

The greatest enemy of knowledge is not ignorance, it is the illusion of knowledge. - Stephen Hawking

MESSAGE FROM THE VICE CHANCELLOR



I am gratified to learn that DIT University is bringing out yet another issue of its quarterly newsletter "Aarohan". Aarohan remains for years, a chronicle of students' achievements and creativity which not only mirrors the organization but also its vision.

The dynamics of the fast-changing world urges the academicians to give the right impetus for making life-long learners out of students. The progress of our university has magnified in all areas-academic as well as non-academic as a result of exuberance, coordination and perseverance on the part of staff and students.

I congratulate and appreciate the Editorial board for sifting and culling out the best for this edition.

FLAVOUR OF THE MONTH

With the advent of the chilly days in the month of January, the ditians were ready to begin the new semester with galore zeal and enthusiasm. The energy in the environment was a testament to the fact that students were looking forward to the new semester especially after a tiring set of end semester exams of the previous semester.

The Lohri celebrations were held on 13th January marking the end of the Winter Solstice and the sowing of the new crops. Also celebrated as Pongal and Bhogi, the event saw a huge turnout. The celebration of Republic Day on 26th January, filled a sense of patriotism and a national fervor in the DIT campus. With the shortest month of February, the chilly air was transformed into a pleasant breeze. It was a busy month as the mid term exams were organized. In March, the annual college sports meet Sphurti 2018 was held. A sense of competitiveness was felt around the campus and a lot of students took part in the event to bring honor and laurels to the college. Also, the DIT Founder's day was held on the 13th March. It was quite a spectacle to behold as it coincided with the last day of Sphurti.

INTERVIEW WITH THE DEAN ACADEMICS

1. Sir, how do you feel about the progress and achievements of DIT in the field of academics so far?

Having joined DIT University on January 22nd, 2018, I think it's too early to comment on the progress and achievements of DITU in the field of academics at this stage for me. However, I am in the process of getting the complete picture of student learning based on current curriculum and other factors. In due course of time, my interaction with various stakeholders, particularly the alumni, shall give me a fairly good idea on progress and satisfaction level of students.

2. What do you think is the single biggest challenge DIT is facing in academics right now sir?

Students today must continuously upgrade themselves in order to excel in professional life. The real challenge lies in inculcating the experiential learning in students during the academic process itself, as I understand, that the best knowledge results from a combination of grasping experience and transforming it. Students today need to invest more time in laboratories, and doing project works more sincerely than ever.

3. Sir, how would you like to change or manage the academic growth of DITU?

My focus would be on making students work on the multidisciplinary activities based on real-life problems. That would lead to true academic growth.

4. Sir what do you think are the most important current debates in academics?

To handle vast knowledge base in different areas, silos were created. So, we have specialization in arts, medicine, engineering, etc. Evolving a process of dissemination of knowledge to help students solve real-life problems effectively, is a big process in academics.

DEPARTMENTAL NEWS

MECHANICAL

- Dr. Anil Patil , attended the 5th International Symposium on Heat Transfer and Energy Conservation, Guangzhou, China.
- Dr. Manoj Kumar attended a workshop at the International Conference Brunel University, London.
- Mihir Pant, ME-AE (2nd Year), participated and stood 3rd in the All India Amateur Games and Sports Federation for Badminton in the senior category.
- MrPankajChandel is performing an experimental investigation on “Interlaminar Fracture Toughness in Composite Materials with Crack Developed Between Two Plies of Dissimilar Material” funded by DIT University.
- Mr. Gaurav P. Shrivastava is performing an experimental investigation “Heat Transfer & Pressure Drop in a Circular Tube with Perforated Conical Inserts” funded by DIT University.
- The DIT Motoracing participated in the All India Moto-Racing Championship.
- Team Audacious participated in the BAJAJ All-Terrain Vehicle Championship.

INFORMATION TECHNOLOGY

- Asst Prof Garima Verma and Dr. Rama Sushil , published a paper on “Deployment of cloud using open source: Study of VM migration methods and benefits”, in Big Data Analytics, Advances in Intelligent Systems and Computing, Springer, Vol. 654, pp. 553-563, in 2018. (First online in October 2017)
- Asst Prof Narendra Kumar, Asst Prof H.S. Shukla, Asst Prof R.P. Tripathi, published a paper on "Image Restoration in noisy free images using fuzzy based median filtering and adaptive particle swarm optimization-Richardson-Lucy Algorithm" , in International journal of Intelligent Engineering and Systems, vol. 10 ,issue 3, in 2017. (H Index-5, SJR-0.1)
- Asst Prof T. Santosh , attended the 6th International Conference on Frontiers Of Intelligent Computing: Theory And Applications (FICTA), where he presented a paper on “ A Hybrid Cluster Approach for Anomaly Detection using Big Data” at KIIT Bhubaneswar from 13-16 October, 2017.
- Asst Prof S. Mandal , attended the IEEE International Conference conducted by IEEE Kolkata Chapter, at Techno India University, Saltlake, Kolkata from 24-25 December, 2017.

ELECTRICAL

- Mr. Mohit Bajaj presented & published a paper in 3rd IEEE International Conference on Nanotechnology for Instrumentation and Measurement (NANOFIM) held at Electrical Engineering Department, School of Engineering, Gautam Buddha University, Noida on November 16-17, 2017.
- Mr. Prasanjit Kar will attend International Conference on “Power Control of Off-Grid Wind Energy Conversion System through DC Link Voltage Control” at IEEE Kolkata Section from 2nd to 3rd December 2017.
- Mr. Arjuna Muduli will attend Conference on “Transmission Line Model for a Series fed Log-periodic Microstrip Antenna array” IEEE INDICON-2017, IIT Roorkee, 15-17 Dec 2017, Roorkee, India.

MBA

- MBA Department organized a one week FDP programme dated December 18 to 24, 2017 on Structured Equation modeling wherein 30 participants from across India attended the same.
- Dr. Suresh K. Bhatt, Professor Emeritus for life, University of Manitoba, delivered a life sharing experience to students of MBA first year during January 2018.
- Dr. Vijay Jain presented a paper on cultivating green consumerism “understanding consumer attitude towards green product using structural modeling equation approach in International Conference held IMS Unison University on January 2, 2018.
- Three days Entrepreneurship Awareness Camp from 5-7 October, 2017, along with Business Plan Competition in association with EDC Cell funded by DST-NIMAT.
- A Guest lecture by senior Chartered Accountant and founder of MACROSGLOBAL , Mr. Sameer Gupta was organized on 26 October, 2017.

FOUNDER'S DAY

DIT University celebrated its Founder's Day on 13th March, 2018 in the University Campus with great honor and magnificence. Late Shri Naveen Aggarwal, laid the foundation of the University in 1998 which was previously known as Dehradun Institute Of Technology. DIT has been established by Govt. Of Uttarakhand vide Act No.10 of 2013 dated 15th February, 2013 recognized by UGC under Section 22 of the UGC Act, 1956. The celebration of this auspicious occasion was concluded with the distribution of certificates to the faculty members and students who participated in "SPHURTI 2018". Shri Pushpak Jyoti, IPS & DIG, Garhwal Range, Uttarakhand graced the occasion as the Chief Guest.



NATIONAL SCIENCE DAY

Department of Physics celebrated the National science day on 10th March 2018 at Seminar Hall, Civil Block. The ceremony commenced with the felicitation of the judges and the Chief guests. A speech on "Sleep and Stress" was given by Dr. Deepak Goel, Senior Neurologist, Max Hospital, followed by a talk on "Science – A doorway to reach the Ultimate Reality" given by Prof. Patrick Das Gupta, University of Delhi. A debate competition was also organized on the topic "Google Made Our Minds to Think Less". The active participation by the students showed that the event had achieved its objective. Great enthusiasm was shown by the students and faculties in the poster making competition. The celebration concluded with greetings and prize distribution.

"DESIGN & DEVELOPMENT OF ANTENNA" WORKSHOP

A workshop on design & development of antenna was organized by the Institution of Electronics and Tele-Communication Engineers-SF Chapter, Department of ECE from 8th - 10th February, 2018 with the objective to gather scholars, researchers and practitioners who are involved in RF microwave and Antenna or related fields.

Highlights of the workshop were:-

- Lecture series on antenna-Reconfigurable Antennas, Smart Antenna, Leaky Wave Antenna, Conformal Antenna, Cognitive Radio Antennas etc.
- Modeling of sorted antenna using CTS/HFSS/ADS Software
- Development of prototype antenna on PCB printed machine poster presentation

TATA CRUZIBLE QUIZ 2018

The TATA CRUCIBLE QUIZ took place in the Vedanta auditorium on 16th of March after 1:30 PM. The quiz brought together more than 500 participants from all around Uttarakhand. Students from different colleges including IIT ROORKEE, UPES, DIT UNIVERSITY and others took part in the quiz. Prof. (Colonel), Shishir Kumar sir was the guest of honor and distributed the prizes among the winners and motivated the participants for future opportunities. Vishnu B. and Prateek Awasthi from UPES were declared the winners with Aayush J. and Hemant K. from IIT ROORKEE winning the runner-up award.

Finalists

- UPES: Vishnu B and Prateek Awasthi
- IIT Roorkee: Renju K. and Utkarsh R.
- DIT University: Shubham and Saksham G.
- Indian Institute of Remote Sensing: Anurag K. and Vaibhav C.
- IIT Roorkee: Vineet and Ciby
- IIT Roorkee: Aayush J. and Hemant K.

20 YEARS OF EXCELLENCE IN ACADEMICS

"Dehradun institute of technology university" is one the premier educational institute located in the doon valley covering 21 acres of lush green campus. DITU was born in the year 1998 and has successfully completed it's 20 years of excellence. During this period of 2 decades, it has grown leaps and bounds in each and every dimension be it academic achievements, infrastructure or making its place marked among the top institutions. The DITU family has been expanding each and every day with around 350+ faculty members, 6600 bright students and 15000+ glorious alumni. With the accession of multiple diploma, undergraduate, postgraduate and doctoral programs, it has created a holistic education culture. In a nutshell, DITU has grown enormously and is continuing to do the same in order to reach even greater heights of success.

SPHURTI

To incorporate the values of leadership, sharing, team spirit and tolerance into the developing minds of students Sphurti 2018 was organized from 11th to 13th March, 2018. The competitions began at various fronts amongst various colleges from within the city and the nation. With knockout matches of Cricket at Survey Ground, football league matches at Pavilion Ground and Badminton and Volleyball matches at Parade Ground, began the war for Inter-College Sphurti Trophy. Students participated in large numbers for playing as well for coordinating the event. The day 1 concluded with many neck to neck competitions, victory for a few, and a spiritual win for all. The day two commenced with immense zeal and enthusiasm and started off with the torch bearing ceremony. The second day proved to be a victorious one as the Badminton Championship was won by DIT Boys Team. The day three of SPHURTI-2018 began with UIT winning the football championship by defeating UPES in final of the football tournament. The final of the Cricket Championship was a nail biting encounter as DIT Cricket Team defeated the IMS Cricket Team and were crowned as the overall champions of the tournament. The Award Ceremony was held in the DIT Auditorium in the presence of all the dignitaries including the Vice-Chancellor of the university. The trophies and certificates were awarded to the winners of all the tournaments of different colleges.

STUDENT ACHIEVEMENTS

International Women's Day is celebrated on 8th March every year. It is a focal point in the movement for women's rights. DITians honoured women by celebrating Women's Day in a grand and resplendent manner. The celebration began with the felicitation of the Chief guests. This great celebration was graced by the presence of many great women dignitaries from various parts of the country. A speech was also given by the Chief Guest – S.S.P Nivedita Kukreti. The speech focused on major issues like women empowerment and gender equality. Nazia Yusuf, Chairwoman of W.I.C was also present in the ceremony. On this occasion, free health checkups were also provided to the female staff members, faculties and students. The celebration concluded with greetings and gift distribution.

BLOOD DONATION CAMP

National Service Scheme (NSS) Unit of DIT University lead by Dean Alumni Association, Dr. Naveen Singhal, Dr. Jabrinder Singh and Dr. Praveen Kumar collaborated with IMA Blood Bank of Uttarakhand, SGRR Institute of Medical and Health Science, Dehradun, and others organized a blood donation camp in DIT University on 20th March, 2018. Inaugurated by Vice Chancellor, Dr. K.K Raina, in the presence of Dr. Nafeez Ahmad, the camp was successful in collecting around 200 units of blood. The student volunteer team lead by head coordinator, Abhinav Nayak played a crucial role in the success of the camp.

WORKSHOP ON ENHANCED OIL RECOVERY

DIT University SPE Student Chapter organized the SPE DIT Tech Fest 2018 and a workshop on Enhanced oil and Recovery in Indian Oilfields. It was conducted by the Department of Petroleum & Energy Studies, DIT University on 8th of March 2018. The Chief Guest for the event was SHRI ASHUTOSH BHARADWAJ (ED-HOI-GEOPIC, ONGC, DEHRADUN) and other delegates from the industry.

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Faculty Achievements

Dr. Manoj Kumar, Professor & Head, School of Engineering & Technology – Mechanical Engineering, has been awarded Outstanding Reviewer by Elsevier