhav Joshi**



As, a part of Pratibimb i learned a lot to work as a team especially when you are a lockdown student. For designer student it is hard to manage everything talking about the dead-lines or creative work it really gets hectic. So I wanna add that this work gave me a opportunity to pitch my skills for something

useful at the same time taught me to manage my time efficiently. Experience working for it was heartwarming I'm happy and grateful that they gave me this chance to showcase my little learnt skills.

– **Jahanvi Kotnala**

Being a first year student I was really thrilled and excited when I was offered to work for the university magazine. Being a part of the design team of 'Pratibimb' was an overwhelming and a proud moment for me. It was an entirely new experience which exposed me to try my hands on new softwares and enhance my designing and layouting skills. I thank the API Club and DIT University for giving me this opportunity at this initial stage. I would surely want myself to be a part of Pratibimb



team in the upcoming years too.

Debdatta Maitra

I've been part of pratibimb this year but this year while working for the magazine I learned a new designing software which was very unique and new for me but my mentor Shivam kashyap sir helped me at every step. I thank API club for giving me opportunity to be part of pratibimb and I also thank my mentors for helping me in my learning process. It was great fun while designing the magazine.



- Raghvi Goel

PRATIBIMB

DIT University, Mussoorie, Diversion Road, Makka Wala,
Uttarakhand, 248009

Instagram : @dituniversity
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