DTU TIMES

new
beginnings.

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EDITORS' NOTE

There's this recent photograph that I can't get out of my head - of scores of humans, stuck in a queue, waiting to summit Mount Everest. The image manifested a deluge of emotions but what it did not capture was the heartbreak. Because the only reward for anyone who gets to the highest point on the planet, is a few seconds amid noise and chaos to absorb and relish their victory. After two (or more) years of complete diligence, multiple sacrifices and continuous drudgery, you've crafted your way into one of the most reputed engineering colleges in the country, let that sink in. You may want to conquer Everest and you'd feel thoroughly euphoric after scaling it, for a few hours, days maybe. But then it starts to dissipate, and you subconsciously begin searching for a new goal, victimizing yourself in a visceral cycle.

It is said that it might take you up to seven years to flush the last two gruelling years out, but I assure you the next four years will prove every bit worthy of all the effort you have put into this endeavour. Every teenager that walks into a university has a different set of expectations from it. Now think, '*What is your dream ambition for college?*'; it could be securing a placement, diving into research, or simply becoming a skilled engineer. Then ask yourself if your happiness is dependent on achieving that goal. Intuitively, it should be. The problem with every goal is that, to give us a sense of purpose, it comes with pressure.

Think of the image again. If you were one of those climbers, your identity and self worth would be tied to scaling that one peak. This is the futility of destinations and targets. Across this undergraduate expedition, punctuated with predicaments and sprinkled with surprises, the prospect of architecting your own avenues to the real world can be liberating. And at countless crossroads, you'll face a choice between living and life. Remember that living is a livid routine, but life is a profound experience. *Choose life.*

To help you embark upon this quest and to provide an insight of the where, an explanation of the how, an introduction to the who and a vision of the when, we have woven a tapestry of moments in this university and what makes it breathe, day in and day out. Now that you have sealed your destiny in this hallowed corner of Delhi, dear Fresher, we give you the 47th Edition of DTU Times. **Welcome to your new beginning.**

कर्मण्येवाधिकारस्ते मा फलेषु कदाचन।   मा कर्मफलहेतुर्भूर्मा ते सङ्गोऽस्त्वकर्मणि ॥

FROM THE DESK OF THE VICE-CHANCELLOR

Delhi Technological University has continued on the path of excellence in education for over 75 years, producing the most capable and competent professionals, and now, with the outset of a new academic year, I warmly welcome the batch of 2023 and congratulate the graduating batch of 2019.

Looking back at the last academic year, the students' achievements have been exemplary in a multitude of disciplines. Numerous students performed extraordinarily in CAT, GATE, GRE, GMAT and other examinations, securing places at some of the finest institutions of the world. The placement records for last year have been stellar with several students bagging job and internship opportunities at institutions of inordinate importance.

A myriad of pioneering Startups have instituted themselves into independent companies with the financial and entrepreneurial help from the Innovation and Incubation Foundation, DTU. I congratulate the high-spirited individuals for their incessant efforts.

The admission of International students has ensured social solidarity and has been serving to build a vibrant community and an engaging platform at the University. I also express my heartiest gratitude to the National Assessment and Accreditation Council (NAAC) and its peer team, which conducted an external evaluation as a form of institutional introspection in the month of May.

Many faculty members have been pursuing research in diverse fields along with a great number of students, whose continual efforts have been nourishing the research atmosphere here at DTU.

Various research papers were published in prime scientific journals and presented at reputed conferences around the world.

I hope that we keep pursuing our path of excellence with the persistent efforts of the students, faculty and the administration working towards the vision of being a world-class university through education, innovation and research for the service of humanity. I also extend my heartiest congratulations to the team of DTU Times for the publication of their 47th edition and for enthusiastically producing dynamic content for its readers.

THE BULLETIN

SEMINAR ON CREATIVE RAPID IDEATION TECHNIQUES

A seminar on *"Creative Rapid Ideation Techniques"* was organised by *Manchester Metropolitan University (MMU), UK* in collaboration with *Electrical Engineering Department, DTU* in April, 2019. **Dr. Sravanthi Sashikumar,** *HoD, Mechanical Engineering, MMU* and **Prof. Haydn Insley,** *Senior Lecturer, MMU* were the speakers at the event.

USIP VALEDICTION CEREMONY

The Valediction Ceremony of the **University Student Internship Program** (USIP) for the academic year 2018-19 was organised in May, 2019. **Prof. Yogesh Singh,** *Hon'ble Vice Chancellor* was the Chief Guest of the event. **Prof. S K Garg,** *Pro-Vice Chancellor* and **Prof. Samsher,** *Registrar* graced the event. The student interns of the previous academic year were felicitated by the dignitaries. **Prof. Neeta Pandey,** *Coordinator, USIP* coordinated the event.

EARTHQUAKE RESISTANT DESIGN OF STRUCTURES

Department of Civil Engineering, DTU organised a TEQIP III sponsored one-week faculty development programme on *"Earthquake Resistant Designs of Structures",* in May, 2019. **Prof. Yogesh Singh,** *Hon'ble Vice Chancellor, DTU* was the Chief Patron. **Prof. S K Garg,** *Pro-Vice Chancellor, DTU* was the Patron. **Prof. Nirendra Dev,** *HOD, Civil Engineering Department* served as the Chairman. The conference was coordinated by **Dr. Shilpa Pal, Dr. T. Vijaya Kumar** and **Dr. Ritu Raj.**

The program aimed to elaborate the design practices that are followed for design of high-rise structures under tough seismic and environmental conditions. It provided a common place for researchers and academicians to interact on recent developments and new technologies in the field.

MACHINE LEARNING FOR PATTERN RECOGNITION (MLPR-2019)

Department of Information Technology, DTU organised a TEQIP III sponsored one-week faculty development programme on *"Machine Learning for Pattern Recognition"* (MLPR-2019), in June, 2019. **Prof. Yogesh Singh,** *Hon'ble Vice Chancellor, DTU* was the Chief Patron. **Prof. S K Garg,** *Pro-Vice Chancellor, DTU* was the Patron. **Prof. Kapil Sharma,** *HOD, Department of Information Technology* served as the General Chair. The conference was coordinated by **Dr. Seba Susan** and **Ms. Geetanjali Bhola.**

ENVIRONMENT DAY CELEBRATIONS

World Environment Day was celebrated by the students and faculty of **Delhi Technological University,** in June, 2019. The day was marked with a plantation drive by dignitaries and a painting competition for school students. **Prof. Yogesh Singh,** *Hon'ble Vice Chancellor, DTU* and **Prof. Archna Rani,** *HoD, Department of Applied Chemistry* graced the occasion.

INTERNATIONAL DAY OF YOGA

DTU celebrated the **5th International Day of Yoga** in June, 2019. Yoga session was organised in the campus in the morning. **Prof. Yogesh Singh,** *Hon'ble Vice Chancellor* inaugurated the celebration and delivered an address highlighting the benefits of Yoga and urged everyone to make yoga a part of their daily routine. The event witnessed huge participation from faculty members and students.

CREATIVE WORKSHOP BY DEPARTMENT OF DESIGN

Department of Design, DTU organised a two-week Creative Workshop on Calligraphy, Caricature and Toy Design in June, 2019. **Prof. Yogesh Singh,** *Hon'ble Vice Chancellor, DTU* inaugurated the workshop. The first three days saw the Calligraphy workshop by **Mr. Amit Kharasni,** followed by Toy Design workshop by **Prof. Shudarshan Khanna** and **Surubhi Khanna,** the next two days. The final leg witnessed Storytelling through Cartoons and Comics by **Mr. Sumit Kumar.** The workshops saw huge participation from the students.

'YOU TOO CAN SKETCH'

Department of Design, DTU organised a two-week Creative Workshop, **You Too Can Sketch,** in June, 2019. The guests at the event included **Ms. Tania Dey, Mr. Roshan Kove,** and **Mr. Sudhir Padnis.** The workshop was open to all and saw participation from various schools and colleges. Participants learned different skills including origami, sketching, and floral motif.

DISTINGUISHED LECTURE BY PROF. EDUARDO NEBOT

Department of Electronics and Communication Engineering organised a distinguished lecture by **Prof. Eduardo Nebot.** Prof. Nebot is the Director at Australian Centre for Field Robotics at the University of Sydney. The lecture was attended by the

PhD research scholars of the department. **Prof. N.S. Raghava, Department of Electronics and Communication Engineering** coordinated the whole event.

INTRODUCTION OF UNDERGRADUATE RESEARCH PROJECT AND MINI PROJECT

The **Academic Council** has approved the introduction of **Undergraduate Research Project** and **Mini Project** in the B. Tech curriculum as elective subjects from the academic year 2019-20. These will be offered in the **5th semester** as **General Elective Courses** and will carry 4 credits.

INTRODUCTION OF M.SC. PROGRAM

The **Board of Management** in its 31st meeting held in May, 2019 approved the introduction of M.Sc. courses in the **Applied Mathematics, Applied Physics** and **Biotechnology Departments** from the academic session 2019-20. The courses aim to boost learning and research in various areas of science by fostering an R&D oriented environment.

INTRODUCTION OF NEW MBA PROGRAMS IN USME

The **Board of Management** in its 31st meeting held in May, 2019 approved the introduction of two new MBA programs in USME, DTU from the academic session 2019-20. The new programs are **MBA - Family Business & Entrepreneurship** (MBA-FBE) and **MBA - Entrepreneurship, Innovation and Venture Development** (MBA-EIVD).

COMMITTEE FOR REDRASSAL OF GREIVANCES OF STUDENTS

A committee for redressing the grievances of the students of DTU has been setup. The committee comprises of *Dean*(SW) as the Chairperson and *Incharge* (UG/PG) as the Member Secretary.

COMMITTEE FOR REDRASSAL OF GREIVANCES OF FACULTY & STAFF

A committee to address the complaints of the staff and faculty members of DTU has been constituted. The committee comprises of **Prof. S K Garg,** *Pro-Vice Chancellor* as the Chairperson, and **Prof. Samsher,** *Registrar* as the Member Secretary.

FINESSE

DTU Times organised the third edition of Finesse-The Creative Extravaganza in June, 2019.

Writers and illustrators from across India participated in the events held. The first event was *Caption Kranti*, in which participants sent in captions for pictures posted online and fought for a spot in the finale, judged by **Dr. Ashish Agnihotri** (Associate Professor, Centre for French and Francophone Studies, School of Language, Literature and Culture Studies, Jawaharlal Nehru University).
Shivam Gupta from DTU was declared the winner of *Caption Kranti 2019*.

The second event was *कलम, तस्व्युर और तस्वीर,* with participants sending in their illustrations covering a number of themes. The competition was judged by **Mr. Dike Akbar** and **Ms. Kaveri Gopalakrishnan**. **Dhruv Yadav**, IIIT D was declared the winner, while **Mohit Bhankar**, DTU bagged second place and **Saransh Sehgal**, DTU secured the third position.

Saransh Sehgal

Mohit Bhankar

Dhruv Yadav

FAREWELL WEEK

The Batch of 2019 was given a soul-stirring farewell by the Cultural Council from 22nd to 26th April 2019. The week kicked off with an **EDM Night** at the OAT which electrified everyone with enthusiasm for one last time with their batchmates. The next day saw Rajat Sood, one of the most beloved performers of DTU, take to the stage one last time for his special performance **'Zindageet'**. Later that evening, at **Prom Night,** people danced their hearts out to ballads.

A wave of grace overcame the atmosphere the following day as the whole batch dressed in vibrant colours on **Ethnic Night**. The evening ended on a perfect note with a beautiful lantern lighting ceremony. The fourth day commenced with a **Comedy Evening**, leaving everyone in splits of laughter. It wrapped up with **Scribble Day,** where everyone was seen in white t-shirts with parting words scribbled all over. The week concluded with **Farewell Night**. Juniors set up several performances for their departing seniors, bidding them a final adieu.

August 2018
DTU Times Edition 43
•Freshers' Orientation
•Inauguration of Department of Design

September 2018
•Inauguration of Campus Store and Souvenir Shop
•Mid-semester Examinations (Odd Semester)
•Freshers' Week
•Youth Ki Awaaz
•Startup Weekend

October 2018
• Inauguration of the new Health Centre
• International Conference on Recent Advances in Pure and Advanced Mathematics (ICRAPAM)

January 2019
• Arena:Inter-department sports fest
• Lohri Night
• DelTech Model United Nations
• Yuvaan - the Annual Literary Fest
• E-Cell Entrepreneurship Summit

February 2019
DTU Times Edition 45
• Homecoming Alumni Meet - Golden and Diamond Jubilee batches
• Invictus - the Unified Techfest
• Engifest - the Annual Cultural Fest
• Farewell of Prof. Anu Singh Lather
• Aahvaan - the Annual Sports Fes
• Fortitude - the Quiz Fest
• Soch - the Social Ideathon 20
• Exuberance - East Campus

THE YEAR IN REVIEW

• International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)
• International Conference on Advanced Production and Industrial Engineering research (ICAPIE)
• Triquetra 2018
• Art and Design Competition by Department of Design
• Deltech Economic Seminars - East Campus
• Food Safety Seminar in association with the Department of Food Safety East Campus

November 2018
DTU Times Edition 44
• Diwali Mela
• End-semester Examinations (Odd semester)

December 2018
• Convocation
• GIAN course on Systems Thinking for Enhanced Water Security in urban India
• GIAN Course on Resilient Power Grid Operation Using Synchrophasor Technology

March 2019
• Research Excellence Awards 2019
• Inauguration of Multi-disciplinary Centre of Geoinformatics
• Prastuti 2019
• International Conference on Signal Processing, VLSI and Communication Engineering (ICSPVCE) - 2019
• International Conference of Business and Management (ICBM) - 2019 Delhi School of Management
• Mid-semester examinations (Even Semester)
• Batch Photoshoot

April 2019
DTU Times Edition 46
• Kartavya - the NSS DTU Conclave
• TEDxDTU
• Farewell Week

May 2019
• End-semester examinations (Even Semester)

THE FRESHERS' TOOLKIT

As a fresher, exploring the world of DTU can be a daunting task. From knowing where your classes and labs are located to daily student activities, there is a lot to discover and even more to grasp.

Here is some important information to get started:

WIFI ACCESS

The WiFi coverage that DTU provides throughout the campus is commendable. To be able to use DTU WiFi, you first need to register with your details at *dtunet.dtu.ac.*in. Once that is done, the login credentials will then be mailed to you on your registered email address.

LS ACADEMIA DTU APP

The University has a 75% attendance policy for its lecture classes. The attendance is regularly updated by the faculty on the LS Academia DTU App. It also keeps a record of your daily timetable, your enrolled courses, and even your grades. The app provides the feature of Bluetooth attendance. The credentials for the app are generally sent to your registered mobile number.

LIBRARY CARD

To avail the library services, you need to use your ID card. You will be notified when the ID cards are made available. The ID cards provided in first year will act as a library card as long as you are a student at DTU. Details regarding registration for the library can be found in the library itself. Generally, copies of your ID card along with soft copies via email needs to be submitted.

The library contains a gigantic collection of books on all subjects as well as non-fiction and several novels. You can check out a book for a maximum of 15 days and renew it a maximum of two times. However, if the book belongs to the book bank, it can be issued for a period of 6 months.

You can easily check the availability of books on the DTU Library App and even renew the books you have checked out.

With this basic information in hand, you are good to go and free to explore the campus in its immensity.

EMAIL

Students are required to furnish all the correct details at *dtunet.dtu.ac.in/email* and submit a copy of the form generated at the Computer Centre. This form is usually made open for students in third semester, so freshers don't have to worry about it for the time being

ROOM CODES

For a fresher, the cryptic room codes take some time to decipher on your own. To assist you on your classroom-hunting journey, here is a guide to the various acronyms you will encounter:

SPS: Semi-Permanent Structures
The majority of first-year classes are conducted in the SPSs. The SPS 1-12 are on the left edge of the academic blocks, beyond MechC and next to the Mechanical Workshop; while SPS 13 and 14 are on the right edge, next to the library.

IW: Inclined Wing
The Inclined Wing is located near the Wind Point and harbours the Departments of Humanities, Applied Mathematics, Applied Chemistry, and Applied Physics. The Applied Physics and Chemistry labs for your first year are located here, besides several other labs and classrooms utilised by the students of aforementioned branches.

FW: Faculty Wing
A room denoted by the FW prefix indicates that it is a faculty's cabin. The name and designation of the faculty are indicated on the door.

LW: Lab Wing
The rooms in the Lab Wing host a multitude of labs. You will encounter these rooms in the department buildings.

TW: Teaching Wing
The majority of classes after the first year are located in the Teaching Wing. It is segregated into TW1, TW2, TW3, and TW4. TW1 is in the Electrical Engineering block, followed by TW2 in the Electronics block, while TW3 is in the Civil Engineering Block.
The Mechanical Block is housed in a different building along with the Biotechnology Department, separated from the other academic blocks by the Mechanical Canteen. TW4 may be found here.

Each room in the above wings has one of the following suffixes to indicate which floor they are on:
GF: Ground Floor
FF: First Floor
SF: Second Floor
TF: Third Floor

GUESTS OF DTU

Arvind Kejriwal
Hon'ble Chief Minister of Delhi

Manish Sisodia
Hon'ble Dy. Chief Minister and Minister of Education, Delhi

Raj Soin
Founder, Soin, LLC and Philanthropist

Prof. Anil D. Sahasrabuddhe
Chairman, AICTE

Prof. Dharendra Yogi Goswami
University of South Florida

Prof. Mohan M. Trivedi
University of California, San Diego

Prof. Dave Parry
Auckland University of Technology, New Zealand

Prof. Philip Davies
Aston University, United Kingdom

Prof. Lauro Emilio Gonzalez Farias
School of Business Administration, São Paulo

Dr. SC Dutta Roy
IIT Delhi

Vishal-Shekhar
Bollywood music duo

Mankirat Aulakh
Singer

Quintino
EDM Artist

Biswa Kalyan Rath
Stand-up Comedian

Manisha Koirala
Bollywood actress

Yashpal Sharma
Bollywood actor

Sucharita Tyagi
Film critic

Avijit Dutt
Filmmaker and Actor

RJ Naved
Radio Jockey

Ram Sampath
Music Producer and Composer

Ravinder Singh
Author

P.K. Sehgal
Major General (Retd.)

Padma Shri Dr. Ashok Chakradhar
Hindi poet and Author

Nizami Brothers
Indian Musical Group

Faculty News and Achievements

Awards, Honors, and Conferences

Prof. S. Indu, HoD, Dept. of Electronics & Communication Engineering
• Organiser, Distinguished lecture by Professor Eduardo Nebot, *Delhi Technological University*

Prof. Jaigopal Sharma, HoD, Dept. of Biotechnology
• Speaker, 'Amino Acid Research: Past, Present and Future', FDP 'Recent Trends in Industrial Biotechnology', *Department of Biotechnology, Jaypee Institute of Information Technology, Noida*
• Speaker, 'Recent Advances in Amino acids analysis', BIOGENESIS - VI: Synergy, *IILM, College of Engineering and Technology, Noida*

Prof. Rajni Jindal, HoD, Dept. of Computer Science & Engineering
• Session chair, International Conference on Computing, Communication and Networking Technologies, *Kanpur*

Prof. N. S. Raghava, Dept. of Electronics & Communication Engineering
• Organiser, Distinguished lecture by Professor Eduardo Nebot, *Delhi Technological University*

Dr. Dinesh Kumar Vishwakarma, Assoc. Prof., Dept. of Information Technology
• Received sponsored project, 'Design and Development of Calibration Software using Computer Vision', *Indian Air Force*
• Speaker, 'Machine Learning: Trends, Prospects and Applications', FDP, 'Computational Intelligence', *BBD University, Lucknow*
• Speaker, 'Computer Vision based Intelligent Solutions', FDP, 'Robotics Mechatronics', *IITM, Greater Noida*

Dr. Janardan Prasad Kesari, Assoc. Prof. Dept. of Mechanical Engineering
• Visitor, Koryo High School, *Yamanashi Prefecture, Japan*
• Visitor, University of Yamanashi, *Japan*

Dr. Rahul Katarya, Assoc. Prof., Dept. of Computer Science & Engineering
• Speaker, 'Artificial Intelligence in Healthcare', FDP, 'Artificial Intelligence using Machine Learning', *SRM Institute of Management & Technology, Delhi-NCR Campus, Ghaziabad, India*
• Speaker, 'Swarm Intelligence based Optimization', FDP 'Advances in Network Modeling & Optimization Techniques', *Jaypee Institute of Information Technology, Noida*
• Participant, FDP, 'Machine Learning for Pattern Recognition', *Department of Information Technology, Delhi Technological University*
• Participant, FDP, 'Earthquake

Resistant Design of Structures', *Department of Civil Engineering, Delhi Technological University*
• Programme committee member, International Conference on Pattern Recognition and Machine Intelligence, *Tezpur University*
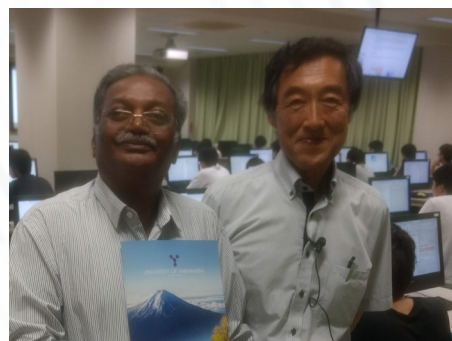

Dr. Shilpa Pal, Assoc. Prof., Dept of Civil Engineering
• Organiser, FDP 'Earthquake Resistant Design of Structures', *Department of Civil Engineering, Delhi Technological University*

Mr. Anurag Chaturvedi, Asst. Prof., University School of Management and Entrepreneurship
• Attendee, 'Summer School on Empirical Finance and Accounting Research', *Indian Institute of Management, Calcutta*

Dr. Smita Rastogi Verma, Asst. Prof., Dept. of Biotechnology
• Participant, FDP 'Machine Learning for Pattern Recognition', *Department of Information Technology, Delhi Technological University*

Mr. Prashant Giridhar Shambharkar, Asst. Prof., Dept. of Computer Science & Engineering
• Organising committee member, International Conference on Latest Trends in Engineering and Management, *New Delhi*
• Member, Advisory board, International Conference On Electrical and Electronics Engineering, *New Delhi*

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Publications

Prof. S. Indu, HoD, Dept. of Electronics & Communication Engineering
• 'Energy efficient communication techniques for wireless sensor networks', *International Journal of Innovative Technology and Exploring Engineering*
• 'High speed ALU design using vedic neurons for energy efficient sensor nodes', *International Journal of Recent Technology and Engineering*
• 'Design improvements in power amplifier for making energy efficient transceiver blocks of sensor nodes', *International Journal of Innovative Technology and Exploring Engineering*
• 'Fusion of Underwater Image Enhancement and Restoration', *International Journal of Pattern Recognition and Artificial Intelligence*

Prof. Jaigopal Sharma, HoD, Dept. of Biotechnology
• 'Optimization of protein extraction from detoxified Jatropha seed cake using response surface methodology and amino acid analysis', *International Journal of Environmental Science and Technology*
• 'Achyranthes aspera (Prickly chaff flower) leaves and seeds supplemented diets regulate the growth, innate immunity and oxidative stress in Aeromonas hydrophila challenged Labeo rohita', *Journal of Applied Aquaculture*
• 'Evaluation of immunostimulatory properties of prickly chaff flower Achyranthes Aspera in rohu Labeo Rohita fry in pond conditions', *Aquaculture*

• 'Effect of Spirodela Polyrhiza supplemented diets on growth, physiology, and expression of Specific Genes of Rohu Labeo Rohita', *Asian Pacific Aquaculture 2019, Chennai, Tamil Nadu*

Prof. Neeta Pandey, Dept. of Electronics & Communication Engineering
• 'Energy efficient communication techniques for wireless sensor networks' *International Journal of Innovative Technology and Exploring Engineering*

Prof. Rajni Jindal, HoD, Dept. of Computer Science & Engineering
• 'A Survey on Database Intrusion Detection : Approaches, Challenges and Application', *International Journal of Intelligent Engineering Informatics*
• 'Arabic Sign Language Recognition System on SmartPhone', International Conference on Computing, Communication and Networking Technologies, *Kanpur*

Prof. Pravir Kumar, Dept. of Biotechnology
• 'Modified benzoxazolone (ABO-AA) based SPECT probes for 18 kDa TSPO', *Drug Development and Research* (IF: 2.65)

• 'Comparative evaluation of 99mTc-MBIP-X/11[C] MBMP for visualization of 18 kDa translocator protein', *New Journal of Chemistry (IF: 3.22)*

Prof. Rajeshwari Pandey, Dept. of Electronics & Communication Engineering
• 'Design improvements in power amplifier for making energy efficient transceiver blocks of sensor nodes', *International Journal of Innovative Technology and Exploring Engineering*
• 'High speed ALU design using vedic neurons for energy efficient sensor nodes', *International Journal of Recent Technology and Engineering*

Dr. Dinesh Kumar Vishwakarma, Assoc. Prof., Dept. of Information Technology
• 'A Robust Framework for Abnormal Human Action Recognition using R-Transform and Zernike Moments in Depth Videos', *IEEE Sensors Journal* (IF: 3.076)
• 'A Visual Cognizance Based Multi-Resolution Descriptor for Human Action Recognition using Key Pose', *International Journal of Electronics and Communications (IF: 2.853)*

Dr. Janardan Prasad Kesari, Assoc. Prof., Dept. of Mechanical Engineering
• 'Solar-Wind Hybrid Systems For Power Generation', *International Journal of Mechanical Engineering*
• 'Opportunities and scope for electric vehicles in India', *International Journal of Mechanical Engineering*
• 'Opportunities and challenges of wind and tidal energy technology in India and around the world', *International Journal of Mechanical Engineering*
• 'Problems of Scaling and Corrosion in Geothermal Water: Indian Scenario', *International Journal of Research in Engineering, Science and Management*
• 'Concentrating Solar Energy for Steam Generation and its Application in Mega Kitchens', *International Journal of Mechanical Engineering*
• 'A Review of The Combined Wind and Wave Energy Technologies', *International Journal of Engineering Trends and Technology*

Dr. Rahul Katarya, Assoc. Prof., Dept. of Computer Science & Engineering
• 'Discover opinion leader in social network using firefly algorithm', *Expert Systems with Applications*

Dr. Ram Singh, Assoc. Prof., Dept of Applied Chemistry
• 'Phytochemistry and pharmacology of Genus Bombax', *The Natural Products Journal,*
• 'Preparation and studies of Pigeon Pea Stalk/Polypropylene Composites with and without Compatibilizer', *Polymers and Polymer Composites*
• 'Anion selective electrodes: A brief compilation', *Microchemical Journal*

Dr. Roli Purwar, Assoc. Prof., Dept. of Applied Chemistry
• 'Preparation and characterization of poly(vinyl alcohol)/modified clay electrospun nanocomposite nanofibrous mats for microbial protection', *Journal of Textile Institute*
• 'Enhanced potential of biomimetic,

silver nanoparticles functionalized Antheraea mylitta (tasar) silk fibroin nanofibrous mats for skin tissue engineering', *International Journal of Biological Macromolecule*
• 'A review on latest innovations in natural gums based hydrogels: Preparations & applications', *International Journal of Biological Macromolecule*

Dr. Shilpa Pal, Assoc. Prof., Dept of Civil Engineering
• 'Shear Resistance of Steel Fibre Reinforced Concrete beams', *Journal of Structural Engineering, CSIR-Structural Engineering Research Centre*

Dr. Navneeta Bharadvaja, Asst. Prof., Dept. of Biotechnology
• 'Establishment of root suspension culture of Plumbago zeylanica and enhanced production of plumbagin', *Industrial Crops and Products*
• 'Assessment of bacoside production, total phenol content and antioxidant potential of elicited and non-elicited shoot culture of Bacopa monnieri (L.)', *Journal of Environmental Sustainability*
• 'Silver Nanoparticles Synthesis from Plumbago zeylanica and its Dye Degradation Activity', *Bioinspired Biomimetic and Nanobiomaterials*
• 'Biotechnological Management of Water Quality: A Mini Review', *Bioscience Biotechnology Research Communications*
• Book chapter, 'Enzymatic bioremediation: a smart tool to fight environmental pollutants', *Smart Bioremediation Technologies: Microbial Enzymes*

Dr. Rajesh Sharma, Asst. Prof., University School of Management and Entrepreneurship
• 'Threshold Effect of Bank-specific Determinants of Non-performing Assets: An Application', *Indian Banking Journal of Emerging Markets Finance*
• 'The burden of prostate cancer is associated with human development

index: evidence from 87 countries, 1990–2016', *EPMA Journal* (IF: 4.66)

Dr. Saurabh Mehta, Asst. Prof., Dept. of Applied Chemistry
• 'Phosphazene Superbase-Mediated Regio- and Stereoselective Iodoaminocyclization of 2-(1-Alkynyl) benzamides for the Synthesis of Isoindolin-1-ones', *The Journal of Organic Chemistry (IF: 4.745)*

Mr. Anup Kumar Mandpura, Asst. Prof., Dept. of Electrical Engineering
• 'Outage probability of fixed-gain amplify-and-forward two-way relays with multiple co-channel interferers', *IET Communications*

Ms. Indu Singh, Asst. Prof., Dept. of Computer Science & Engineering
• 'A survey on Database Intrusion Detection: Approaches, Challenges and Application', *International Journal of Intelligent Engineering Informatics*

Mr. Prashant Giridhar Shambharkar, Asst. Prof., Dept. of Computer Science & Engineering
• 'Multiple Resource Management and Burst Time Prediction using Deep Reinforcement Learning', *International Conference on Advances in Computing, Communication and Information Technology, Birmingham City University, United Kingdom*

Mr. Sanjay Kumar, Asst. Prof., Dept. of Computer Science & Engineering
• 'Eye Disease Prediction from Optical Coherence Tomography Images with transfer Learning', *International Conference on Engineering Applications of Neural Networks, University of Piraeus, Greece*
• 'Predicting Customer Churn Using Artificial Neural Network', *International Conference on Engineering Applications of Neural Networks, University of Piraeus, Greece.*

Student News

Uday Sai

Aishwarya Kumar Garg

Shashwat Singh

RESEARCH PAPERS PUBLISHED AND CONFERENCES ATTENDED

Shaswat Singh, B.Tech., ECE, Class of 2019
• 'CFOA Based Negative Floating Capacitance Multiplier', *International Conference on Computer Science, Electrical and Electronic 2019, Kuala Lumpur, Malaysia*

Vaibhav Singh, B.Tech., SE, Class of 2019
• 'Empirical Analysis of Shallow and Deep architecture classifiers on Emotion Recognition from Speech', *IEEE CSCloud 2019 conference at Telecom-ParisTech, Paris, France*

Lakshay Tyagi, B.Tech., PIE, 3rd Year
Luckshaya Kem, B.Tech., PIE, 3rd Year
• *6th International Conference on Production and Industrial Engineering, Delhi Technological University*

Sanskar Jethi, B.Tech., EE, 3rd Year
• *Facebook F8 Conference, San Jose, USA*

Abhinav Singh, B.Tech., SE, 2nd Year
• 'Application of Artificial Intelligence in Placement Sector: A Futuristic Approach', *Satija Research Foundation for Library and Information Science (SRFLIS) Summit 2019, Delhi*

Bhavesh Jaglan, B.Tech., SE, 2nd Year
• *International Student Conference on Environment and Sustainability, Shanghai, China*

Uday Sai, B.B.A., 1st Year
• 'Startup and Entrepreneurship', *National Conference and Young Entrepreneurs' Convention, University of Delhi, Delhi*

AWARDS & COMPETITIONS WON

Aishwarya Kumar Garg, M.Tech., ENE, 2nd Year
• Most Innovative Idea, *Prastuti 2019, Inter College Techno-Management Presentation Contest, Delhi*

Saurabh Kumar, B.Tech., SE, 3rd Year
• 7th rank, *TechGig Code Gladiator*

INTERNATIONAL INTERNSHIPS AND SCHOLARSHIPS AWARDED

Abhishek Bitolia, M.B.A., (Marketing & Human Resource), 2nd Year
• 'Marketing Specialist Internship', *ALCOR, Kyiv, Ukraine*

Himanshu Bhardwaj, M.B.A., (Marketing & Finance), 2nd Year
• *Prime Minister Scholarship Scheme*

Mansi Agarwal, B.Tech., COE, 4th Year
• Robotics Institute Summer Scholars program', *Robotics Institute, Carnegie Mellon University, Pennsylvania, USA*
• SN Bose Scholarship

Samadrita Chatterjee, B.Tech., BT, 4th Year
• Summer research Internship, *University College London, London, United Kingdom*
• Lister Institute Summer Studentship 2019

Siddharth Basu, B.Tech., SE, 4th Year
• MITACS Globalink Research Internship, *University of Calgary, Canada*

Tejas Agarwal, B.Tech., EEE, 4th Year
• MITACS Globalink Research Internship, 3IT, *University of Sherbrooke, Canada*

Vishesh Kashyap, B.Tech., ME, 4th Year
• Summer Research Internship, *University of New South Wales, Sydney, Australia*

Shrinjal Singh, B.Tech., IT, 3rd Year
• Global Academic Internship Program, *National University of Singapore, Singapore*

Surendrabikram Thapa, B.Tech., SE, 3rd Year
• Visiting Scholar, *University of Technology, Sydney*

SOCIETY NEWS

ASME DTU Chapter *explores* Yakult

ASME DTU Chapter organised an industrial visit to the *Yakult Danone factory, Sonepat*. The visit included an informative presentation about the manufacturing of Yakult and its health benefits, a guided tour through the manufacturing unit and an exhibition of the automated cleansing and refrigeration of the unit.

DTU Consulting Group *publishes* casebook

DTU Consulting Group is presently in the process of publishing *DTU's First Official Casebook*. The casebook contains twenty guesstimates and twenty cases presented in an interview transcript. The cases have been tailored to DTU's placement process, and after each case interview, a prudent analysis is done. A few physical copies of the casebook will be available in the university's Library and an ebook version will also be made available on the university's official website.

Google Developer Student Club DTU *organises* workshops

In association with the **Department of Training & Placement**, the **Google Developer Student Club (DTU)** organised **GTech Week**. It consisted of a series of workshops on machine learning, android app development and web development, and was attended by over 400 students. A **Full Stack Web Development Summer Camp** was also organised. The course structure included courses on HTML, CSS, Ubuntu, and Domain among many.

Quizzers of Delhi-42 *win* accolades

At *Ashoka University*, **Kumar Shashwat** stood **1st** in the **MELA Quiz**, while **Ankit** and **Bramhdeep Singh** finished **3rd** in the **Business Quiz**. At *Netaji Subhash University of Technology*, **Ankit** and **Anwesha Chattoraj** came **3rd** in the **General Quiz** while **Ankit** and **Bramhdeep Singh** secured **2nd** position in the **Business Quiz.**

Madhurima *bags* awards

The **Madhurima** a capella team bagged the **1st** prize at *Keshav Mahavidyalaya*, and were placed **2nd** at *Daulat Ram College*. **Jessjit Singh** stood **1st** in the **Western Solo** category at *Jamia Millia Islamia*.

Pratibimb *earns* accolades

At *Delhi College of Arts and Commerce*, **Pratibimb** secured the **Best Production** award, and **Sahil Bhasin** was awarded **Best Actor**. They bagged the **2nd Best Play** award at *Sri Venkateswara College*, and **Sahil Bhasin, Divya Pandey,** and **Mrinal Singh** received the **Best Performers** award. **Divya Pandey** secured the **Best Actress** award at *St Stephen's College* and *Hindu College*, while **Prakhar Singh** received the **Best Actor** award at *Hindu College.*

Rotaract Club of DTU *wins* laurels

At the **Rotary Thanksgiving** for the Rota Year 2018-19, the **Rotaract Club of DTU Regency** was awarded the **Best Rotaract Project in International Services** award for their **Smaller World** campaign. At the official **Thanksgiving ceremony of Rotaract District 3011**, the **DRR's Gratitude** award was conferred upon the Club in recognition for organising the **DRR Official Visit**. The club also received the **Most Innovative Project** award for their **Smaller World** campaign. **Rtr. Sarthak Katyal** was presented with the **DRR's Elite Award** and a **RYLA Gold Medal. Rtr. Jaskaran Singh** was awarded for his contribution to the **Thalassemia Camp**, and was also given the **Promising District Council Member** award. The **DRR's Gratitude** award was conferred upon **Rtr. Krishan Kant** in recognition of his exemplary support towards the **4th District Conference.**
The **Rotaract Club of DTU** organised a **Blood & Stem Cell Donation Camp**, along with a **Book Donation Drive**. The donated books will be used to set up a library at *Gyankunj*, an education NGO for slum children. The club also conducted a **Tree Plantation Drive** in the DTU Campus grounds. With the assistance of the **Department of Horticulture**, they successfully planted 25 saplings.

NSS DTU *volunteers* for a cause

NSS DTU organised a **DTU Campus Tour and Motivation Session** for 35 college students from remote areas of Jammu and Kashmir as a part of the **National Integration Programme "Sadhbhavna"** of the *Ministry of Defence.* The students toured the DTU campus, including the Library, Incubation Centre, Tech Team Workshops, departments and various campus hotspots. They gained exposure regarding the latest developments in the field of science and technology. The tour concluded with a motivational talk by **Major Rohit Yadav** of *53 Rashtriya Rifles unit of Indian Army*, followed by lunch.
NSS DTU volunteers visited the *Juvenile Justice Board, Delhi*. The volunteers taught the children about friendship, childhood and how to distinguish between good friends and bad friends.

IEEE DTU *attains* new heights

Equal Opportunity Cell DTU, *IEEE India Council* and *WIE Delhi Section* organised a workshop on Cyber Security for women students and faculty members as a part of the **Digital Shakti Programme** launched by the *National Commission for Women*. The session was taken by **Ms. Janice Verghese**, a trainer at the *Cyber Peace Foundation*, and included various live examples and cases about cyber attacks. She also explained some of the Cyber Security laws issued by the *Government of India*.
At the **IEEE Delhi Section Student Award Ceremony** held at *Manav Rachna University*, **Prof. J. Panda** was awarded the **Outstanding Branch Counsellor Award 2018, IEEE Delhi Section. Kumar Kartikeya** and **Aditya Verma** bagged the **Outstanding Student Volunteer Award**. The **JK Pal Memorial Award** was conferred upon **Nikhil Mishra** and **Prithu Verma**. **Ridhima Bansal** and **Drishti Aggarwal** bagged the **Outstanding WIE Volunteer Award. Utkarsh Singh, Anirudh Goyal,** and **Samarth Gupta** received a felicitation for a successful tenure at *IEEE Delhi Section*.

SR-DTU *organises* workshops

Society of Robotics DTU organised a month-long summer workshop on Machine Learning and Python. In the **DST & Texas Instruments India Innovation Challenge Design Contest 2018,** they received an award for their outstanding work in building a stronger entrepreneurial ecosystem.

SCEE *conducts* guest lectures

The Society for Civil & Environmental Engineering organised workshops on Applications of GIS & Remote Sensing, AutoCAD & Solid Works Intelligence, Machine Learning & IOT. Guest lectures were delivered by **Mr. M. M. Trinath**, who is a counselor for ESE/GATE, and **Ashish Gupta**, DTU Alumni.

LIST OF SOCIETIES

CULTURAL SOCIETIES

Delhi-42, the DTU Quiz Club
Aditya Kulraj
9899150985

DTU Bhangra
Aneesh
8800407407

Kalakriti, the Creative Arts Society
Shubham Mangla
7838060959

Madhurima, the Music Society
Shikhar Verma
9899920706

Nrityangana, the Classical Dance Society
Riddhima Jain
9811042285

Panache, the Fashion and Design Society
Nayan
9416029025

Parchhayi, the Photography and Film Society
Siddhant Chaudhary
9968819316

Pratibimb, the Dramatics Society
Nilay
9690323069

Sahitya, the Literary & Debating Society
Shreyansh Sharma
9643403030

Vibe, the Western Dance Society
Tarunya Menon
9319130943

MISCELLANEOUS SOCIETIES

180 Degrees Consulting DTU
Shivam Jha
8447135968

Assets, the Finance and Economic Society of DTU
Ranit Dua
9971101274

Cognitive Minds
Sakshi Vatsa
9166844216

DelTech MUN & Debating Society
Dhruv Jain
9818111354

DTU Consulting Group
Jyotdeep Singh
9811411041

E-Cell DTU
Uddeysha
9818023103

Cubix

Global Youth India (DTU Chapter)
Ebani Gupta
9953866232

Round Table DTU
Amman Illahi
9821769044

TEDxDTU
Ningtam
9818054852

Toastmasters DTU
Aman Singh
9956632151

YES+
Yogender
9773721835

Zenith, the Astronomy Club
Sawini Kabi
9718137620

TECHNICAL SOCIETIES

American Chemical Society (DTU Chapter)
Saksham Srivastava
9650848387

American Society for Mechanical Engineers (ASME DTU Chapter)
Raghav Malhan
9205213868

Centre for Advanced Studies and Research in Automotive Engineering (CASRAE)
Prashant Chandra Pujari
9871843730

Computer Society of India (DTU Chapter)
Parikshit
9654665754

DEPTH (DelTech Engineering Physics Technological Hub)
Aditya Prasad
8750970385

D_CODER
Sanskriti Singhal
8700735846

Google Developer Student Club DTU
Kshitij Bansal
9650129191

Indian Game Theory Society (IGTS DTU)
Sachin Singla
7015512969

Indian Institute of Chemical Engineers (DTU Chapter)
Samarth Gandhi
81304105239

American Society of Civil Engineers (ASCE)

Institute of Electrical and Electronics Engineers (IEEE DTU)
Harshit Gupta
9911626956

Institute of Mechanical Engineers (DTU Chapter)
Prashant Chandra Pujari
9871843730

International Organisation of Software Developers (IOSD DTU)
Ronak Sakhuja
7838822862

Mathematics and Computing Society (MACS)
Vibhar Saxena
9808743559

Society for Civil and Environmental Engineers (SCEE)
Manish Shrivas
9711318812

Society of Automotive Engineers (SAE-DTU)
Bharat Bhutani
9718363433

Society of Manufacturing Engineers (SME DTU)
Vikhyat
9650202321

Society Of Robotics (SR-DTU)
Niyanta Mehra
9818258537

Society of Industrial and Applied Mathematics (SIAM)
Sarthak Ailawadi
9811058064

Optima, the Machine Learning Society

SOCIAL WELFARE SOCIETIES

Elixir, the Health Society of DTU
Aahan Malhotra
9971953296

Enactus DTU
Vedansh Pal
9810774997

Jugnu (DTU Chapter)
Shubham
9968549814

Let's Talk
Anjali Singh
9910077039

National Service Scheme (NSS-DTU)
Gul Asnani
9811139689

Rotaract Club of DTU Regency
Anmol Budhiraja
8588968547

Society for Environmental Sustainability (SES DTU)
Sankalp Kumar
8826478431

DTU Lake

No matter how low your expectations are, you're up for some disappointment.

Our rating: 1/5

BR Ambedkar Auditorium

From your initial counselling session to your last batch photograph, life comes full circle here.

Our rating: 4.5/5
Docked a point for every time we were denied entry.

Library

Whether you come here to complete an assignment or simply to unwind in the AC, do not forget to carry your ID-cards.

Our rating: 4.5/5

Wind Point

Strong winds + Good WiFi. Need we say more?

Our rating: 4/5

Nescafe

You'll find quiet, dignified crowds here, and if you're lucky, a place to sit.

Our rating: 3.5/5

Haunted Lane

monkey scary. ruuuuun

Our rating: 1/5

Maggi Baba

A warm cup of tea, some piping hot maggi and old Bollywood hits will be your 4 am companions on all kinds of all-nighters.
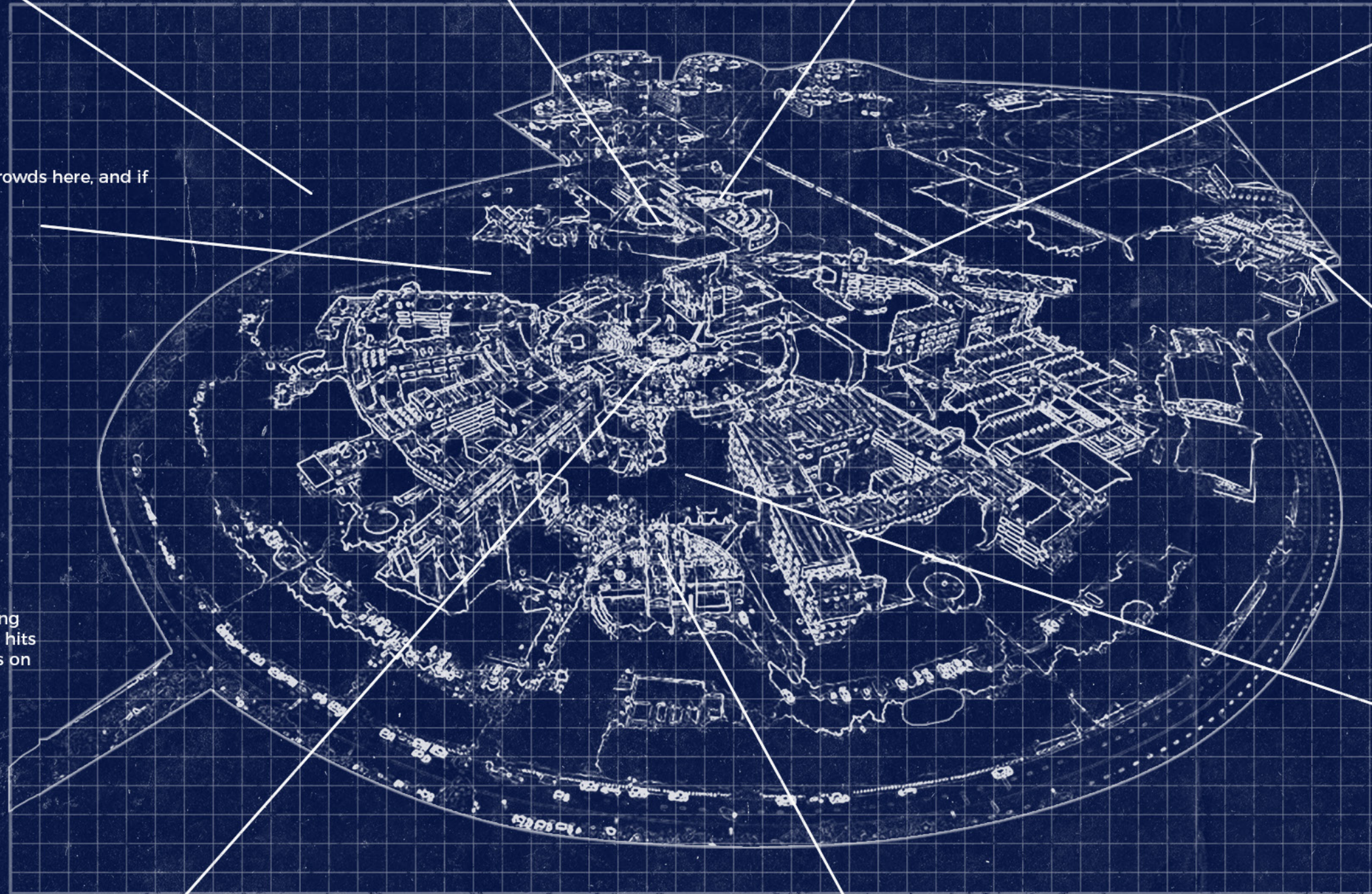
Our rating: 5/5

Amul and HPMC

The hub of PR desks chocosticks and your one stop shop to get change for that 500 bucks.

Our rating: 3.5/5

O.A.T.

When it's cold, the benches are occupied all day long, with people doing everything from writing assignments to holding hands.

Our rating: 5/5 in winters, 4/5 in summer when the heat burns your skin off

MechC

Go here whenever you miss a meal, though they will most probably never have the one dish you wanted the most.

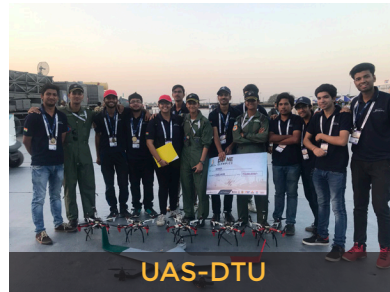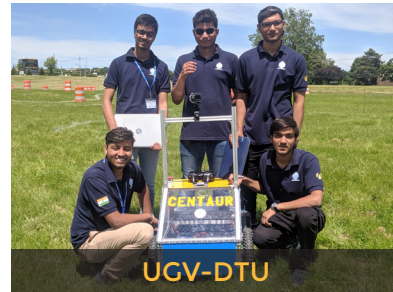**Our rating: 4/5**

TECH TEAM
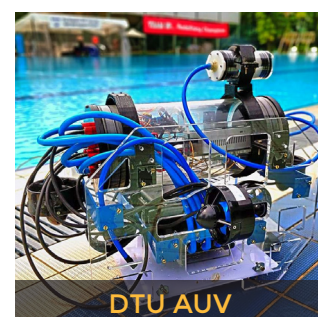# NEWS

HERTZ ELECTRIC

UAS-DTU

UGV-DTU

DTU SUPERMILEAGE

DTU AUV

DEFIANZ RACING

DELTECH BAJA

ZEPHYR

INFERNO DTU

RAFTAAR

Defianz Racing

Rahul (7876227489)

Team Defianz Racing is the 15-year old Formula Student Team of DTU. They conceptualise and develop a race-ready formula car for Formula Student competitions. According to the official worldwide rankings, the team is currently number **1** in India.

DelTech Baja

Harshit Tanwar (9650599306)

The mission of the team is to design and build an ATV to race in the student Baja style events organized by the *Society of Automotive Engineers (SAE)*.

The team participated in the 12th Edition of **BAJA SAE India.** DelTech BAJA's buggy **'DB XIX'** cleared various tests and survived the endurance event for 4 hours. They landed a **Top 20 finish** in the business plan event.

DTU ALTAIR

Aman Dadheech (9891407553)

DTU ALTAIR (Advance Leap in Technology and Intelligent Robotics) is a team of robotics enthusiasts aiming at developing autonomous robotic solutions.

The team secured the **41st position** in **CANSAT**, a NASA-organized competition that requires students to design nano-satellites.

DTU AUV

Vipul Garg (8377022174)

Team DTU AUV (Autonomous Underwater Vehicle) aims to innovate and develop a fully-autonomous underwater vehicle.

Their model **ARYA** is one of the 7 robots chosen from all over India to be kept for display as 'Advances in Robotics' at the **Robotics Gallery** in *Science City, Ahmedabad.*

DTU Supermileage

Akshansh Aggarwal (9999604400)

DTU Supermileage aims to develop super mileage vehicles that provide maximum mileage, be it with a litre of gasoline or a kWH of electric charge. Their ultimate goal is the protection of the environment from vehicular pollution.

DTU Supermileage participated in the **Shell Eco-Marathon India** at *Madras Motor Racing Track, Chennai* in December 2018, and clinched the **1st position** in *Urban Concept Gasoline* category by achieving a mileage of *154km/l*. The team won the **2nd position** in *Prototype Battery Electric* category, achieving a mileage of *171.9km/kWh*.

Hertz Electric

Rishik Rana (9911164947)

Hertz Electric aims to manufacture a formula student electric vehicle.

A sub team of **Hertz Electric** was invited to **Thundersky Winston** in *Xiamen, China,* to discuss and educate the team about new lithium ion battery developments and recent trends in electric vehicles and charging stations.

Zephyr

Divye Bhutani (9818553438)

Team Zephyr designs an intelligent ground vehicle with autonomous driving capabilities.

Team Zephyr participated in the **Intelligent Ground Vehicle Competition** held at *Oakland University, Michigan* and secured the **3rd** position in the cyber-security challenge.

Inferno DTU

Vishal Sharma (9999898653)

Team Inferno DTU strives to manufacture a Mars Rover Prototype.

Team Inferno DTU completed the university's first Martian Rover prototype, **A.R.G.U.S,** in December 2018. They competed through various rounds and secured the **7th** rank at the I**ndian Rover Challenge** at *Manipal Institute of Technology.*

Okami Racing

Manish Kumar (9911987956)

Team Okami Racing, the Electric Motorcycle Team of DTU, aims to design and manufacture high performance electric motorcycles.

Okami Racing participated in **Motostudent 2018** edition held in *Spain.*

Raftaar

Tanishq Arora (9899696092)

Team Raftaar designs innovative human powered vehicles. The team aims to demonstrate the application of engineering design principles in the development of sustainable and practical transportation alternatives.

Team Raftaar, DTU secured **1st position** in *Analysis* and bagged the **5th position** in *Design* at **ASME E-Fest, Asia Pacific 2019** held at *VIT, Vellore.*

UAS-DTU

Joyraj (9654271757)

The DTU-Unmanned Aerial Systems project was initiated with the primary purpose of developing technologies to reduce India's dependence on foreign intelligence, surveillance and reconnaissance products.

Team UAS-DTU was awarded the **Gold Medal** in the *Formation Flying* category at **Drone Olympics, Aero India 2019,** *Bangalore.* They received prize money of Rs. 5 lakh, including a developmental kit from *Lockheed Martin.* They would further be trained for the *AlphaPilot,* an open innovation challenge in the US.

Team UAS-DTU cleared *Phase 2* of the *IAF Mehar Baba Prize* and were given a cash prize of Rs. 25 lakhs. They are currently competing in *Phase 3* of the same.

UGV-DTU (Unmanned Ground Vehicle)

Khwaish Kr. Anjum (9773518599)

The Unmanned Ground Vehicle team designs autonomous vehicles through calibrating and using various sensors and implementing real time image processing.

Team UGV-DTU secured the **5th position** in the cyber-security challenge of the **Intelligent Ground Vehicle Competition** held at *Oakland University, Michigan.*

KARTHIK KRISHNA R.
ENE, Class of 2019

DTU Times interviewed Kartik Krishna R., ENE, Class of 2019, who got admitted to Stanford University for an M.S. in Environmental Engineering.

What was your primary motivation for pursuing an international Master's degree?
After exploring different fields and internships, I realised that problem-solving in the domain of Environmental Engineering excited me. Once I was sure of this motivation, the obvious choice for excellence in this stream was to work towards pursuing a Master's abroad.

How important are academic projects and Letters of Recommendation while applying to foreign universities?
Both factors hold significant importance and is occasionally underestimated. Every point that you write in your CV about your technical experience and academic projects have to be validated with LoRs. It further adds to your credibility if you get LoRs from professors with a good amount of publications and citations in Scopus. As far as projects are concerned, you need to make sure that you work on something which holds regional relevance and is globally significant.

What advice would you like to give to juniors who want to take up the same career path as you?
My advice would be to evaluate your preferences and keep working on improving your profile in some way or the other throughout your stint in college. If a student feels that their academic grades aren't good enough for a top tier university, then they need to put in extra effort into their projects and internships. The top tier universities look for a well-rounded profile with a sound scientific temper, so ideally you need to mould your profile such that it reflects these qualities.

SRISHTI VERMA
PSCT, Class of 2019

DTU Times interviewed Srishti Verma, PSCT, Class of 2019, who received admission in Masters in Management - Grande Ecole program in HEC, Paris.

What role did your branch play in your current course for post graduation?
My extracurricular activities affected my career path more than my branch. I was associated with various societies where I took on managerial roles. Subsequently, I realised that I wanted to do something related to management. PSCT has comparatively less academic pressure and I had more time to explore outside my field while devoting ample time for GRE preparation.

How do you think DTU helped you in choosing your current career?
I was exposed to a multitude of activities here. DTU has many societies to choose from and the scale at which the events are organised is huge. It is a brand name in itself, and the same helped me secure admission in HEC. The colleges abroad place a major importance on the college you are from and its image.

How should one plan and prepare for GRE/GMAT?
To start with the preparation, you first need to know what all areas you need to work on. For that, I suggest taking a diagnostic test. It helps you identify your weak areas. You also need to have some practice to avoid silly mistakes. For the exam preparation, keeping the vocabulary portion aside, 2 months are enough to get familiar with the exam pattern, sections, question types, answering methods.
GMAT is based more on grammar than vocabulary, but the quantitative portion is slightly more difficult than the GRE. So, If Maths is your strong area, I suggest to take GMAT.

ALANKRIT TOMAR
EP, Class of 2019

DTU Times interviewed Alankrit Tomar, EP, Class of 2019, who got admitted into the Ph.D. program at the Department of Electrical and Computer Engineering, University of Texas, Austin.

What inspired you to pursue research, given that most Engineering students go for placements or a management degree?
I always wanted to work on projects that have wide-ranging social impact. My field of research has varied applications in assorted disciplines, including medicine and communication. Pursuing a research career in this field would enable me to work on technologies that could have a tremendous positive impact in the future. This served as an inspiration for me.

What was your motivation for choosing a Ph.D. over a conventional Master's degree?
A Master's degree serves as an ideal platform to gauge your interests and decide whether they are high enough to pursue more extensive research in the form of a Ph.D. The primary focus in Master's is undertaking necessary courses relevant to your field, while Ph.D. entails undertaking a project which would eventually contribute towards a thesis.
I was sure of what I wanted to pursue research in, and was willing to plunge into 5 years of extensive research. Hence, choosing a Ph.D. over a Master's.

What advice do you have for aspirants who wish to secure an admission in foreign universities?
Grades are a great factor for admission to foreign universities. A good CGPA can compensate for the lack of research projects on a CV. Managing time is one very crucial thing that will not only come in handy regarding college admissions but is also a good trait to imbibe, in general.

ADITI CHANDAK
ECE, Class of 2019

DTU Times interviewed Aditi Chandak, ECE, Class of 2019, who secured an admission in Master's of Business Administration at Indian Institute of Management, Bangalore.

More and more students opt for a management degree after they complete their engineering degree. What was your reason to pursue an MBA after engineering?
The four years of engineering, although filled with amazing takeaways and invaluable learning, made me realise that I would not quite like a long-term career in the field. This was driven by an interest and curiosity to understand the business aspect of things, and also influenced by my father, a CA by profession and an MBA himself. As a result, I started exploring MBA options both in the country and abroad.

Briefly outline the process after your CAT examination. How was your experience?
After I received my CAT results, I started preparing for the subsequent stage, the interviews. I reached out to seniors and other people and got an idea of how to go about it. I focussed on keeping up to date with current affairs, brushing up on my engineering basics, and how to present myself confidently.
The preparation phase was a little stressful but an extremely enriching one. I believe it helped me know myself better and prepare for the journey ahead.

What advice would you give to CAT aspirants who seek to get admission in elite institutions?
Getting into a top B-school is not a tough task. The formula remains the same. Focus on staying motivated, practise well and work smart; and things will fall into place.

BUSINESS INCUBATION CENTER

DTU Innovation and Incubation Foundation was established under the guidelines of Delhi government and has been the latest addition to our prestigious institution. In the age of rapid capitalisation of technology, the past decade has been the testimonial to engineering students and their efforts of self-employment through start-ups. As a form of acknowledgement, the government laid down certain policy guidelines under which DTU-IIF was founded. It aims to create a culture of entrepreneurship, start-ups and intellectual property creation. It was implemented through an incubation infrastructure, including but not limited to- space, computing resources and connectivity. The centre also provides business services like marketing assistance and business statistics. It helps and guides them through raising bank finance, grants, seed and venture capital. Another practice of the IIF is provisioning of seed fund to start-up companies without any collateral or guarantee. As of the ground level provisions, the companies are provided with 24x7 access to a working space, electricity and backups. The university urges students onto a path of early entrepreneurship and furthering job creation.

Following are the currently incubated startups at DTU-IIF:

1. SportsApp (HanuSha Networks Pvt. Ltd.)
2. Vehicool
3. Cypherock
4. Zalvit
5. Waaris Waste Recycling Solutions LLP
6. Kalkin
7. Projexel India
8. SEUTUS
9. Evoke
10. DHANNOO: Bicycle Sharing System
11. Waste on Wheels
12. Bookscroll
13. Ampereplus Pvt. Ltd.
14. ZEFI Labs Pvt. Ltd.
15. Trention Technologies Pvt. Ltd.
16. Ioteraction Technologies Services Pvt. Ltd.
17. Proxima Advertising Solution Pvt. Ltd.
18. Supreme Testing Lab & Forensic Evidence Protection Technology Pvt. Ltd.

PROF. NARENDRA KUMAR
CHIEF WARDEN AND DEAN, STUDENT DISCIPLINE

DTU Times interviewed Prof. Narendra Kumar, Chief Warden, Hostels and Dean, Student Discipline (previously Chairman, Board of Discipline) on the role of hostel life and importance of discipline in the life of students.

As the Chief Warden of the hostels and Dean, Student Discipline, what are some of your major responsibilities?

The Chief Warden looks after all the hostels. There are 9 boys' hostels and 4 girls' hostels in our campus. As the Dean, Student Discipline, it is my responsibility to ensure discipline and order in DTU, including USME (East Campus).

The hostels influence the lives of the students staying in them. So how do the hostels influence students and encourage them to perpetrate the legacy of students before them?

Those students who stay in hostels learn the valuable skill of sharing one's commodities and space with fellow colleagues, when they share rooms in the hostel. This helps them in their future careers as well.

Discipline is not just proper conduct and adhering to rules, it is a lifestyle which influences every decision one makes. In your opinion, how far reaching is the role of discipline in the life of a student?

Without discipline, no entity, be it an organisation or an individual, can grow. As long as discipline exists in any organisation, it will progress. Otherwise, everything stagnates. Discipline has a direct impact on the students' future careers as well.

DTU has had a Zero Ragging policy in place since years now. How is it implemented in hostels, which is where students perhaps interact the most with each other?

There is an Anti-Ragging Squad in place, which operates in the hostels as well. It is chaired by the Chief Warden and there are members in every hostel. There are Anti-Ragging Committees in every department and student hubs, such as the library and canteen. Through these committees and squads, we observe a no-tolerance policy when it comes to ragging.

When faced with the Board of Discipline, students feel dispirited and may take incautious actions. How would advice the students to overcome these situations?

Whenever the students are faced with the Board of Discipline, our purpose is to give the chance to the students to speak for themselves about these incidents without hesitation. When students talk about the matter freely, they overcome stress and pressure. Only then can we know the full picture. Our end purpose is to correct the students and not to punish them, so we keep this in mind while cross-questioning to ensure that no student feels down or gets humiliated. I also ensure, as part of my responsibility, that no member of the board passes any comments on any student.

What advice would you pass to the students for their dreams regarding exemplary placements and higher education from esteemed universities?

The students should work hard, they should get good grades and participate whole-heartedly in extracurricular activities. If some student wants to take admission in an IIM or go abroad for MS, extracurriculars are given a lot of importance in the exams like CAT and GMAT.

What message would you like to give to the new faces that would be joining DTU this year?

My advice would be that they should not be afraid of anybody and feel free in the campus. Some seniors may influence them to indulge in illicit activities. I would suggest that they do not listen to them, and if someone pressurises them, they should reach us so that we may take appropriate action.

ROHAN RATHI, COE, CLASS OF 2019

DTU Times interviewed Rohan Rathi, COE, Class of 2019, who got placed as a Software Engineer at Uber in Bangalore

What parameters did you consider before selecting the particular profile?
I love software development and contributing to open source projects. With Uber still transitioning from a startup to a MNC, it has a fast-paced environment with constantly changing requirements. I knew that working with Uber would provide me the opportunity to work with the best minds in the industry.

What was the pattern of Selection Tests?
Uber had a cutoff of 5 CGPA. All the software and electronics branches were eligible. They demanded only strong competitive coders for the offered position.
The initial round was online, where only 11 out of 400 students were shortlisted for the subsequent 3 rounds of technical interviews. Finally, the HR interview tested soft skills and judged whether the candidate was a cultural fit.

How did you prepare for the selection tests?
I started my preparation in January. The fact that I had **interned at Samsung** and took part in **GSoC** this summer helped a lot. There are several competitive programming and interview preparation websites like **Interviewbit**, where weekly coding challenges are hosted. I also revised OS and DBMS concepts.

Could you offer some tips to ace the interview round?
Be honest with your interviewer. If you don't know the answer to a question, it's always better to let them know. Learn the concepts instead of cramming them up. Solve problems which you don't understand by writing them down.
Have faith in yourself. Don't worry unnecessarily and always strive to put your best foot forward. Try to maintain an average CGPA and concentrate on the real-world applications of your field, as the interviewers are more interested in the practical work you've done.

SHIKHAR JAIN, MAM, CLASS OF 2019

DTU Times interviewed Shikhar Jain, MAM, Class of 2019, who got placed as a Graduate Engineer Trainee at Bajaj Auto Ltd., in Pune.

What ignited your interest in your particular field of research?
I have always been inquisitive and this constantly urges me to push my boundaries. I like research since it helps me quench the thirst of knowing more and doing more. I began with small projects to get a good command over my field. I don't know what the future holds for me but I want to delve deeper into understanding technology and make a constructive and commendable contribution to the society. I believe when applied to its full potential, AI can help save the world and that is what urged me to pursue this field of research.

What are some necessary steps an individual needs to take in order to secure a meritorious research internship?
The first step is to believe in yourself and not be intimidated by your seniors.
Decide what to pursue in your first year by exploring all kinds of events and interacting with seniors. Once determined, work on small projects yourself. Next, look for professors with similar interests. Drop them an email, detailing your previous work, your ideas, or an ongoing project that you find interesting. Your CGPA is important - don't lose focus from the college curriculum. Keep an eye on the scholarships and opportunities and do not lose hope.
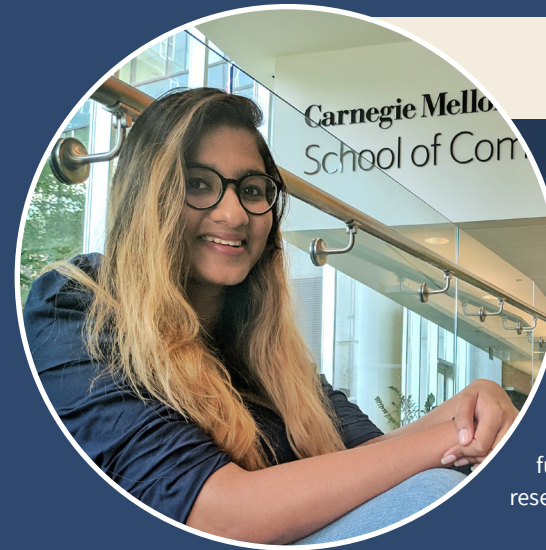
How has your experience been so far at the internship? How would you compare it to corporate internships?
Working with some of the best minds in the field of AI and Robotics has helped me shape my thinking to better contribute to the research community. The learning curve has been amazing and I learn something new every day. I also got the opportunity to be part of workshops hosted by companies like *DJI* and *Ubtech*, which are pioneers in the field of Robotics.
I prefer research internships over corporate ones as the former permits me enough flexibility to try something new and innovative and not confine myself to the company's rules and regulations.

MANSI AGARWAL, COE, CLASS OF 2020

DTU Times interviewed Mansi Agarwal, COE, Class of 2020 who secured a Research Internship at the Robotics Institute, Carnegie Mellon University through the SN Bose Scholars program.

What ignited your interest in your particular field of research?
I have always been inquisitive and this constantly urges me to push my boundaries. I like research since it helps me quench the thirst of knowing more and doing more. I began with small projects to get a good command over my field. I don't know what the future holds for me but I want to delve deeper into understanding technology and make a constructive and commendable contribution to the society. I believe when applied to its full potential, AI can help save the world and that is what urged me to pursue this field of research.

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I prefer research internships over corporate ones as the former permits me enough flexibility to try something new and innovative and not confine myself to the company's rules and regulations.

SHREYA GUPTA, SE, CLASS OF 2020

DTU Times interviewed Shreya Gupta, SE, Class of 2020 who secured a Research Internship at the Institute of Pure and Applied Mathematics, UCLA through the RIPS International Summer Internship program.

What inclined you towards the field of Machine Learning?
In my freshman year, my seniors introduced me to the field of machine learning. I took some online courses to understand and grasp the subject. Being fond of maths, the field seemed perfect for me. While working as a research intern at IIT-D and doing an independent project, I realised that the road isn't going to be easy. The self-undertaken projects furthered my understanding. It's too soon to say if this field is my true calling, but it is the closest I have been to creating applicative technology, so far.

What are some tips, skills, and specific resources that you would like to recommend for aspirants?
It is best to start in the first year itself. Maintain a good CGPA as most programs desire one above 9. However, if you have done quality research, an 8/8.5+ should also work. Understand what you are doing, read what has been done, and be a part of good Meetup communities. Actively contribute and keep your GitHub profile active. Also, have several people review your resume.
For ML resource s, you can follow blogs like *Google's AI research blog, KDNuggets*, and *machinelearningmastery*. Follow related topics on *LinkedIn* to stay updated. Personally, I prefer doing projects instead of extensive courses. It's the hard way, but it is always more constructive than a course.

What, according to you, can be improved here at DTU to keep pace with other leading research institutes?
From my time spent researching in DTU, I have found the atmosphere to be bolstering in your field of choice, whatever that may be. There, however, exists a lack of excitement to create something novel by an amalgam of things. Having real-life projects helps you gain insight into how to apply your skills to create usable technology. More awareness about the active research groups must be prevalent from the first year itself.

Read the full interview on dtutimes.ac.in/blog

CAMPUS PHOTOGRAPHY

the prophecy
AROUND THE WALLS

-Mandeep Singh, 2nd year, COE

Congratulations! You are finally a DTUite (or a DCEite if you are anachronistic). As you loiter around the intimidating walls of the campus for the next few days, you might contemplate your future and its potential interconnection with these walls. Worry not, for I have a prophecy to make.

Legend has it, journey for 'the chosen one' would not be an easy one. Of course, letting the cat out of the bag, it would be full of drudgery and impediments. But it is the solace that the numerous buildings of the campus would provide, which will matter. Right from the start, the term 'SPS' would remind you of the exhausting, kilometre-long walk from the campus gate. That's not all, if you forget to bring your admit card and get reminded at the very moment you reach your exam hall, in a jiffy, you would find yourself in a gaggle of forgetful undergrads at the *Photocopy Shop*. Soon, you realise it is practically impossible to get the job done in time, which leaves you with the last option, the kilometer-long walk to *Future Point*.

When you are done denouncing the broadness of the campus area, you will find yourself taking a respite at the *MiniOAT*. *MechC* will make you adept in fighting for your rights (read: orders). Of course you will have learnt this lesson in a year's time, and that's why you will switch to *Micmac's* delectable *Rajma Chawal*, while *Chandan* bhaiya might make you realise

the importance of humility. In the later years, when the *TnP* building becomes your second home, there will be evenings when you might find yourself dejected. However, the grin will return on your face when you will find your friends waiting to treat you at *Nescafe*.

Amidst this chaos called Engineering, you will certainly steal some time and relax on a bench at the *OAT*, glaring at the iconic *Clock Tower*, realizing that the prophecy has indeed, come true.

मिज़ाज

- लोकेश नारायण शंकर, तृतीय वर्ष, आई.टी.

मेरी दिलचस्पी है तुम्हारी उन कहानियों में
जो बीती हो सिर्फ नादानियों में।

हिस्सा या किरदार नहीं बनना तुम्हारे कहानियों का,
लिखना है साथ रहकर किस्सा अपनी ज़िंदगानियों का।

मैं तुझे जिसका डाकिया समझ बैठा था,
तू तो उसी का तारक निकला
मैं मजनू बन बैठा था तेरे इंतज़ार में,
अरे चांद... तू तो उसी का अनुरागी निकला।

welcome

-Pratik Anand, 3rd year, COE
Shrey Padhi, 3rd year, PIE

Surviving college is an art that all of us eventually master, but in our own ways. No one has that one particular "hack" which is assured to work on everyone. In a world where seven billion people breathe, one can not possibly expect a BuzzFeed article on "College Life Hacks" or a wikiHow procedure on "Surviving College Life" to work on all.

This doesn't mean you stop taking advice from your parents, friends, seniors and trusted social media pages and web-handles - it simply beseeches you to not completely rely on those spoken words of wisdom, because there is a very high probability such methods won't work on you.

You have to go through your first year yourself. You need to do what needs to be done - in addition to classes, perhaps, pick up that hobby you always wanted to pursue. It's not just about what you stand to gain in the class. You may find yourself staying after-hours,

building a niche for yourself. Or you could even be wandering through the campus, strolling under the ever-changing radiant tree tunnels, just as thousands of others before you have done, and still envisage your own unique vista in this place.

Don't come here as banal freshers looking to start a new chapter in your life. College is where you embrace what you feel you need to do, no matter how crazy it sounds; it is crazy only because you make it sound crazy. This is the time where you get all the freedom you can ever imagine.

So dance like a madman and sing till your throat goes sore, write like Dickens and innovate like Bose, run like Milkha - don't stop. Go ahead. Enter that society's audition with whatever skills you possess. Let yourself liberate your full potential. Rise up from whatever unforthcoming place you consider yourself to be in and unleash the best you have to offer.

After all, you have come here to make the college experience your capabilities. Bring out the tenable genius inside you which has been buried under years of exam preparation. You might be on the same boat as many other old and wise men who spent their life staying unsure of what they are exactly doing - know that is alright. Going through high school in itself was something of a self-realisation process, but alas, the unsure you decided to come here!

You will no longer be chained in a dungeon waiting to catch a glimpse of the Sun or feel the air streams hit on your face; the moment you stepped into Bawanaland, you, on the fearless dragon, took flight. Now, it is for you to decide where to fly, will it be nose-first into the ground or high up in the sky? Welcome, Freshers, welcome.

कृप्या शान्ति बनाएं रखे

कॉलेज के पहले ही दिन उत्साह से भरपूर अमन अपने कॉलेज के कैंपस की सैर पर निकला, इतने बड़े कैंपस में घूमते हुए थक जाने के बजाय वो रोमांचित हुए जा रहा था। मैकेनिकल डिपार्टमेंट में रखी बड़ी-बड़ी मशीनों को देखकर भय और आनंद की अनुभूति एक साथ हो रही थी। स्पोर्ट्स कॉम्प्लेक्स से आगे बढ़ते हुए अमन एक बड़ी गोल इमारत के सामने आकर रूक गया।

इमारत को देखकर अमन के अंतरात्मा से आवाज़ निकली- यह कौन सा डिपार्टमेंट हो सकता है?

तभी एक आवाज़ आई- "मैं लाइब्रेरी हूँ"

अमन सोच में पड़ गया ये लाइब्रेरी तो अंतरात्मा की आवाज़ सुन रही है शायद शांति कुछ ज़्यादा है यहां।

अमन: मतलब तुम पुस्तकालय हो?

लाइब्रेरी : "पुस्तकालय नहीं, लाइब्रेरी कहो, ज्यादा *कूल* लगता है।"

अमन: आपके यहाँ तो पढ़ाकू लोग ही आते होंगे?

लाइब्रेरी : नहीं, ऐसा नहीं है। यहाँ काफी चहल-पहल रहती है। बाहर जब चिलचिलाती गर्मी पड़ रही होगी, तब अपने कॉलेज के अधिकांश लोग यहीं मिलेंगे। यहाँ बैठने के लिए कुर्सियाँ कम पड़ जाएँगी तो लोग फर्शों पर भी बैठे हुए मिलेंगे।

अमन: अच्छा... इतने बड़े कैंपस के बावजूद यहीं क्यों भीड़ इकट्ठा होती है?

लाइब्रेरी: वातानुकूलित माहौल, जहाँ वाई-फाई की गति सर्वोत्तम है, कानों में इयरफोन लगाए शांति महसूस होती है। हज़ारों किताबें है पढ़ने के लिए।

अमन: लेकिन यहाँ तो बस इंजीनियरिंग की किताबें होगी न?

लाइब्रेरी: अनसुलझे गणितीय समीकरणों की किताबों से लेकर मशीनी नियमों वाली किताब भी है। 'हैरी पॉटर' की जादुई दुनिया से लेकर 'पाउलो कूल्हो' के जीवंत किरदार वाले उपन्यास भी है इतना ही नहीं मंटो और प्रेमचंद की भी किताबें हैं हमारे पास। यहाँ प्रतियोगी परीक्षाओं की तैयारी करने वाले बैठे मिलेंगे तो कभी सेमेस्टर की परीक्षाओं से पहले नोट्स बनाते हुए छात्र भी। कुछ संगीत का आंनद भी ले रहे होंगे तो कुछ अपने शोध-पत्र के लिए पढ़ रहे होंगे।चार वर्षों का अधिकतर समय इसी छत के नीचे बीतने वाला है। पूरे कॉलेज की ज़िंदगी का केंद्र बिंदु यही है।

अमन: यह तो काफी दिलचस्प और मजेदार जगह लग रही है!

लाइब्रेरी: हाँ, पर एक बात का ख़ास ध्यान रखना,शांति बनाए रखना...तभी अंतरात्मा की आवाज़ सुनाई देगी!

- सौरभ तिवारी, तृतीय वर्ष, एम.ए.एम

Generic Engineering College

PERPLEXING GENDER RATIO

- ANUSHKA SHARMA, 3rd YEAR, MAM
- SRISHTI MITTAL, 3rd YEAR, PSCT

Congratulations! You've made it to an engineering college; your time here is going to be a rollercoaster ride, to say the least. The syllabus has been structured in order to equip you with some essential skills every girl must learn. Here is your course layout:

Course Code	Course Description	Type
Community101	Surround yourself with people who lift you up. Seek out strong female influences (seniors and professors are a good place to start). You don't have to be friends with every girl, but do try to have each other's backs.	Social
Self-Confidence101	Believe in yourself. People will criticise your work and scrutinize your style, but that doesn't mean that you keep lamenting such experiences. Be confident in your ability to improvise and adapt. Prove to them, as fiercely as possible, that you are much more than what they see.	Personal
Respect101	Don't let anyone disrespect you or put you down. Be as outspoken and as candid as you want to be. Speak up when you think something is wrong, stick up for yourself, and if you think someone is being sexist, call them out. However, don't lose your calm over petty matters, and be empathetic towards others.	Social
Strength101	Every sun sets and heralds the rise of the dark night. Don't let the darkness break you. Your CGPA will rise and fall, friends will come and go, and so will praise and rumours; but you must keep your head held high and hopes higher.	Emotional
Menstruation101	Familiarise yourself with the whereabouts of the cleaner washrooms on campus. Get accustomed to the turbulence of public transport and mood swings of your batchmates. Don't be too hard on yourself; it's okay to give in and take a break once in a while. A cup of iced tea and some chocolate can brighten up the mood instantly.	Medical
Self-Sufficiency101	No friend, boy, girl, or grade can make you a happier version of yourself. In the end, it's your own actions and reactions that make or break you. Be there for yourself, listen to your gut and be your own critic. In a more literal sense, college is the best time to learn how to live alone and explore the ups and downs of 'adulting'.	Personal
Determination101	In the words of Michelle Obama, "There is no boy, at this age, cute enough or interesting enough to stop you from getting an education." Education is a privilege extended to a select few; take full advantage of it. Set a goal for yourself and don't lose sight of it. Enjoy your time in college, but make sure you take something away at the end of it.	Professional

DECLARATION

You have developed the strength and ability to aim high and achieve higher.
You will endeavour to complete the listed courses and earn the required credits with the utmost sincerity.

CERTIFICATE

You have satisfied the requirements of competency for admission to ODD semester 2019 of this course.
We wish you the best of luck.

Dated-_____

The DOs and DON'Ts of DTU

-Mihir Ranjan, 2nd year, EE

After setting foot on campus, you'd probably be astounded, struggling to comprehend its enormous size. The four years that stand in front of you are entirely yours to mould, like fresh clay testing the extent of your imagination. To assist you in your journey, we give you this list of some dos and don'ts so that hopefully you don't repeat the same mistakes that we did.

• Do keep your attendance in check, else before you know it you'd be running circles around professors from MechC to the Computer Centre, you don't want to know the drill.

• Don't be late for your classes or in assignment submissions.

• Do be amazed at the wildlife diversity at DTU, with peacocks and snakes. What's that? You haven't seen any snakes yet? Oh, just wait till the exam season.

• Don't you dare open your tiffin near the SPS classrooms unless you want to be chased by twenty monkeys who are somehow always hungry.

• Do act surprised when you hear DTU has a clock tower and a lake.

• Don't break the legend Maggi Baba's tea serving glasses.

• Don't ask Chandan Bhaiyya at Mic Mac how much time your food will take. It is written in the Book of Fate. You cannot change it.

• Do approach people. Be it to share home-made food with the homesick hostellers or asking your seniors for help. Hold your head high and do it.

• Don't listen to people when they say CGPA doesn't matter. Especially seniors coming at you from all directions to recruit you in their prestigious societies.

• Do follow your hobbies and pursue your interests. Experiment! You've studied enough these past couple years. Let a little loose.

• Don't be disheartened if you feel confused. There is something in DTU for everyone, be it the societies you join, the people you meet or the subjects you opt for in your electives. You will find your way, you have four years to!

FAR FROM HOME

-Parangat Mittal, 3rd year, ECE
Priyansh Soni, 3rd year, SE

When I entered the DTU gates in August with the excitement of starting a new phase of life in college, everyone had filled my mind with their versions of college life, about a world with immense freedom and a plethora of opportunities. Finally came the time when my parents bid me farewell wondering if I would be able to make it at a place so far away from home. Fast forward to about six weeks later, did I actually make it or did things take a different turn?

Early Morning Classes
In the golden school days, I used to be ready by 7 A.M. to catch the bus. In the first week of August here as well, I was enthusiastic to attend the lectures. And here I am in April, struggling to make it to the 9 A.M. lecture in a classroom which is just two minutes from my hostel room. Where exactly did the tables turn?

Speak in English
Remember the English teacher who always interrupted your Hindi sentences by throwing a "Learn to speak in English" in your face, and you tried to converse in English? Leaving the NRIs aside, all you hear from the Bawana people is GT, BT, Chill Scenes! (Don't forget to incorporate these in your vocabulary to blend in).

The Surprise of Night Mess
I'll be completely honest: The dreaded "Mess ka khaana" is quite acceptable. The repetitive nature eventually wins over your appetite. You enter the mess on a Thursday and be like "Ahh Shoot! Here we go again!" until you encounter the magical night mess. At least for the next few weeks, you don't have to go to MicMac and spend real money.

Why Same Clothes?
There are only two types of hostellers when it comes to our clothes - ones who wear the same set of clothes because they're too lazy to unpack the suitcase full of clothes from home, and then the ones who wear the same set of clothes every day because they ran out of clean clothes in just a few days. It is, thus, easy to spot hostellers in a group of people.

Library to study or to chill?
In the middle of the day if you feel a sudden urge to change your life over because all you have done since morning is miss a class over the inability to get up in the morning and binge on the much blasé episode of Breaking Bad, I suggest you head over to the library for a guilt-free seamless watching experience given the AC temperatures and your ability to sneak in some snacks inside.

Jugaad, i.e. Thinking Outside the Box
Out of everything that Engineering life teaches, hostel life, in particular, teaches the quintessence of Jugaad or as the experts say, the art of finding simpler and clever solutions to rather complex day-to-day problems; a very naive example being the constant movement of hand-me-down slippers from one hostel room to another. The sagacity of your entire life lies here in learning the true essence of being a true jugaadu Engineer.

Nonetheless, this place that I now call my home, has quite been a mystical place with a plethora of opportunities and a myriad of dimensions to venture into, to discover my own Quantum realm amidst the populace which is tirelessly effortless in every sphere that it has set its foot into. Now that we have made it till here with all the persistent drudgery and innumerous hecatombs, it is the time to dive into the field that we have strived so hard for with only one goal in mind, to attain our place in the colossal multiverse, and make it our own.

LIMBO

-Shrey Padhi, 3rd year, PIE

The photons of light illuminated by God himself, slowly broke away from its straight movement, going in completely skewed and irregular projectiles. A symphony slowly consumed him, as he felt he was controlled by someone, his decisions gave bizarre outputs which confused everyone. A constant ominous beat on a minor scale played in his mind, only getting louder as his faith slowly faded and the only thought that remained in his mind was cursed.

He gave in to the force that he resisted, and suddenly the idea of being hypnotized by The Force was not a bad idea. His heavy eyes slowly shut as he could feel himself descending from one empty space to another. As he was falling, the only thing that stayed in his mind, unchanged, was cursed.

No air hit against his broken down, pale and scared face. His long ungroomed messy hair stood still. His flimsy attire stood still, his body remained immobile, and his heart throbbed so hard that he turned red. His wide-open, blue, devastated eyes, struggled to see what lay ahead of him. The familiar taste of failure occupied his conflicted mind as he tried to make sense of what was happening. He was unsure of everything. He saw nothing, felt nothing and breathed nothing, but, the symphony echoed in his ears reminded him of the disintegrated light. The only thing that stayed in his mind, unchanged, was cursed.

The two hands of the machine came together in unison and his descend came to a stop as a loud continuous ring interrupted his conflicting thoughts. He opened his watery eyes, the lecture was over, and he thought: time to go home and play PubG.

खेल-खबर

- Karan Singh Bora, 3rd year, EE
- लोकेश नारायण शंकर, तृतीय वर्ष, आई.टी.

नमस्कार पाठकों खेल-खबर के इस नयी श्रृंखला में प्रस्तुत करते हैं हाल के दिनों में घटित कुछ दिलचस्प परिणामों को जिसमें क्रिकेट, टेनिस, फुटबॉल और भारतीय धावकों की नई उपलब्धियां प्रमुख हैं।

क्रिकेट अनिश्चितताओं का खेल है ये आज तक हम सुन रहे थे या कभी कभार इसकी हल्की-फुलकी झांकी दिखी थी पर इंग्लैण्ड की धरती पर हाल ही में संपन्न हुए 12 वें क्रिकेट विश्व कप के फाईनल मुकाबले में इंग्लैण्ड जैसी मजबूत बल्लेबाजी क्रम को 240 रन के साधारण से लक्ष्य को पार करने में पसीने छूट गए। वजह चाहें बड़े मैच का दबाव रहा हो या न्यूजीलैण्ड की घातक गेंदबाजी रही हो पर क्रिकेट अपने रोमांच की पराकाष्ठा पर था। मैच निर्धारित ओवरों के बाद बराबरी पर छूट गया नतीजतन विश्व कप पर कब्जा करने के लिए सुपर ओवर का सहारा लिया गया संयोगवश वो भी बराबरी पर छूट गया, गेंद-बल्ले की लड़ाई में तो दोनों टीमों के बीच कोई भी हार मानने को तैयार नहीं था...पर क्रिकेट के बदलते स्वरूप जिसमें चौकों-छक्कों की मांग बढ़ती जा रही है, इस मांग से अब क्रिकेट के नियम भी प्रभावित हो रहे हैं शायद तभी तो इतने बड़े मैच का निष्कर्ष सिर्फ चौकों-छक्कों की गिनती भर से कर दी गयी। एक टीम बिना जीत अर्जित किये विजेता बन गयी तो दूसरी टीम बिना हारे उप-विजेता बन गयी। धन्य है ये क्रिकेट धन्य है इसका रोमांच!

Well, the recently concluded Wimbledon final also did not disappoint in terms of intensity. Halep came out all guns blazing against Serena to lift the silverware. Next in line was the much-awaited match between the two living legends of the game - Federer and Djokovic, who gave the viewers all that they could have wished for. After 4 hours and 57 minutes of brilliant tennis, top seeded Novak succeeded in snatching the trophy away from Federer.

वैसे नडाल का सेमीफाइनल में बाहर होना भी दर्शकों के लिए एक अफसोस की बात थी। खैर आइये रुख करते हैं अब ऐथलैटिक्स की खबरों के तरफ जहां भारतीय धावकों ने पिछले कुछ दिनों में कई कीर्तिमान स्थापित किये हैं।

दुती चंद जो कि पिछले दिनों अपने व्यक्तिगत मामलों के वजह से सुर्खियों में थी, इट्ली में आयोजित 'वर्ल्ड यूनिवर्सिटी गेम्स – 2019' में 100 मीटर की स्पर्धा में स्वर्ण पदक हासिल करने

के साथ ही ग्लोबल इवेंट्स में स्वर्ण पदक हासिल करने वाली पहली भारतीय बनने का कीर्तिमान स्थापित किया। वहीं हिमा दास ने अंतराष्ट्रीय स्तर पर 15 दिनों के अंदर पांच स्वर्ण पदक जीतकर इतिहास रच दिया है।

Dutee Chand is certainly on the road to greatness and has silenced her critics with her recent performance, amidst controversy regarding her same-gender relationship.

Indian Women's Rugby Team, formed roughly a year ago, emerged victorious against Singapore, in only its third international game, to seal a Bronze medal at the Asia Women's Tournament.
After an exhilarating final between the US and the Netherlands, the ladies from the United States lifted their fourth World Cup at Lyon, France. The heartbroken European Champions were left in tears after the favourites swept even the individual trophies. US captain and talisman Rapione won both the Golden Boot and the Golden Ball whereas Dutch goalie Van Veenendaal was awarded the Golden Glove.

Brazilian legend Marta, who became the top goalscorer in Women's World Cup with 17 goals (Klose - top goalscorer for men's - has 16!), won hearts with her emotional message before retirement: "The women's game depends on you, young girls. Cry in the beginning so you can smile in the end."

देश-दुनिया की खेल से जुड़ी खबरों को पढ़कर ऐसा लगा हो कि यूनिवर्सिटी में आने के बाद अब ये खेल-कूद कहां हो पायेगा, ऐसा बिल्कुल नहीं है! आप यूनिवर्सिटी में हर तरह के खेलों में हिस्सा ले सकते हैं। खेल-कूद से जुड़े उपकरण आपको खेल के मैदान में अवश्य ही मिल जाएंगे।

The incoming batch should definitely look out for all the informal tournaments organised by their seniors and several other sporting events taking place all throughout the year at DTU.

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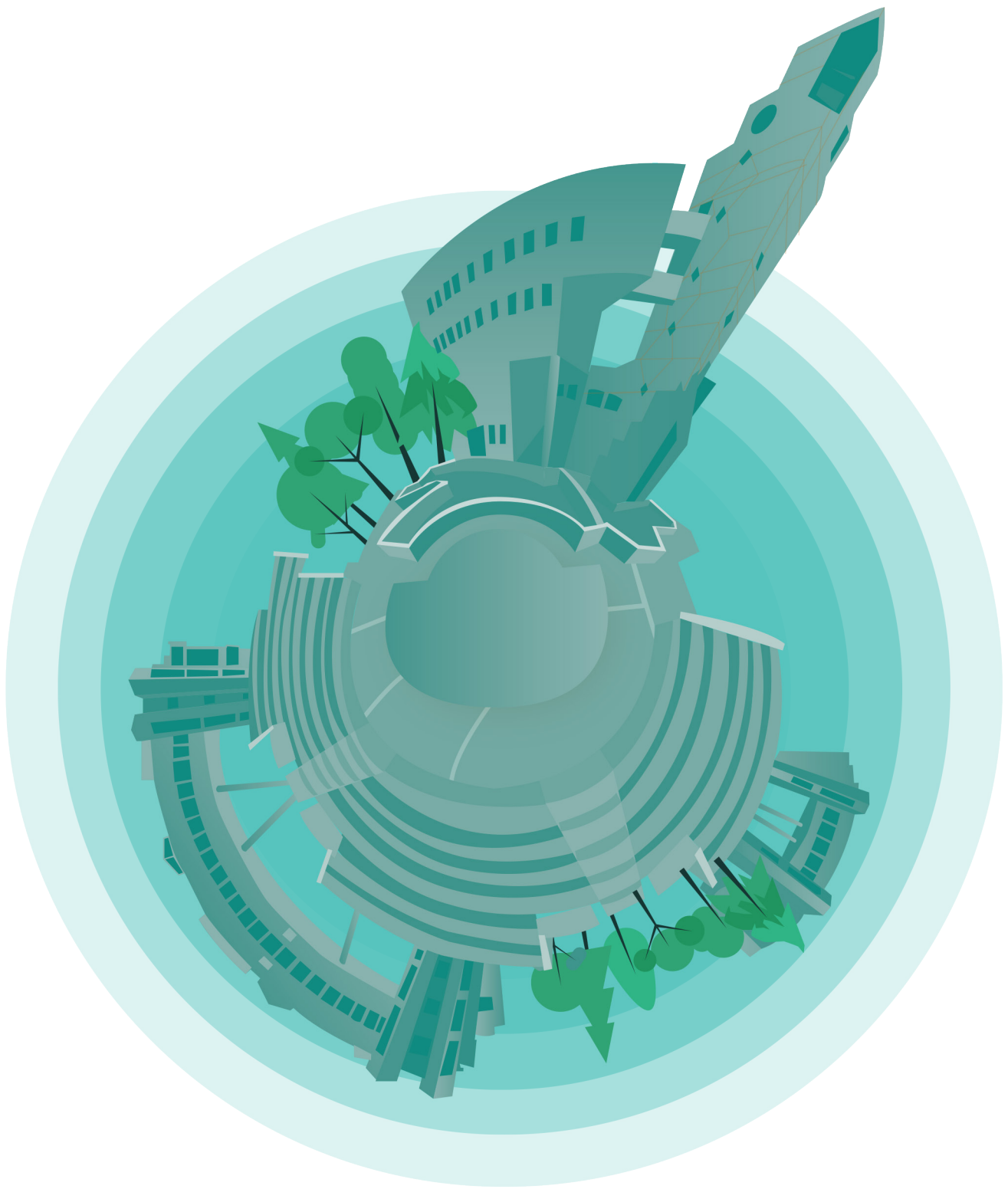
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