



**DTU**  
TIMES

*Welcome  
Freshers*



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FROM THE VICE CHANCELLOR'S DESK

The onset of August heralds the beginning of yet another Academic Year. I feel immensely proud in looking back at the achievements of the college in the previous Academic Session. Every year, some of the finest students of the country are admitted to the B.Tech., M.Tech., Ph.D., and Management courses in our University.

These students choose to venture into a myriad of fields and their performance is nothing less than extraordinary. Umpteen number of students have been placed in prestigious companies like Qualcomm, Google, McKinsey, Goldman Sachs, bagging some of the most coveted packages and positions of responsibility. The Training and Placement cell works incessantly, not only for Placements but for internships as well. A lot of Pre-Final year students have secured remarkable Internships in some of the leading firms of their fields. Most of these students convert internships into jobs which highlights the immense potential among the students of DTU.

Many other students performed very well in entrance exams like GATE, CAT, GRE, GMAT etc. and have been selected in some of the best Colleges and Universities in the world. I heartily congratulate these students for their achievements. Numerous groundbreaking Start-Ups have also emerged from the campus, with Financial, Managerial and Legal support from our Technology Business Incubator Unit, and I wish these new companies best of luck. Many faculty members along with the students have been pursuing Research in multiple fields to employ Science and Engineering for the benefit of society. Many Research Papers have been published and presented in some of the leading Journals and Conferences in the world and many Patents earned.

The combined unrelenting efforts of Students, Faculty and the Administration have resulted in an exceptional working atmosphere which is responsible for the unmatched excellence associated with DTU. I hope that we continue to march forward on this path of progress and success. I give my best wishes to the students who have graduated and a warm welcome to the newly admitted batch of 2020 along with the students currently associated with the University.

College News

ICPEICES 2016

The 1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016) was organized by the Department of Electrical Engineering in association with IEEE Delhi Section, IEEE PELS-IES and IEEE PES-IAS Delhi chapter from July 04, 2016 to July 06, 2016 at DTU as a part of the Platinum Jubilee Celebrations of DCE-DTU. The conference was inaugurated on Monday, July 04, 2016 in Dr. B. R. Ambedkar Auditorium, DTU. Prof. Ved Prakash, Chairman UGC, was the Chief Guest of the ceremony. The keynote address was delivered by the Guest of Honour, Prof. Sudip K. Mazumder, Fellow IEEE, University of Illinois, Chicago, USA. Prof. Yogesh Singh, Honorable Vice Chancellor, DTU, presided over the function. Prof. Madhusudan Singh, General Chair ICPEICES-2016, welcomed the dignitaries and delegates participating in the conference and appreciated the efforts made by the Organizing Committee in hosting the prestigious conference at DTU. Dr. Bharat Bhushan, Organizing and Technical Chair, ICPEICES-2016, presented a brief schedule of the conference and acknowledged the active participation of the Sponsors, Authors and Reviewers. The conference included keynote address, tutorial sessions and plenary sessions by distinguished speakers. ICPEICES-2016 received overwhelming response from researchers in India and abroad. More than 1600 Research Papers were received, out of which about 680 papers were presented in the conference.



## GIAN COURSES

Global Initiative of Academic Networks (GIAN) is a Govt. of India initiative which aims at tapping the talent pool of International Faculty, and encourages their engagement with the Higher Education in India. DTU has been selected as one of the institutions which will offer courses as a part of the GIAN program. **Prof. Yogesh Singh** is the Chief Patron and **Prof. Madhusudhan Singh** is the Local Coordinator of GIAN-DTU.

A GIAN course on “**Challenges and Opportunities in Renewable Energies: Role of the Smart Grid**” was organized by the Department of Electrical Engineering from 4th to 8th July, with **Professor Saifur Rahman** of *Virginia Tech* as the Speaker and **Dr. M. Rizwan** as the Course Coordinator.

The GIAN course on “**Production Planning for Manufacturing Excellence**” was organized by Department of Mechanical, Production and Automobile Engineering from 4th to 8th July, at the Smart Classroom, Administrative Building, with **Prof. Subhash C. Sarin** of *Virginia Polytechnic Institute and State University* as the Speaker and **Prof. S. K. Garg** as the Course Coordinator. The chief guest for the inauguration function was **Prof. Prem Vrat**, *Eminent Professor and former Director of IIT Roorkee*.



## CENTRAL LIBRARY'S UNDERTAKINGS

Central library, DTU organised a Workshop session on **Pearson e-Books** on 3rd May, 2016 in order to create awareness and enhance the use of e-Books. Central Library, DTU has subscribed to 363 *Pearson e-Books* at present. Workshop sessions on **Grammarly**, the world's leading automated proofreader, on 10th May, 2016 and **Indian Citation Index (ICI)**, an indigenous Citation Database which comprehensively covers contents of journals published from India, on 19th April 2016, were also organised.

## INTERNATIONAL YOGA DAY

Delhi Technological University celebrated International Day of Yoga by organizing a week long **Yoga Workshop**, from 21st to 26th June, 2016, with **Dr. M. M. Tripathi** as the Coordinator for the event. Yoga specialists from **The Art of Living Foundation, Bangalore** and **Gayatri Parivar, Haridwar** were also present during the event. Various *breathing and meditation techniques* were taught in the interactive sessions.



## IICIP-2016

India International Conference on Information Processing-2016, in association with IEEE, will be organized between 12th August, 2016 and 14th August, 2016. IICIP will provide a wide platform to researchers from academies, industries and government organizations to share their novel ideas. This conference aims to provide an *International forum for contemplating the interdependent and inter-disciplinary research ideas* for enhanced quality work on *Information Processing*.

Faculty Development Program on “**Recent Trends in Pattern Analysis and Machine Learning**” was organized by the *Department of Electronics and Communication Engineering* from 11th to 15th July with **Dr. Dinesh K. Vishwakarma** as the Course Coordinator and **Mr. M.S. Chaudhary** and **Mr. Rajesh Birok** as the Co-coordinators. The course focused on the applications of *Pattern Recognition, Visual Object Recognition, Medical Image Analysis and Facial Recognition*.

Faculty Development Programs were organized by the *Department of Civil Engineering* with **Prof. Nirendra Dev** as the chairman. FDP on “**Geotechnical Engineering for Urban Infrastructure**” was organised from 11th July to 15th July with **Dr. Amit Kumar Shrivastava** as the Course Coordinator and **Dr. Munendra Kumar** and **Mr. S. Anbu Kumar** as the Co-coordinators of this short term course which was based on *The Geotechnical Challenges faced by Engineers in Building Projects and Highways*. FDP on “**Recent Developments in Fluid Mechanics**” was organised from 18th July to 22nd July with **Dr. Munendra Kumar** as the Course Coordinator and **Dr. Amit Kumar Shrivastava**, **Mr. T. Vijaya Kumar** and **Mr. S. Anbu Kumar** as the Co-coordinators of this short term course which was based on *Fluid Statics, Fluid Kinematics, Hydrodynamic Stability, Forces on Submerged Bodies, Fluids in Relative Equilibrium and Boundary Layer Theory*.

Faculty Development Program on “**Statistical Methods and A brief on LaTeX**” was organized by the Department of Applied Mathematics from 18th July to 22nd July with **Prof. Sangita Kansal**

## TEQIP-II SPONSORED EVENTS

as the Chairperson, **Prof. H.C. Taneja** as the Co-Chairman, **Dr. S. Sivaprasad Kumar** as the Course Coordinator, and **Dr. R. Srivastava**, **Dr. Naokant Deo** and **Dr. C.P. Singh** as the Co-Coordinators. The course focused on various *Statistical Methods, Regression Analysis and Sampling Distributions*.

Faculty Development Programs were organized by the *Department of Humanities* with **Dr. Seema Singh** as the Principal Coordinator. FDP on “**Social Responsibility of Higher Educational Institutions**” was organized from 21st July to 22nd July, with **Ms. Saroj Bala**, **Mr. Nand Kumar** and **Ms. Parinita Sinha** as the Coordinators of this seminar on *College/University-NGO-Corporate Sector Community Partnership*. FDP on “**Research and Publication**” was organized from 25th July to 29th July, with **Mr. Nand Kumar** and **Ms. Parinita Sinha** as the Course Coordinators. Eminent Scholars from JNU, University of Delhi, IIT Delhi and other reputed institutions delivered lectures on the *Emerging Trends of Research in Social Sciences, Management and Language*.

Faculty Development Program on “**Recent Developments and Challenges in Materials and Manufacturing Process**” was organized by the *Department of Mechanical, Production and Automobile Engineering* from 25th July to 29th July with **Prof. R.S. Mishra** as the Chairman, **Prof. Vipin** as Principal Coordinator and **Mr. N. Yuvaraj**, **Dr. R.C. Singh** and **Mr. M.S. Niranjana** as the Course Coordinators. The objectives of the course were to generate and impart knowledge on the *Fabrication of recent advanced materials and composites*.

## AWARDS AND ACCOLADES

### Prof. Daya Gupta, Professor, Dept. of Computer Science Engineering

- Guest Guest of Honour, Inaugural function of Cultural Program, Ambedkar Institute of Technology, Shakarpur, Delhi.
- Subject Expert, Board of UPSC for selection of Associate Professor in Computer Science.
- External Expert, Board for Assessment of Scientists in the discipline of Computer Science, Defence Research Development Organisation, Delhi and Bangalore Labs.
- Technical Program Committee Member and Session Chair, IEEE International Conference on Computer, Communication and Automation, April, 2016.
- Technical Program Committee Member, International Conference on Recent Trends in Computer Science, SRM University, Ghaziabad, August, 2016.

### Dr S. Indu, Associate Professor, Dept. of Electronics and Comm. Engineering

- Member, Selection Committee, National Institute of Electronics and Information Technology, July, 2016.

### Dr Neeta Pandey, Assistant Professor, Dept. of Electronics and Comm. Engineering

- Reviewer, Turkish Journal of Electrical Engineering and Computer Sciences.
- Reviewer, IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- Reviewer, 5th International Conference on Advances in Computing, Communications and Informatics.
- Chair, Technical Session, 3rd International Conference on Signal Processing and Integrated Networks, 2016.
- Member, Technical Program Committee, 2nd International Symposium on Emerging Topics in Circuits and Systems.

### Dr M. Jayasimhadri, Assistant Professor, Dept. of Applied Physics

- Visiting Researcher, Dept. of Physics, Changwon National University, Changwon, South Korea.
- Life Member, The Indian Science Congress Association.

**Dr Dinesh K. Vishwakarma, Assistant Professor, Dept. of Electronics and Comm. Engg.**

- Member, Technical Program Committee, IEEE Conference on Signal Processing and Communication, IIIT, Noida, U.P.

**Dr Rajeev Kumar Mishra, Assistant Professor, Dept. of Environmental Engineering**

- Reviewer, Springer Plus Journal.

**Dr. M. Rizwan, Assistant Professor, Dept. of Electrical Engineering**

- Recipient, Raman Fellowship for Postdoctoral Research, Indian Scholars in USA.

## CONFERENCES AND WORKSHOPS ATTENDED

**Prof. R.S. Mishra, HOD, Dept. of Mechanical Engineering**

- GIAN (Global Initiative of Academic Networks) Course, Production Planning for Manufacturing Excellence, DTU, July, 2016.

**Prof. Daya Gupta, Professor, Dept. of Computer Science and Engineering**

- Delivered lecture on Agile Methodology at FDP, MSIT, Delhi.

**Dr. Anjana Gupta, Associate Professor, Dept. of Applied Mathematics**

- Organizer, One day Curriculum Revision and Development Workshop for B.Tech (Mathematics and Computing) under TEQIP-II, April, 2016.

**Dr. Pravir Kumar, Associate Professor, Dept. of Biotechnology**

- Organizer, One day Curriculum Revision and Development Workshop for B.Tech (Mathematics and Computing) under TEQIP-II, April, 2016.

**Dr. Anjana Gupta, Associate Professor, Dept. of Applied Mathematics**

- Keynote Speaker, Relevance of Biomedical Engineering in Neuronal Pathophysiology, National Conference on Recent Trends in Biotechnology, Madhya Pradesh Council of Science and Technology (MPCST), VISM, Gwalior.

**Dr. Amit Pal, Assistant Professor, Dept. of Mechanical Engineering**

- Delivered lecture on 'Transport Systems Exhaust Emissions Control Strategies and Sustainable Fuel for Transportation', FDP on Advances in Thermal and Fluids Engineering, RGIT, July, 2016.

**Dr. M. Rizwan, Assistant Professor, Dept. of Electrical Engineering**

- Organizer, MHRD Sponsored First GIAN Course on Challenges and Opportunities in Renewable Energy: Role of the Smart Grid, DTU, June, 2016.

**Dr. Dinesh K. Vishwakarma, Assistant Professor, Dept. of Electronics and Comm. Engg.**

- Organizer, One week FDP on Recent Trends on Pattern Analysis and Machine Learning, July, 2016.

**Dr. Ranganath M. Singari, Assistant Professor, Dept. of Mechanical Engineering**

- Organiser, one week SDP for Technical Staff, DTU.
- Two Expert lectures at FDP/SDP, DTU.

# RESEARCH PAPERS PUBLISHED

**Prof. R.S. Mishra HOD, Dept. of Mechanical Engineering**

- 'Experimental Analysis of Surface Roughness during CNC Milling of Brass using Response Surface Methodology', International Journal of Modern Engineering Research.
- 'Thermodynamic Analysis of half-to-double effect Solar Powered Absorption System for Mechanical Engineering Department Seminar Room', International Journal of Sustainable Science and Engineering.
- 'Modelling and Performance Analysis of Solid Oxide Fuel Cell and Gas Turbine Hybrid System for enhancing Thermal Performance', International Journal of Sustainable Science and Engineering.
- 'Design and Performance Analysis of Solar Parabolic Trough for Cooking Applications', International Journal of Research and Scientific Innovation.
- 'Performance Analysis of 40 kW Solar Photovoltaic System at DTU', International Journal of Research and Scientific Innovation.

**Dr. S. Indu, Associate Professor, Dept. of Electronics and Comm. Engineering**

- 'Coloured Image Segmentation using K-Means Algorithm', International Journal of Computers and Technology.
- 'Enhanced Leach Clustering Based on Event Location', Journal of Wireless Communication Networks.

**Mr. Sudarshan Kumar Babu Valluru, Associate Professor, Dept. of Electrical Engineering**

- 'Trajectory control of DC Shunt Motor by NARMA L-2 Neuro Controller', 1st IEEE international Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Prototype Design and Analysis of Controllers for One-Dimensional Ball and Beam System', 1st IEEE international Conference on Power Electronics, Intelligent Control and Energy Systems.

**Dr. Anjana Gupta, Associate Professor, Dept. of Applied Mathematics**

- 'Energy Planning Problems with Interval-valued 2-tuple Linguistic Information', Operational Research: An International Journal, Springer.

**Dr. Pravir Kumar, Associate Professor, Dept. of Biotechnology**

- 'Linking Mitochondrial Dysfunction, Metabolic Syndrome and Stress Signaling in Neurodegeneration', Biochimica et Biophysica Acta, BBA Molecular Basis of Disease, Elsevier.
- 'Ion channels in neurological disorders', Advances in Protein Chemistry and Structural Biology
- 'Molecular Chaperones and Ubiquitin Proteasome System in Tumor Biogenesis: An

Overview', Journal of Cell Biology and Cell Metabolism.

- 'Epigenesis in Colorectal Cancer: A Lethal Change in the Cell', Advancement of Epigenetics in Cancer, Springer.
- 'Epigenetic Post Transcriptional Mutation in Neuro-Oncology', Advancement of Epigenetics in Cancer, Springer.
- 'Epigenetics and Angiogenesis in Cancer', Advancement of Epigenetics in Cancer, Springer.

**Dr. Neeta Pandey, Assistant Professor, Dept. of Electronics and Comm. Engineering**

- 'Generalised Operational Floating Current Conveyor based Instrumentation Amplifier', IET Circuits, Devices and Systems.
- 'Realization of OFCC based Transimpedance Mode Instrumentation Amplifier', Advances in Electrical and Electronic Engineering.
- 'Voltage and Current Mode OFCC Based Semi Gaussian Shapers', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Design of Digitally Controlled OTRA based Filter for Hearing Aid Application', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Efficient CVSL based Full Adder Realizations', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Operational Trans-Resistance Amplifier based Low-Voltage Reference', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Voltage differencing Buffered Amplifier based Quadrature Oscillator', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Modelling a Simple Current to Voltage Converter using Artificial Neural Networks', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.

**Dr. Rajeshwari Pandey, Assistant Professor, Dept. Of Electronics and Comm. Engg.**

- 'Generalised operational floating current conveyor based instrumentation

amplifier', IET Circuits: Devices and Systems.

- 'Voltage and Current Mode OFCC Based Semi Gaussian Shapers', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Design of Digitally Controlled OTRA based Filter for Hearing Aid Application', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Voltage Differencing Buffered Amplifier based Quadrature Oscillator', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'Operational Trans-Resistance Amplifier based Low-voltage Reference', IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems.
- 'A gm-C Quadrature Oscillator Based on DOVDBA', National Conference on Recent Innovation in Engineering and Technology.

**Dr. M. Jayasimhadri, Assistant Professor, Department of Applied Physics**

- 'Significant Enhancement in Photoluminescent Properties via Flux Assisted Eu<sup>3+</sup> Doped BaNb<sub>2</sub>O<sub>6</sub> Phosphor for White LEDs', Journal of Alloys and Compounds.

**Dr. Dinesh K. Vishwakarma, Assistant Professor, Dept. of Electronics and Comm. Engg.**

- 'Human Activity Recognition based on Spatial Distribution of Gradients at Sub-levels of Average Energy Silhouette Images', IEEE Transactions on Cognitive and Development Systems.

**Dr. Rajeev Kumar Mishra, Assistant Professor, Dept. of Environmental Engineering**

- 'Urban Roadside Monitoring and Prediction of CO, NO<sub>2</sub> and SO<sub>2</sub> Dispersion from On-Road Vehicle in Megacity Delhi', Transportation Research Part D: Transport and Environment, Elsevier.

**Dr. Amit Pal, Assistant Professor, Dept. of Mechanical Engineering**

- 'Production from Cedrus Deodara oil in Different Types of Ultrasonic Reactors and Energy in Taylor and Francis Energy

Sources', Part A: Recovery, Utilization, and Environmental Effects.

**Ms. Indu Singh, Assistant Professor, Dept. of Computer Science and Engg.**

- 'A Dynamic Session Oriented Clustering Approach for Detecting Intrusions in Databases', International Conference on Communication and Networks.
- 'Breast Cancer Detection using Two-Fold Genetic Evolution of Neural Network Ensembles', 3rd IEEE Proceedings of International Conference on Data Science and Engineering. Co-authors: Karan Sanwal, B. Tech., 4th Year and Satyarth Praveen, B. Tech., 4th Year.
- 'A Hybrid Filtering Approach of Digital Video Stabilization for UAV using Kalman and Low Pass Filter', Elsevier Procedia Computer Science, 6th International Conference on Advances in Computing and Communications.
- "Conditional Adherence based Classification of Transactions for Database Intrusion Detection and Prevention", accepted in 5th IEEE Proceedings of International Conference on Advances in Computing, Communications and Informatics, (ICACCI -2016), September, 2016, Jaipur, India.

**Mr. Anil Singh Parihar, Assistant Professor, Dept. Of Computer Science and Engg.**

- 'An Optimal Fuzzy System for Edge Detection in Color Images using Bacterial Foraging Algorithm', IEEE Fuzzy Systems.
- 'Contrast Enhancement Using Entropy-Based Dynamic Sub-Histogram Equalisation', IET Image Processing.

**Dr. Richa Srivastava, Assistant Professor, Dept. of Applied Chemistry**

- 'Molasses Based Growth and Lipid Production by Chlorella Pyrenoidosa: A Potential Feedstock for Biodiesel', International Journal of Green Energy.

**Mr. Paras Kumar, Assistant Professor, Dept. Of Mechanical Engineering**

- "Experimental Investigation and Optimization of EDM Process Parameters for Machining of Aluminium Boron Carbide (Al-B<sub>4</sub>C) Composite", Machining Science and Technology.

# STUDENT ACHIEVEMENTS

## HONORS AND AWARDS

### Himanshu Kaul, B. Tech., EP, 4th Year

- Winner of LinkedIn MTV "Get a Job - Season 2". Product Intern at LinkedIn.

### Abhishek Arya, Pankaj Jain, Sunchit Jindal, Yaman Arora, B. Tech., ECE, 3rd Year

- Secured 5th position and awarded a Certificate of Merit in e-Yantra Robotics Competition, organized by IIT Bombay along with Ministry of Human Resource Development.

## SCHOLARSHIPS

### Jigyasa Grover, B. Tech., COE, 4th Year

- Mitacs Globalink Research Internship Scholarship 2016 in association with Ministry of Human Resource and Development, India Working at National Research Council of Canada, Ottawa for the summer.

### Raghav Apoorv, B. Tech., MCE, 4th Year

- Secured 5th position and awarded a Richard E. Merwin Student Scholarship, IEEE Computer Society to recognize and reward active student volunteer leaders in student branches or chapters who show promise in their academic and professional efforts. A grant of \$1,000 was awarded.

### Nisha Yadav, B. Tech., MCE, 4th Year

- Selected in The Outreachy Summer Project and working in OpenStack.

### Siddhartha Arora, B. Tech., COE, 3rd Year

- Received a grant of 1300 SGD to pursue research at the School of Computing, National University of Singapore.

## CONFERENCES AND WORKSHOPS ATTENDED

### Jigyasa Grover, B. Tech., COE, 4th Year

- Delivered a talk on 'Women and Open Source', The Society of Women Engineers Annual Conference India 2016, Pune, April 2016, as a representative of Women Who Code Organization.

### Sandeep Bhaskar, Varun Gupta, Ritesh Kurar, B. Tech., CE, 4th Year

- Attended The National Conference of Technical Advancement in Civil Engineering, organized by Lovely Faculty of Technology and Sciences on April 2016. The conference aimed to promote, encourage and bring together academicians and researchers to discuss the emerging challenges faced by society in the field of construction.

### Siddhartha Arora, B. Tech., COE, 4th Year

- Attended PyconSG 16, the International Python Conference, Singapore.

### Paridhi Rustogi, B. Tech., ENE, 4th Year

- Indian Delegate to the 5th Asia Pacific Youth Parliament for Water held in Daegu Gyeongbuk Institute of Science and Technology, Daegu, South Korea.
- Awarded the 'Ministry of Environment of the Republic of Korea Award', will represent the APYPW at the 2016 World Water Week in Stockholm, Sweden.

## RESEARCH PAPERS

### Suyash Nigam, Shubham Bansal, Vansh Sharma and Tanmay Nema, B. Tech., ME, 4th Year

- 'Design and Pitch Angle optimisation of Horizontal Axis Hydrokinetic Turbine with constant Tip Speed Ratio', 5th International Conference on Advances in Mechanics Engineering, Nanyang Technological University, Singapore.

### Apurva Jain, B. Tech., EP, 3rd Year

- 'Impact of Minority Carrier Lifetime and Temperature on SiC based Rear Contact SiGe Solar Cell for Concentrator Photovoltaic (CPV) Applications', EUPVSEC- 2016, Munich, Germany.

### Siddhartha Arora, B. Tech., COE, 4th Year

- 'ACEiT - Active Collaborative Learning for in-class Teaching', International Workshop on Technology Enhanced Collaborative Learning, Kanazawa, Ishikawa, Japan.

## GOOGLE SUMMER OF CODE 2016

The Google Summer of Code (GSoC) is an International program, in which all the students who successfully complete a requested free and open-source software coding project during the summer are awarded stipends of US\$5,500 by Google. This year, 12 students from DTU, namely **Umair Khan, Batch of 2K12, ME; Jigyasa Grover, 4th Year, COE; Prempal Singh, 4th Year, EEE; Laavanye Bahl, 4th Year, SE; Shubham Desale, Batch of 2K12, COE; Aanchal Somani, 4th Year, COE; Saksham Saxena, 4th Year, EP; Falit Jain, Batch of 2K12, SE; Vineet Garg, 4th Year, COE; Ayush Tomar, Batch of 2K12, COE; and Arnav Gupta, Batch of 2K12, EEE** got into this prestigious program.

## SOCIETY AND TEAM NEWS

### GOOGLE DEVELOPERS GROUP ORGANIZES STUDY JAMS

Google Developers Group DTU organized a **Google Developers Android Study Jam** in the DTU campus under the mentorship of GDG New Delhi alpha member Jigyasa Grover (GSoC Intern for two consecutive years). The Study Jams were a part of the free series of global, community-run, in-person study groups presented in partnership with **Udacity** and followed their **Android for Beginners curriculum**. Mohammad Umair (4th Year, ME) was the course instructor of the Android Study Jam held weekly in the DTU Campus between 28th March and 5th May 2016.

### SCEE ORGANIZES CONFERENCE ON WOOD RECYCLING

SCEE organized a conference on **Wood Recycling in Europe**, in association with **ESB France** on 26th April 2016. The Chief Guest was **Professor Mark, IRLE, Research Director, wood based composites expert at Ecole Supérieure du Bois, Nantes-France**. The lecture

provided an insight to the technologies currently employed for wood recycling.

### IEEE ORGANIZES PROGRAMMING INTERVIEWS BOOT CAMP

IEEE DTU organized **Programming Interview Boot Camp v4.0** from 3rd to 5th June, in collaboration with **Coding Blocks**. The objective of the Boot Camp was to prepare the students for programming interviews during placement and internship season. A special session on Google Summer of Code was also conducted on 5th June. The **IEEE Computer Society** organized **SWEBoK Training Program** from 6th to 10th June 2016. SWEBoK is an international standard specifying a guide to the generally accepted Software Engineering Body of Knowledge. The workshop was compliant to the National Occupational Standards of Engineering job role in IT companies and covered all the foundation courses required by any IT company.

### NSS LAUNCHES PROJECT KALAM KO SALAAM

'Kalam ko Salaam' is a project which is a tribute to our late ex-president Dr. APJ Abdul Kalam and aims at developing a scientific bent of mind in the children of the country. The NSS volunteers visited **'Subhashika Open Shelter Home'** 4 times during the month of April. They taught Science, English and also engaged the children in fun activities amidst learning.



### KALAKRITI ORGANIZES SPECTRANG, THE ART FEST OF DTU

The art fest of DTU, **SPECTRANG**, was organised by **Kalakriti** on 7th and 8th April, 2016. The objective of the festival was to showcase the talents of the best creative minds who can appreciate and

create the aesthetic beauty that lies within the realms of the culture and magic of art. **Colour you Sole, Monochromatically Yours, Paint to the Beat, Rangoli, Junkyard Fashion and Nailed It** were some of the events conducted in this festival and were very enthusiastically received by the Art lovers of DTU.

### ROTARACT CLUB ORGANIZES BLOOD-DONATION, TREE-PLANTATION DRIVES

The **Rotaract Club** of DTU Regency successfully organised Blood Donation Camps in the college and went on a Tree Plantation Drive on 3rd July, 2016 along with the children of Bangali Basti Slum, achieving not only the target of planting 150+ saplings, but also educating the kids about the importance of the same. The Club also received a token of recognition from the District for the efforts put in by the members.



### ENACTUS

**Project Prakriti**, under **Enactus**, achieved a major feat with sanctioning of the organic composting machine to be installed on campus. The inaugural ceremony was presided over by **Hon. Vice Chancellor, Prof. Yogesh Singh; Hon. MLA, Mr. Ved Prakash** and respected **Faculty Advisor, Dr. Rajiv Kapoor**. The machine recycles kitchen solid waste (obtained from Messes, Canteens and Dry leaves found on campus grounds) in an efficient manner and reduces the process cycle to 15 days.

### SR-DTU ORGANIZES WORKSHOP ON EMBEDDED SYSTEM

SR-DTU organised a **Workshop on Embedded System with IoT (Internet of Things)** from 20th June to 1st July. **Professor Rajiv Kapoor**, head

faculty member of the society lectured on Robotics and Object Tracking. A massive number of students showed up for the workshop. After receiving an overwhelming response in June, SR-DTU also planned another workshop during mid-July at the Ambedkar College, Geeta Colony.



### DTU SUPERMILEAGE TEAM SHINES IN MANILA

The DTU Supermileage Team Secured **9th position out of a total of 158** participating teams in **Shell Eco-Marathon Asia 2016, Manila, Philippines** under the Urban Concept gasoline category, Asia. It was the **only Indian team** to clear all the safety tests and make the run.



### TEAM RAFTAAR PARTICIPATES IN HPVC WEST 2016, USA

The HPVC Team of DTU took part in the **Human Powered Vehicle Challenge West 2016** organised by American Society of Mechanical Engineers this year. The Challenge was held in the Santa Clara University, San Jose, California. They stood at overall **19th position among the top 40 qualified teams** and also bagged the **12th position in the Design Event**.

## TEAM ACHIEVEMENTS



### INFERNO DTU WINS LAURELS AT THE INTERNATIONAL GO-KART CHAMPIONSHIP

INFERNO DTU secured the “Best innovation Award” at the International Go-kart Championship 2015-16, held at Lovely Professional University under LPU-SAE India.



### DTU CRICKET TEAM WINS LAURELS

The DTU cricket team for 2016-17 will be lead by Harsh Vikram Singh, with Vaibhav Gauhania as its Vice Captain. The Cricket team participated and shone in various events including the sports fests of IIT Kanpur (Semi-Finalists) and IIT Roorkee (Semi-Finalists) as well as the KIIT Premier League (Super 8) and DTU Cricket league (Finalists).

### DTU BADMINTON TEAM WINS LAURELS

The DTU Badminton team emerged triumphant at Triquetra, March, 2016. DTU was one of the three colleges that participated- the other two being IIIT-D and NSIT.

# CAMPUS INFO

### DTU WIFI

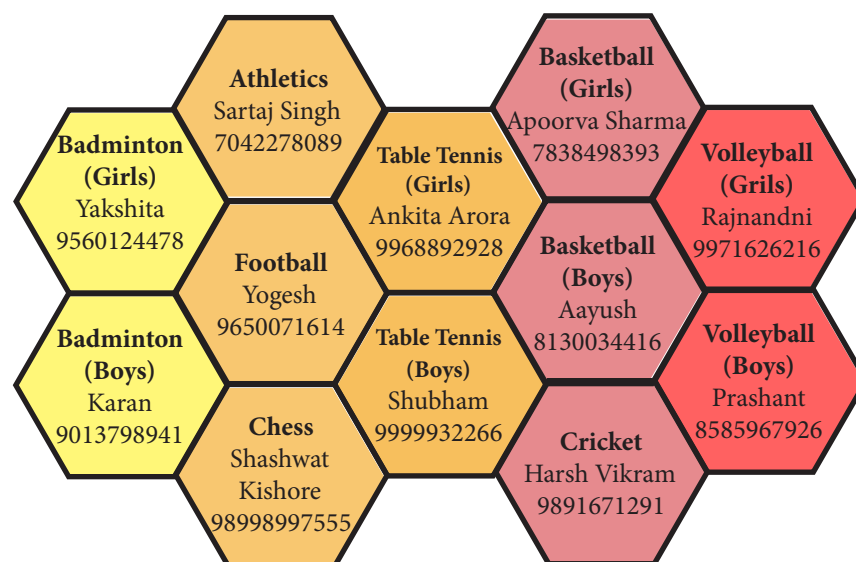
Our campus at DTU has a strong wifi working at all hotspots across the campus, particularly strongest near the Library, Admin Block, Academic Block and the Admin Ground. To gain access to this network, you must get yourself a unique User ID and password. For this-

1. Write an application to the Computer Centre which will be by means of a form available on the DTU website.
2. Take a print out of that form and submit it to the Computer Centre above the TnP Department.
3. Against that form, you will receive a unique User ID for which you can create a Password at the time.
4. You now have your user ID and password credentials. You can also get a college domain email ID from the Computer Centre if need be.
5. Next, simply connect your device to the Wifi by signing in with your credentials.

### INTERNING AT DTU

With the aim to provide an opportunity to the students of DTU, to learn about real life work culture and provide exposure, it was proposed to engage them in various activities in the University. With the same intention, the Board of DTU has approved the introduction of USIP (University Student Internship Program). The selection to the program will be made based upon the interest of the students and his/her suitability for a particular activity. Interns shall receive a stipend of Rs 2500/- per month and will be engaged for 6-8 hours per week including weekends and holidays.

# SPORTS TEAMS CONTACTS



# INTERVIEWS



## KUMAR HARSH

DTU Times interviewed DTU's alumnus Kumar Harsh, who has secured an All India Rank of 43 in the UPSC Civil Services Exam, 2016. Kumar Harsh graduated from the Mechanical Engineering Batch (B.Tech) of 2015.

**Congratulations for your amazing result! The UPSC Examination consists of three rounds, namely, the Preliminary Exam, the Mains Exam and the Interview. What is the difference in preparation styles for each of these rounds?**

Thank you! The content and syllabus for each round is the same. But since the Prelims Exam is objective and the Mains exam is subjective, we have to emphasize more on the factual portions of the syllabus for the Prelims Exam. Moreover, the subjective Mains examination needs a far deeper analysis of the concepts. Many questions are opinion based in the Mains examination and require a thorough understanding of concepts. In the Interview round, you must stick by your opinion and back it in front of the interviewer. You should take a clear stand and support your opinion. Confidence is of paramount importance in the Interview round.

**We have to choose a particular subject for the Mains Examination. Which subject do you think should engineers choose to get an optimum score in the Mains Examination?**

Aspirants should choose the subject which they are interested in studying. My subject was Philosophy, because I was passionate about this subject and enjoyed studying it. The choice of the subject does not determine your success

in the exam. Students from all avenues and all subjects have performed well in the Civil Services Exam.

**There is a common perception among students that selection in the Mains Examination is extremely difficult with the Science/ Engineering subjects. Is this true?**

Not at all! Science and Engineering Subjects do require a lot of hard work but they are very scoring. You can score really high marks with the Science Subjects if you work hard. As I have already said, which subject you choose should depend entirely on your interest and nothing else.

**Which service are you choosing out of all the Services that are allotted to the selected candidates in the UPSC Civil Services Exam? Is it the IAS (Indian Administrative Service), the IPS (Indian Police Service), the IFS (Indian Foreign Service) or some other service?**

I have opted for the Indian Administrative Service (IAS). I want to serve my nation at the grassroots level and work for the exclusive growth of the country. The first step in bringing about Exclusive growth is by improving our Healthcare and Education at the ground level. Irrigation and Rural Development, Utilisation of Fertile land are some of the issues that I would like to tackle when I work as an IAS Officer.

# JIGYASA GROVER

Jigyasa Grover is a 4th Year student of Computer Engineering. She has interned at the National Research Council of Canada this summer, and has been accepted to the prestigious Google Summer of Code for two years. Here is what she has to say!

**So a lot of our readers had questions about what to do during vacations, and how to land a good internship. And you have had a fabulous internship this summer. Could you please throw some light on that?**

My internship is a Research Fellowship at the National Research Council of Canada, which I found online. Then, I filled in the application form, and had a Professor write me a Letter of Recommendation. It is a fully sponsored internship, and covers all my travel and living expenses



For students seeking a good on-campus internship, I'd suggest they start looking up websites which have questions and other basic tips during their summer vacation itself. You also need to be thorough with the curriculum, and prepare commonly asked interview questions. The most enticing firms come around the first 2-3 weeks of the semester itself, so one really needs to prepare beforehand. September onwards is when the Start-Ups and other non-tech companies come to hire interns. Keep the aggregate percentage above the usual cutoff of 70%-75%. Be confident, and do not lose hope.

**You are a 4th year student of the Computer Engineering branch. Was COE always your first choice? What made you take up COE at DTU?**

As per my JEE rankings, I had been allotted a seat at IIT Roorkee. But my father who is a Computer Professional himself, suggested I take up Computer Engineering. It was a tough decision to leave IIT. I applied for, and got admitted to COE at DTU. And after three years, I am glad I made that decision.

**How has the journey at DTU been so far? Has its atmosphere helped you hone your coding and technical skills?**

DTU has been an awesome journey! The curriculum gives you a generous amount of free time, which if utilized properly, can help you excel at anything you might be passionate for. The atmosphere of coding is generally of two types. One is Development or Open Source Programming, like developing apps for Android. Second, pure Competitive/Algorithmic Coding.

DTU has both cultures in its coding scene, which gives a student to choose and excel in whatever path they want to take. There are a lot of support groups for coders, like DTU Open Source SIG, DCE Programmers, DCE Coders, CSI and IEEE DTU, and of course helpful seniors, who provide the necessary guidance to coding enthusiasts, and enable them to excel.

**One of the most awaited internship is the prestigious Google Summer of Code (GSoC). Every coder aims to be selected for it, and you have been selected for it twice, in 2015 and '16. Could you tell our readers how to crack this internship?**

It's an initiative where Google pays a handsome stipend of 5500 USD for the entire duration of the summer program.

Only about 1000 people get selected for it from around the globe. India has had the highest number of selections, and DTU is one of the colleges with the highest number of students selected in the country. The program is work-from-home, and one submits the code on an online platform.

To crack this internship, one needs to first, get online and start contributing on open source platforms. Get added to a lot of mailing lists, forums, follow discussions on IRCs and follow a lot of chats and blogs about open source coding. Then, slowly start contributing to these platforms.

After the application process begins, you need to submit a project proposal. Then, if your profile stands apart, you get funded by Google, and you work for the organization you made the proposal for.

**You have also been involved in many other Coding related initiatives by Google, and other organizations. Our readers would love to know more about those!**

So apart from GSoC, I am involved as a mentor with Google Code-In. It is a global annual programming competition hosted by Google Inc. that allows pre-university students to complete tasks. I am also the Director of Women Who Code, Delhi. It is a non-profit organization headquartered in USA that empowers women in the field of coding. In that capacity, I have spoken in various conferences around Asia.

I lead Google Women Techmakers, Delhi. I am also in the alpha team of Google Developers Group, Delhi. Lastly, I have been associated with 'Learn IT, Girl' as mentor, developer and program

organiser.

**A lot of freshers and second years have one question in mind - 'How do I learn Coding?', irrespective of them being from a coding branch or not. Any advice in this regard?**

So even though I had taken COE up, until the end of the first year, all I could do was make simple programs. In the summer after my first year, I started looking up online resources and courses for C/C++. Then, I started learning Java and Android Development on my own. I've never attended any Coding School.

Time well invested always pays. The internet is a plethora of resources, one better than another. Use that, and your time productively, and you'll be set.

Also, I formed a team, and we participated in a lot of Hackathons in NCR and Bangalore. Incidentally, we ended up winning in all of them! You learn a lot in that period of 24 hours. Participate in as many such events as you can.

# LUBDHAK CHATTERJEE

DTU Times interacted with Lubdhak Chatterjee, an M. Tech. student of DTU. Recently, his Short Film, "In A Free State" was screened in the Cannes Film Festival. We wish him luck for all his future ventures.



**What inspired you to take up film making?**

I don't have a background in film making, I come from a background of Academicians, but was brought up in Bengal, reading Tagore, Satyajit Ray, and Rituparno Ghosh. They were also a part of my development through their films. I first started with still Photography, and then I moved on to Blogging. So all this pushed me to a field which nearly integrates everything. I shot a short project for my friend.

**Film making is a costly process, so how did you finance the process?**

Friends played a huge role. In late 2014, we started planning to make something and started saving money for it. When I shared my ideas with them, they really wanted to help me. Some money from my scholarship was also used for the process. Resources that we used were minimal, and people don't see your struggles, they only see the final product.

**Amongst Film Making, Photography and Blogging, which is your favourite?**

I would say film making because it is an amalgamation of different streams of art. I was allowed to do things that I love to do. Although still photography remains special to me, as it was the first thing that I took up on my own.

**When you were in the process of making the film, did you expect that your film would make it to Cannes and how did you get your movie to be screened at Cannes?**

I believe that these things stay in the mind when making the film. Mainly, not while writing the story. But you know what you want to do. Being a short film, Cannes is one of the only places where you know you will get recognition for your work. It is like applying for college. There is a submission portal on their web page. You make the film, pay the fees, submit your entries and then wait for results. If you get selected, then they let you know.

**After Cannes selection how has your life changed and what is your next project?**

One thing that has worked in my favour is that 6 months back, not many people knew me but now I have got more people to listen to what I am doing, and interact with them. This will certainly help with my new project. Actually, I worked on a project in December. In late January, we finalized the script for the project. But we were unable to shoot it due to lack of funding.

**Do you want to take film making to the next level and pursue it as a career?**

It is a very big question, and it is a part of my film too, as the protagonist is an aspiring filmmaker. Right now I don't believe in leaving everything and jumping into this arena, but I am looking forward to work on this project in the future as well.

*DTU times would like to thank all the interviewees for their valuable time, and wish them all the best for their future endeavours.*

# CULTURAL COUNCIL AND CULTURAL EVENTS IN 2015-16

The DTU Cultural Council 2015-16 comprised of Nalin Choudhary, Sheikh Farhan Raza, Aditi Maheshwari, Nishant Aneja, Jatin Aggarwal, and the members led by them.

*The Chairperson of the Cultural Council, Dr. S. Indu* acknowledged their hard work and said, "I am contented to see the council blossoming in every way, since the first day of work. I am impressed that this year, the University was more culturally active than ever."

Academic Year 2015-16 began with **Freshers' Week**. The various events included the Boys' and Girls' Marathon, 'Raise your Voice'-Group Discussion, Flash Mob, Stand-Up Comedy and an interactive session with the bestselling novelist Mr. Anurag Garg. The week ended with the exquisite **Freshers' Night** which featured an electric mélange of activities.

On 19th of October, DTU saw its first ever **Dandiya Night**. It started with a short Garba-Raas performance which was followed by non-stop dancing including Dandiya, Garba, and a Jam Session to conclude.

On 7th January, DTU witnessed the presence of **VJ Bani**, one of the finest youth and TV Icons! She was here for **LinkedIn-MTV 'Get A Job' drive**, in association with the top companies like Pepsi, Reliance, Adidas, Flipkart, HCL, UBER, Marico, Godrej, Amazon and Airtel to give an opportunity to have a job of your dreams. The students gathered in numbers to greet her. Bani mentioned in her interview that she was amazed by the energy of the college.

On 13th January, the council collaborated with the British Council to present '**Great talk' with Iain Stewart**, a professor in the University of Plymouth and an eminent figure in the field in Geosciences renowned as 'Geology's rock star'. Students gathered in masses to attend his talk on

**"Communicating Geoscience Through Popular Media"** which was followed by a healthy interactive session. It provided a paradigm shift for the students as well as the guests, where they were able to look at a particular concept from a totally new perspective.

On 16th January, DTU witnessed one of the most sensational **Dance Competitions**. It was judged by the talented **Salman Khan** of **Dance India Dance** fame. Around 30 proficient teams from different colleges participated out of which 8 teams were selected to be aired on TV by MTV. Exuberant fans came for an evening of live entertainment and amazing dance performances.

True to its tradition, this year too, the much awaited **Engifest'16** was held from 13th to 15th of February. The cultural spectacle started with the Inauguration Ceremony which was presided over by **Honorable Vice Chancellor, Prof. Yogesh Singh**. The ceremony was also graced by the esteemed presence of **Sh. Manish Sisodia**, **Deputy Chief Minister of NCT Delhi** who imparted some words of wisdom to the audience and gave them valuable advice on how to be a good leader. **Sh. Sandeep Kumar**, **Minister of Women, Child and SC/ST Welfare** and **Sh. Ved Prakash**, **MLA of Bawana Constituency** were the **Guests of Honour**.

For the first time ever, the Cultural Council pulled off the most scintillating performance of Engifest '16 - **Vishal-Shekhar Live Concert!** The following two nights witnessed power packed performances by **Lagori Band**, **Antariksh Band** and **VH1 Supersonic EDM Night**.

The days were equally groovy! **Boogie Frantick**, *one of the known poppers from California USA* was invited as a special judge for the **STFU - street dance event**. Around 200 dancers from across the country participated in the event and battled with each other. Another event was

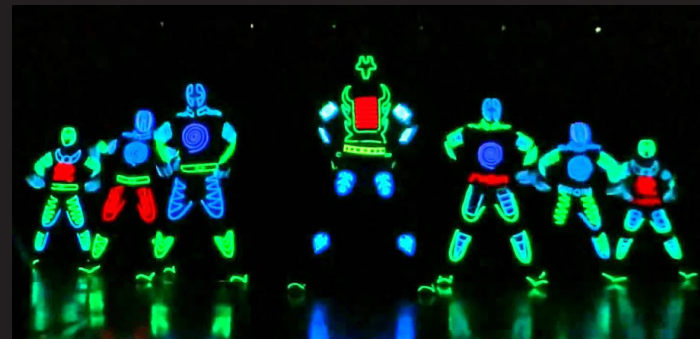
**Campus Princess-** a preliminary round for Femina Miss India which was judged by the talented **Miss India World 2015 - Aditi Arya**. Finally, the event which was attended by numerous fans was **Kumar Vishwas Live**. With his wit, humor, satire and poetry, he impressed one and all. **Fun City and Food city** propelled the excitement to a new level altogether!

**Mr. Anoop Lather**, *Consultant, Youth and Cultural Affairs* said, "I am elated to see the campus brimming with joy, culture and ecstasy. My heartiest congratulations to the council for an outstanding fest and keep up this legacy of hard work and excellence."

On 5th and 6th of March, **India's Got Talent - the biggest Indian reality television series on Colors television network, a part of the global British Got Talent franchise**, was in DTU. It was the first time DTU ever saw such a big collaboration. The two days saw an explosion of talent and showmanship from every corner of Delhi and more. Around 3000 zealous people battled it and the selected ones were shot to be aired on TV in our own auditorium and OAT!

Hindi poetry aficionados were in for a special treat on 12th April, at the **Kavi Sammelan**, held on the occasion of 75th anniversary of the college, where poets such as **Pratap Faujdar**, **Rasik Gupta**, **PK Azad**, **Sumit Mishra** and **Priyanka Rai** narrated some of their best creations. **Pratap Faujdar** is *one of the most famous and admired poets* of the present generation. His unique style of reciting poems created bouts of laughter in the auditorium.

DTU saw another new addition to its events where the Honorable IAS and IPS officers of Delhi graced us by their presence. They gave a splendid presentation on women safety for the youngsters of DTU and made everyone aware of the recently launched **Women Safety App**. It was followed by a **Kavi Sammelan** by renowned poets.



For our beloved seniors from B.Tech, M.Tech and MBA, the council organized a **Farewell Week**, a fiesta devoted to the years spent by the seniors in DTU. The various events included **Scribbling Day**, **Light it up**, **Prom night**, **DJ Night** and **DTU Roast**.

**Aditi Maheshwari**, *Jt. Cultural Secretary*, on **Freshers' Week**: I am delighted to see the freshers settle-in so quickly as the college was in a festive spirit during the entire week.

**Sheikh Farhan Raza**, *Treasurer*, on **Dandiya Night**: I am overjoyed to have been able to organize such an event in the campus as it created a fascinating aura of festiveness in the campus with colorful, musical sticks and traditional attires.

**Nishant Aneja**, *Jt. Cultural Secretary*, on the **Dance Competition** judged by **Salman Khan**: I am contented to see the event being a success, hard work paid off.

**Sheikh Farhan Raza**, *Treasurer*, on **Engifest**: I am filled with pride as this year the budget reached a new height of 50 lakhs, compared to last year's 22-25 lakhs only. I congratulate the corporate team for the same. I also congratulate the PR team and the publicity team as the fest witnessed almost double participation and footfall this year.

**Nalin Choudhary**, *Cultural Secretary*, on **Farewell**: I am glad we could give such dynamic farewell to the seniors of B. Tech, M, Tech and MBA as it had never happened before.

To know more about Cultural Council and its activities, kindly follow the Cultural Council : [facebook.com/dtucc](https://facebook.com/dtucc)

## TEDX DTU

-Alfred Thomas, 3rd Year, MCE; Amit Kumar, 2nd Year, COE

Love it, or hate it, one simply can't ignore what's happening in college. And once in a while, comes forth an event that's actually worth the hype. On April 18th, 2016, DTU hosted one of the most illustrious events in the college's history, TEDx DTU. TEDx was one of the best events that we witnessed this year. It was never about the speakers who graced the stage. It was always about the ideas that impacted our minds. And that's why, arguably, we hope DTU is going to change for the better. Because ideas inspire.

TEDx returned after 4 long years, but it was certainly worth the wait. The coveted list of speakers this time included: **Mr. Dilip Chhabria** (Founder of DC Design), **Ms. Richa Chadda** (Renowned Actress), **Mr. Anurag Batra** (Chairman and Editor-in-Chief, exchange4media group) **Ms. Alisha Abdullah** (National Racing Champion), **Mr. Aaron Friedland** (Founder and Executive Director, The Walking School Bus), **Ms. Archy Jay** (India's first Bagpipe Artist), **Dr. Shivangi Maletia** (Dental Surgeon, Model and a Pageant Choreographer), **Mr. Sanjay Modi** (Managing Director, monster.com, India), **Mrs. Ritu Marya** (Editor-in-Chief, Franchise India Media), **Mr. Taru Dalmia aka Delhi Sultanate** (Indian Reggae Artist), and **Dr. Ashok Seth** (Renowned Interventional Cardiologist).

The day began with an enchanting performance by Madhurima, the Music Society of DTU. Each speaker was allotted 15 minutes in which they could propagate their views on their respective topics, followed by an interactive Q&A session.

TEDx DTU 2016 left an imprint. And so we wait eagerly - growing all along; as our world renews day by day; transformed and revived by the ideas we have - for TEDx 2017, where the story continues...



**AP Lab** - A place where red marks magically appear on your file.

**Amul** - The convenience store, good for a quick bite.

**Attendance** - We become conscious of this entity only when exams approach us.

**Aglasem** - A saviour when it comes to previous year papers (mid-sem and end-sem).

**Bawanaland** - The heart of North Delhi, it is here where you will spend your next 4 years of glory.

**Back** - Avoid it, seriously!

**Bunks** - An integral part of your life at DTU. Begging to the CR for mass bunks is quite a challenge in itself.

**Coding** - An art which propels students to greater heights.

**Clash of Clans** - The game which keeps you awake during lectures.

**C2C (Classroom to Classroom)** - The medium of propagation of information regarding any eveVnt happening in the college.

**Day Scholars** - Refers to most of you who will spend one third of their engineering life travelling in the Metro. It really is 'Life in a Metro' for you.

**DCE** - A word that must be used to clear out any confusion about your college. Used more often than it should be.

**DTU Times** - The Official Newsletter of the University. The source of all reliable communications from the Administration. Also, a lot of creative pieces for you to read and enjoy!

**End Sems** - Each semester culminates with the dreadful End Sem exams.

**Engifest** - The Annual Cultural Festival of Delhi Technological University, a three-day-long extravaganza held in the month of February. Nothing gets bigger than this.

**Fountain** - They only spring to life during the college fests or during some major event held in the college.

**Fuchcha** - That's you! You are a part of the family now.

**Ghissu** - One who studies a lot. Usually crams rather than understands.

**GPL** - Something which makes you more excited about your friend's birthday than your own. Sadly that works both ways.

**Hackathons** - An event, which is the engineering equivalent of a marathon, typically lasting several days, in which a large number of people meet to engage in collaborative Computer Programming.

**Hostel** - The forbidden life for many. Only a certain population of DTU gets to enjoy this larger than life journey.

**Internship** - Some work their way through to get paid internships, others hustle their way by using some distant family connection (see: "Jugaad").

**Jugaad** - Jugaad is a new way to think constructively and differently about innovation and strategy. We engineers master this and use it effectively to face any challenge that life throws at us.

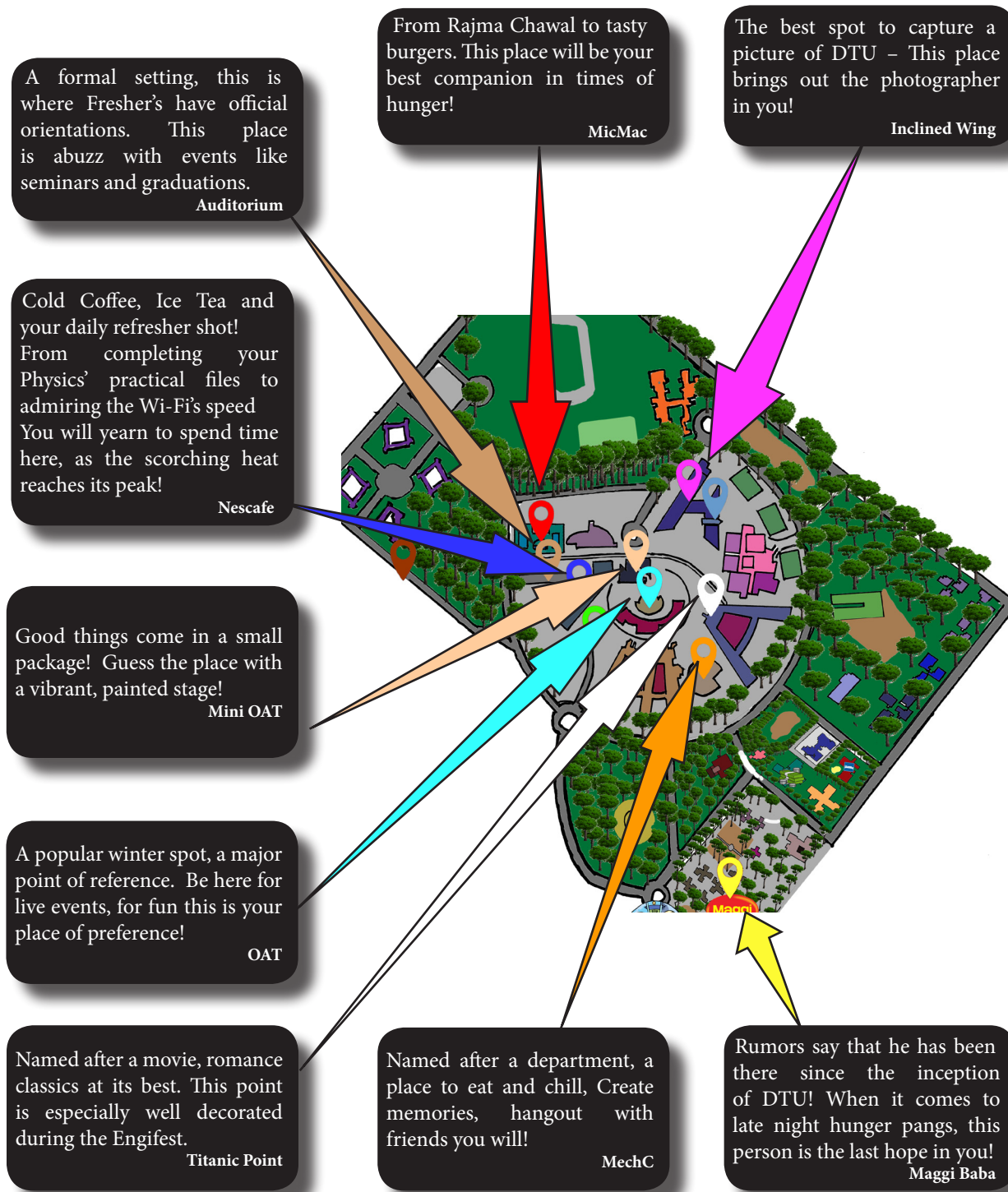
See also - "distant family connection" under "Internship"

**Kalesh** - This is often a casual way to signify "mischief" in all forms.

**LAN** - A LAN party is a gathering of people with computers or compatible game consoles, between which they establish a local area network (LAN), primarily for the purpose of playing multiplayer video

# KNOW YOUR COLLEGE

-Shubhi Sareen, 2nd Year, COE Shruti Kumar, 2nd Year, EE



games. An excellent tool to vent off your frustration.

**Mech C** - The famous canteen of DTU where most of the students have their lunch. Cheering for India along with 300 odd people at Mech C is a visual spectacle in itself.

**Maggi Baba** - The living legend is the answer to late night hunger pangs. Your college life would be incomplete without an incident with him.

**Ma'am** - You may be expected to address seniors with this term instead of 'Didi'.

**Mini Militia** - Serves the same purpose as Clash of Clans.

**Ninjas** - Standing in front of SNH for more than 10 seconds will result in the sudden onslaught of ninjas ready with their whistles. "I've got my eyes set on you, and I'm ready to wait"

**Nescafe** - For every crisis in the college, cool yourself with the ice tea at Nescafe.

**OAT** - Located at the heart of DTU, it is a great place to bask in the sun during winters.

**Orientation** - An introductory procedure of each society which is a seemingly hypnotic extravaganza for freshers and a hoax for the sophomores.

**Placement** - A journey which is successful in a week for some, and for others it may last for the entire year. But All's Well that Ends well.

**Queue** - There will always be a queue for everything in DTU, but it is safer to assume that no-one will follow.

**Rajiv Chowk** - Brace yourself, agla station Rajiv Chowk hai!

**Student Council** - The elected student body of DTU. They take up student matters seriously. Feel free to contact them if you face any trouble in campus.

**Sir** - We do not call our seniors bhaiyyas, we call them 'Sir'. This is for maintaining a sense of professionalism or so we hear.

**Techfest** - Around the end of February, the greatest engineering talents of the country battle it out in this fest to showcase their technical skills.

**TnP (Training and Placement)** - It is here that you will encounter fourth years in their formal attire.

**University** - The University swag is in plenty.

**Viva** - In a span of 4 years, an engineering student will go through numerous Vivas. Some of them would be aced without any knowledge of the syllabus while some will be unconquerable even by the mighty.

**Vella** - A term used for a person who is free, jobless; who's just loafing around.

**Wind Point** - A campus hotspot where constant wind tunnels flow throughout the year. Students' retreat to beat the heat.

**Workshop** - This is where some real engineering action takes place. Fuchchas are expected to sweat it out here for three hours each week. Though the sheer joy of perfecting a job is boundless.

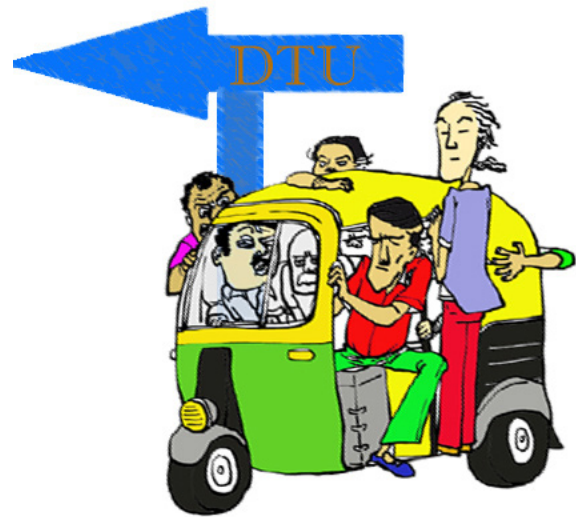
**Xerox** - If you thought getting a photocopy is easy, think again. It is a herculean task as the End Sems approach.

**Yaar** - A mystical term used to address any situation, there is another one but you already know it ;)

**Zero** - The amount of knowledge retained after End Sems.

# School Boy goes to COLLEGE

Shreeya Kedia, 2nd Year, BT



Beware! You have just now placed your staggering foot in the tumultuous world of Engineering. It probably won't be late when it dawns upon you that the gender ratio of your college is probably

worse than the state of Haryana, or you discover the dreaded word "Back", or probably realise that you have more exams than the number of days in a year. Well, *Vivas* appear more like Courtroom Scenes, and you just never understand the uncanny ability of your teacher to discover topics that you do not know, and most importantly your Attendance decreases at an exponential rate till you reach a staggering single digit value. But rightly said; what you learn here, definitely cannot be learnt anywhere else.

Right from discussing your JEE score to your board percentage, or "I'll probably join a society" to finding a fellow senior of the same stream, the first day in a college is always fun marked with a much awaited goodbye to your H.C. Vermas, your modules and packages.

Being a *fuchcha*, you'll probably enter the divine aura

of DTU in a '*Gramin Seva*' (transporting people since 75 years) and be utterly surprised at the immense effective yet congested packing done by the '*Gramin Seva*' drivers. You'll probably enter with a hundred other equally confused first years, time tables in hand, struggling to decode your classroom venue, TW3-GF1, TW2-GF3, a rather uncanny way of naming classrooms. If you have already explored the campus, you'll soon realise that you aren't a true DTUite first day unless you get lost in the campus at least three times (to be honest, I am one of those people who even tried using Google Maps). A well relaxed meal at the **Mech-C**, a chat with your new friends at the **Wind Point**, and your constant status update with innumerable selfies are some of the things you'll surely cherish down your four year journey. Be prepared, a grand roller coaster ride is what you're up for!

If placements are your major concern, I assure you that plenty of opportunities will cross your path. With a proficient Training and Placement Cell and a year-long placement season, the means to find a job of your interest are abundant! From Research to Management, Startups to Multinationals, DTU will shower you with innumerable options!

With countless Societies and Teams in diversified fields, finding people with similar interests and passions is a simple thing in DTU! From writing to dramatics, hardware to software, cars to drones, you will find a team that suits you, before you can even say Quidditch! (Yes, there are Potterheads as well!). You have plenty of opportunities to explore new stuff in a protected environment!

In addition to pursuing your passion, there will be numerous occasions to celebrate and enjoy! The month of February brings with it, the season of cultural fests!

With unparalleled competitive events, celebrity nights and dancing to your favourite tunes on DJ Nights, Engifest, the Annual Cultural Extravaganza of DTU will prove to be the best time to create memories! The Tech-Fests include events covering various disciplines, and indeed it is the best time to hone your Technical skills!

More than anything else, once you enter this place, you'll carve a niche for yourself in this living legacy! I can assure you that there will be many more reasons than you have imagined for you to make the most of every moment spent in DTU and deliver nothing less than your personal best! In the next four years, you will possibly come across everything that you have ever desired for! And what Harry Potter once said for Hogwarts, applies equally to DTU, "Hogwarts is my home!", and so is DTU!

Welcome to DTU! Prepare yourself to assimilate this absolutely blissful experience!



**"SOMEWHERE IN THE NORTH, THERE IS A PLACE CALLED D.T.U., BE CAREFUL IF YOU TRAVEL THERE, IT MIGHT JUST STEAL YOUR HEART AND KEEP IT FOREVER!"**

8:00 AM, 1st August 2015:

*It's the first day of college! I have been waiting for this day for so long! The anticipation and the excitement will finally quench. I can't wait for this day to start!*

## A Year in DTU

Shubhi Sareen, 2nd Year, COE

2:00 PM, 28th May, 2016:

*Finally! Exams have ended. The class photograph successfully captured. Memories intact. Oh Wait! My 1st year in college has officially ended, in what appears to be the blink of an eye!*

With loads of fun in the past one year, the last night exam preparations stress, and the equally good celebrations on the day of the last exam, my time in DTU was no less than a rollercoaster ride! After spending an unmatched year in this magical place, I can't wait to share what's in store for you all!

In case, you are filled with sorrow considering your JEE Advanced results, all I can say is that you have underestimated your upcoming four years in DTU!

In addition to the innumerable memories attached to this place, DTU provides its students with a myriad of opportunities to learn, grow and enjoy! Hopefully, in the next four years you will have enough time and opportunities to find your passion, shape your ideas, and turn your dreams into reality! With only one cycle of mid semester exams per semester, unlike the double mid-sems policy adopted by other colleges, you will have ample time for developing your interests and taking them to the next level!



Gursifath Bhasin, 2nd Year, IT

also flip to page 27 and find out solutions to some common problems faced by the students of DTU answered by Maggi Bhabhi!

**I'd love to tour Delhi.**

Your first year is the real time to travel and discover unseen places in the Capital. For all the outstation students, you're sure to have a blast roaming around the boulevards of Chandni Chowk, trying out cafés at Hauz Khas Village, praising the grandeur of the monuments in Delhi, or just window shopping at some of the coolest malls you would have seen. Autos, Buses and Taxis are easily available outside the DTU gate. We recommend installing apps like Ola and Uber for a quick conveyance. However, it is needless to say that the Delhi Metro is the best mode of travel. Samaypur Badli (Yellow line) is the nearest Metro Station.

**I want to go to the metro.**

Electric rickshaws are available outside the main gate and help you reach your destination in just 10 bucks. For those heading towards the Rithala Metro Station (Red line), mini buses come every 5-10 minutes and charge the same amount. Grameen Seva tempos could also help you get to the metro.

**I want to play sports.**

There is our very own Sports Complex, with good facilities. You'll always find someone playing there in the evenings. Don't feel shy, jump in! If you want to go for a swim, Rohini Sports Complex is your best bet.

**I feel like watching a movie.**

Apart from the obvious way of streaming it on your laptop, going to G3S is the easiest. If you can go a bit further in pursuit for quality, Cinepolis at Unity One Mall, Rohini West Metro Station is a fabulous place.

**I want a girlfriend.**

Answer is too long for the scope of this article. You're on your own, mate!

**I am afraid of getting ragged.**

Relax. The consequences of ragging are serious and well known. If someone still dares, complain to the higher authorities at once. You are in a completely protected and safe environment here.

**I want to memorize all the secret paths and amazing places in the campus.**

Go ahead and take part in one of the many Treasure Hunts that seniors will organize exclusively for you to get to know your campus better. We also have an amazing map which should solve all your troubles on the centerfold!

**I had a good day in college, but looking forward for some fun.**

Do visit the oh-so-sweet Maggi Baba who sits near the

entrance of Aryabhata hostel, order a plate of Maggi and a glass of Tea. Don't forget to ask for extra spoons and ketchup!

**I want to know all the slangs used here, at Bawanaland.**

We have prepared an exclusive, easy to use dictionary on page 16. Go ahead and test your memory!

**I am a guy who wants to go inside the girls' hostel.**

We won't discourage you by saying it isn't possible but surely it is not a risk worth taking. Watch out for the Ninjas that appear from nowhere and might put a full stop to your dreams forever!

**I feel like having Ghar ka Khaana! Maybe Parantha and Achaar.**

Head to Mic-Mac. or you could try 'Chachi da Dhaba' outside the college. They sell scrumptious Rajma Chawal as well!

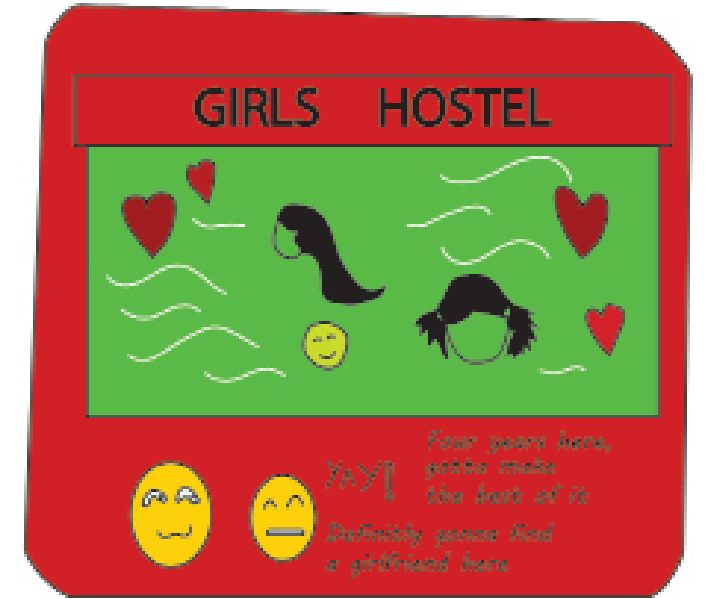


**I want to eat.**

From Mech-C (near the Mechanical Block) to Nescafe (near the admin block) and from Amul (bang opposite the main entrance to Mech-C) to Mic-Mac (near the senior Boys' Hostels), we have it all in our campus. While Mech-C remains the hotspot for freshers, seniors are mostly seen chilling over a sip of coffee at Nescafe, or breaking Paranthas at Mic-Mac.

**I want to eat at night.**

Maggi Baba is your one stop solution. You need to think no more when it is 2 AM and your tummy wants a sip of tea along with a plate of hot Maggi. Maggi Baba sits at the entrance of Aryabhata Hostel, which is near the DTU main gate. You can



# TECHFESTS

• **Aarambh** is the annual techfest organised by the Society of Civil and Environmental Engineers. Various Technical and Non-Technical events are organized, comprising of Seisme, Solar Aquecedor, Pro Truss, Lantrash, and Idiot Box.

• **Asymptotes** is the annual tech fest organised by the Maths and Computing Society-MACS-DTU and consists of a plenitude of technical events like Programming Contests, Web Designing, Quizzes and ever widening range of informal events such as Sudoku and Chess.

• **Aurora** is the annual tech fest hosted by the Department of Physics in collaboration with DEPTH-DTU. A must attend for all the physics enthusiasts, it comprises of a galore of events such as Inferno, Accelerometer, Robo Soccer and many more fun events like Minute to Win it.

• **Cogenesis** is the annual tech fest of the CSE Department. It organises a vast variety of both tech and non tech events such as Craniuim, Sudo Golf, Neuvo Gengo, Codegolf, Cryptex, Dubsmash, Troll it etc.

• **Encastrer** is the annual tech fest organized by ASCE(American Society of Civil Engineers). It encourages all engineers to bring out their technical skills by taking part in various events like Filteratti, Intellisense, Build it out, Kayak-e-Crete as well as other non tech events.

• **Excelsior** is the annual tech fest of the Society of Robotics(SR-DTU). Inaugurated just two years back, it

provides an opportunity to students to demonstrate their analytical and logical skills. It involves a plethora of events such as Designing and Fabrication of Robots along with a number of similar events.

• **Innova** is the Annual Techno-Management fest that organises a large multitude of events and workshops. It comprises of events like Del Tech MUN, Torpedo, Boomerang and workshops like ethical hacking, glider making, web designing and many more. One of the most popular tech fests in the college, it witnesses a great footfall each year.

• **Karyon** is tech annual tech fest of the Biotechnology Department. The events such as Mystery room, Fabcoat, Code on, Digital Arena, Fotografia are an instant hit.

• **Renaissance** is the Annual Techno- Management fest organized by IET-DTU which seeks to collaborate technical and managerial aptitude.

• **Tatva** is the annual tech fest of the Department of Applied Chemistry and Polymer Technology. A must attend for all the chemistry fanatics, it comprises of numerous events such as the Chemicar, Alchemist, Chemquiz and Guest Lectures.

• **Troika**, one of the most anticipated and awaited tech fests, is the annual tech fest of IEEE DTU. It organises a series of mind boggling competitions such as Envision, Technovision, Design Pro, Panache, Junkyard etc.

## A Cheat-Sheet to pulling a successful All-Nighter

Shubhi Sareen, 2nd Year, COE  
Siddhant Patra, 2nd Year, CE

Through the next four years, one thing which is going to be common for every single student, whether they are your batch mates or seniors, is studying a night before the exam day. Long gone are those school days, where you used to earmark hours for the re-re-re-revision. Believe us, this will never ever happen again. Here is a guide to pull a successful All-Nighter, which might help you raise your productivity.

### Step 1: Cold Coffee, Hot Coffee; Caffeine is the Saviour

This time of the year, make sure you have ample stock of coffee left! Coffee is your companion, coffee is your friend, coffee is your saviour! It is the key to pulling an All-Nighter!

### Step 2: Photocopied Notes

Those freshly prepared notes which give an intense odour of Xerox will help you navigate through the entire syllabus in a day. The notes will be available for every subject, but only a week before the exams, and the real challenge is to battle it out at DTU Photocopy shop. Only if ye be worth shall ye lay thee hands on those glorious sheets!

### Step 3: No More Procrastination

This is the most difficult step to follow! Only those who have great control over their hearts' desires, can achieve this, and we surely do not fall inside that select circle of people! What harm could one episode of MasterChef do? I promise just one more episode of F.R.I.E.N.D.S, after that I am back to work! Oh God! And there goes two hours of studying time! An advice: Never watch your favourite television soap a day before exams, and never, ever believe in the fact that you are only going to watch one single episode, if you have already started watching!

### Step 4: WhatsApp Optimisation

Class Group is an important asset which can help you reap unlimited benefits. They also prove to be the only channel to access previous years question papers and information of profound value. However, this resource can often be misused, as a troupe of engineering jokes and random memes are let loose. These are hilarious but will eat away your precious time unknowingly.

### Step 5: Do Not Talk to Your Friends! No Doubts! No Discussion!

You probably have to read an entire book, mark the important points, memorise those tiny details, and if time permits, revise those previously marked points! In this mayhem, do you have time for doubts and discussions? I don't think so. Doubts and discussions will lead to panic and a loss of confidence! And in such a scenario, you won't be able to give in your 100%

### Step 6: Believe in Yourself

In those hours of panic, this mantra will drive you out of the storms of nervousness! When you have lost all the hope, and that silver lining seems so bleak against the dark clouds, get a cup of coffee, recollect your past achievements, tell yourself that YOU ARE THE BEST, and go back to your books. Often the greatest of ideas appear magically just before the exams. Thinking about these ideas just before the exam leads you nowhere. Instead, get back to your studies. That billion-dollar idea won't disappear in one day, but your marks just might. This is not the time to think about them. Let those notes guide your way. Have that kind of confidence and you surely will perform good in the exam!

All the Best! :)

# The Must Do's of College Life

Shubhi Sareen, 2nd Year, COE

## Travel

Take a tour with your friends, family or venture on a solo trip! With a month long winter break, and two months of summer break, these four years are the best time for you to travel. Experience the serenity of mountains, the chaos of the cities and the beauty of gorgeous beaches. And as St. Augustine once said, "The world is a book, and those who do not travel read only one page", fill in your life story with vivid memories!

## Work in a Start-up

The two most heard words of DTU are Start-Ups and Entrepreneurship. Working in a Start-Up, whether or not it's your own will give you an insight to the real world. From sleepless nights to over-exhausting days, being part of a Start-Up will teach you Time Management and Teamwork in the best possible manner.

## Develop a new Hobby

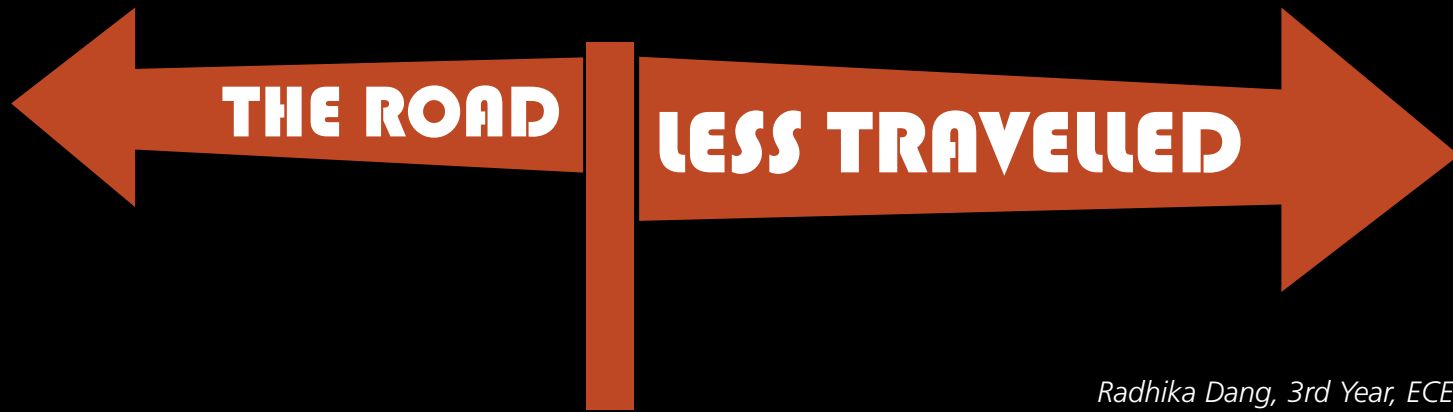
Long lost are the days when you wanted to learn something new every day! Do you remember the curiosity you had on the first day of your school, to try your hand at something new? Can you recollect that excitement, that nervousness? It is time for you to reopen the closed doors of those hidden emotions and let them embrace your life once again. Pick up a paintbrush, pluck the strings of a guitar, dance to your favourite beat, or pen down a poem. Do try your hand at a new activity, or work upon your long lost hobby.

## Discover your Passion

It is probably the most clichéd dialogue of all times, but it definitely holds an unparalleled importance in our lives. College will provide you with ample opportunities to step into different roles and try various things in a protected environment. And someday, while you're working on your minor project, attending a team meeting, or following your favourite hobby, you will find what really excites you; you will realize what you want to do for the rest of your life. And until that day comes, keep searching for your passion, and keep trying new things.

## Join a Society

In the very first week of your college, umpteen number of societies will approach you, weaving a perfect picture of their respective teams! A huge number of people join these societies but fail to realize the hidden objective of being an actual part of the team. It is of no importance if you are a part of numerous societies, but learn from none. Work with your peers, learn from your seniors, and make sure that you contribute towards the growth of the team!



Radhika Dang, 3rd Year, ECE

*Not everyone is cut out for a 9 to 5 job. Why regret letting go of that hobby you pursued so passionately when you can make money out of it? After all, doing what you love makes the whole working experience even more delightful, doesn't it? All it takes is to break conventions and discover yourself, and for those willing to tread the road less travelled, here is a list of unconventional career options that people in the past have taken up after completing their Engineering education.*

### Creative Writing

Feel you can express yourself better on paper? Does blogging take up as much of your time as the average Beauty Queen/King devotes to Instagram? Well, thanks to the internet, anyone with that flair for writing can reach millions of people in a few moments. What's more, companies need people who can sell their commodity with only words. Or you can be the next Chetan Bhagat and publish a novel of your own. So, if you have the right appetite to write creative stuff and are also willing to go the extra distance in search of perfection, then a career as a writer might just be perfect for you.

### Game Designing

It is one of the best options for computer engineers who wish to create something of their own, and not just stay subservient to the demands of a 'secured job'. With computers and mobile phones ruling the roost in the urban population today, game designing is an attractive, yet offbeat career destination. Coding enthusiasts are most likely to check this out, and there is a prospering multi-million dollar entertainment industry that can absorb their skills and talents in no time!

### Film Making

Loved TVF Pitchers, Permanent roommates and Aadha 24? Well, the people who started it all were engineers, too. A rising star in this industry is Arunabh Kumar (The Qtiyapa Guy), the IIT Kharagpur pass-out who carved out a niche for himself with the 'The Viral Fever (TVF)' videos. With the advent of the internet, this field is no longer about years of unfruitful struggle. Rather, it gives you the opportunity to start small, test the waters and grow with time.

### Photography

That DSLR is not just an obligation making you the photographer by default pretty much wherever you go. If you can work wonders behind the lens, then this is the field for you. Devendra Purbiya, an IIT Kharagpur graduate, has made a name for himself in this field, and budding enthusiasts ought to look up to him as an ideal role model.

### Anthropology

Does observing human behaviour acutely excite you? Then this field opens up exciting avenues for you. Anthropologists work mainly on projects taken up by museums and universities for archaeological investigations, biological evolutionary studies and other research areas including languages.

This is just a small sample of the myriad options available in front of you. What's important is to find what you love to do, and more options will reveal themselves. The world is within your reach. All you need is to take that step forward!

**“Whenever you find yourself on the side of the majority, it is time to pause and reflect.**

**-Mark Twain**

# MUST-KNOW WHEREABOUTS

Siddhant Patra, 2nd Year, CE; Jorawar Singh Dham, 2nd Year, EP



Attached to the main Mechanical Canteen (Mech-C), this is the go to place for notes, lab manuals and other important forms. Since it gets crowded as exams approach, you'll know it's time to start studying. Better get those lifesaving notes early to avoid the masses!

Also attached to Mech-C, this college bookstore houses most of the prescribed books for students across all branches. If you just can't find the book you're looking for in the college library, visit this bookstore. This store provides a complete set for first years, consisting of all the important books, notes, manuals and tools to get one through their first year. Used books can also be resold here, for a reduced price.



This old relic is a mainstay of DTUites mainly due to the fact that there are no other bookstores in close vicinity of the college campus. Located opposite the college main gate, it has all the books you'll ever need, be it new or second hand. It also buys back used books at 50% of the actual price. It is open only on weekdays from 10 AM to 8 PM.

A college isn't a college without several of these shops close by, and DTU is no exception. Scattered near the college, they are a mere walking distance away from the main gate. They come in handy if one wants to avoid crowd at the Mech-C Photocopy Shop.



A college without hang out hotspots around it is a dull one. Fret not, DTU has got you covered. These food spots are the one-stop destination for all hang out occasions including birthdays and post-exam celebrations. The closest include the Zaika's Roll Corner which sells a variety of rolls, ranging from simple veg rolls to heavily stuffed non-veg rolls without burning a hole in your pocket. Chachi-da-Dhaba offers great home-cooked North Indian Cuisine on its platter. Whenever you are fed up of your mess food and can't afford to visit a restaurant, this is the place you need to go. A little away in Sector 17 is Apsara Restaurant, and G3S which has Domino's and Pizza Hut outlets, which are spots suitable for small parties. To take a long pending birthday treat from your friend, visit Pind Balluchi or McDonald's at Metro Walk near Rithala Metro for satiating your taste buds. Also, the complex near Netaji Subhash Place Metro has an amazing variety of food outlets for all the food enthusiasts.

# The Placement Season: *A Complete Analysis*

Shubhi Sareen, 2nd Year, COE



A yearlong placement season, a highly efficient Training and Placement Cell and multifarious companies visiting DTU for hiring proficient students. The fourth year calls in for joy and celebration. The numerous companies visiting DTU have been sorted into headings by the Training and Placement Cell, which are as follows:

## Software

Bill Gates once said, "Software is a great combination between artistry and engineering." Considering that 21st Century is the age of Computers, software profile formed a major sector of the jobs being offered. If heaps and stacks excite you and maps and trees fill you with exhilaration, you will have ample opportunities to prove your mettle.

## Core Technical

With 26% jobs being offered in this sector, Core Technical Jobs are a major attraction for students from mechanical, civil, electrical and many other branches. Know your basics well, prepare meticulously and these dream jobs will be just an inch away from you.

## Consultancy

Robin Sharma once said, "To get Game-Changing results, start focusing on Game-Changing thoughts." If you are capable of providing that game-changing advice to someone and making a business bloom, then, Consultancy is the best possible job for you. With companies like McKinsey and Co, Ernst and Young

visiting DTU, you will have copious chances to acquire the job of your dreams.

## Electronics and Communication Core

If your lives revolve around chips, microprocessors, hardware, robots, the list being endless, then grabbing a core technical job will not be a big issue for you.

## The Non-Tech Pursuit

For the people who do not want to venture in the technical fields, companies offering job roles in fields as diverse as sales, marketing, finance and banking visit DTU every year, hiring an appreciable number of students.

Besides these job profiles, companies from Knowledge process outsourcing, Business and Data Analysis, Education and Telecom sector also offer many job profiles to deserving students.

Therefore, if placements were your major concern before joining DTU, we can assure you that plenty of opportunities will cross your path, and you will surely find the job of your liking.

# लवग्गि भबहि

*Dear Bhabhi. Pranaam. How easy is it for a DTU Student to go abroad for further studies? What all should I do to ensure that I get an admission abroad after these 4 years?*

Jeeta reh, Beta! It hasn't been a week since you've stepped in, and you already want to fly away. Hate your country so much? My advice to you would be as follows. First, respect your college. You are at a very prestigious place. Do not let the shimmer of IITs lead you to believe that we are any less. Second, no matter what people might say, your CGPA matters. It is the official measure of performance that the University provides. It may not be the end of the world, but it certainly opens more doors than you can ever imagine. Score good internships, and do projects that add to your profile. With a good GRE score, you're only left with booking a ticket as you'll definitely be accepted.

*Respected Bhabhi. Please tell me how to do coding. I am very interested in coding. I want to learn coding. Coding is my passion and ambition. I don't have a coding branch though.*

I believe you've never had a taste of coding yet, judging from your wording of the question. Ask yourself one fundamental question. Is it the coding that entices you, or is it the lucrative packages of coding jobs? Once you have your answer in mind, let me assure you that if you love what you do, money and success will come

automatically. If you still want to try your hand at coding, I suggest you take up an online course at edX or Coursera, and practice on CodeChef or SPOJ. Happy coding! Or not...

*Bhabhi, please tell me how the CGPA system works? It is very confusing!*

Your Cumulative Grade Point Average, or CGPA, is a reflection of where you stand in life, academically. What that essentially means is that your performance in exams is evaluated with respect to how your fellow batch mates have performed, i.e., the grades and the CGPA that you'll be awarded at the end of each academic year is relative. So now, whether you pass or not depends much more on your neighbor's paper than before! Your CGPA will be marked on a graded scale of 10. This is especially beneficial for students who are pursuing courses that may not necessarily be rewarding when it comes to marks. The system puts things in a balance during Placement season.

Furthermore, it paints a more accurate picture of your academic skills as opposed to being marked on an absolute scale. You not only need to be good, you need to be better than the rest. There is another way to put this, though. You do not need to be perfect, you only need to be better than the rest!



**AE** The three faced hound card suggests fierce competition with the Mechanical dept. Dearth of Venus and strong growth potential of compatriots would be a reason for frustration in the future. For those who love their courses, life will be like driving Ferrari on the Autobahn. Your position encompasses the remaining elements of engineering which gives you a push ahead. Be cautious when working in a new environment. Good 'performance' is indicated in all dimensions.

**BT** Mercury-Venus conjunction in your 2016 chart is a gift that keeps you smart and sharp. This will be instrumental in shaping arguments that you have with your friends and family over the 'horror' scope of Biotechnology in India. Remember your monetary limits as you weave plans to pursue your Masters abroad. Mercury is regressive in Earth signs this year. Hence we advise you to commit to your branch with utmost conviction. As Benjamin Franklin has rightly stated, "An investment in knowledge pays the best interest", which is true even if your salary package does not. Weight loss is indicated since all labs are on the third floor of the mechanical block. Compatibility with Fire signs such as Software Engineering may be an issue due to disparity.

**ECE** With Moon at a negative position in your horoscope, things will definitely get unpredictable over the course of the next four years. There will be great ups and downs, in such a short span of time that you can't even imagine. Venus isn't too kind on you as well. With a strong positioned Saturn, you shall tend to become very responsible over the course of time. Get ready to do some real hard work, and learn to be stable under any circumstances. Also, hone your communication skills, both technical and anthropological, as they will save you from unrelenting forces. Rest assured, the returns at the end of the journey will not disappoint you!

**EE/EEE** Mars turning direct in June triggered a forward push and control in life, which of course was disrupted by your branch choice of EE/EEE. From here on out, control is in the hands of the marks granted during practical examinations. For the sake of optimism, this is where we quote the Bhagavad Gita, "You have the right to work, but never to the fruit of work. You should never engage in action for the sake of reward, nor should you long for inaction." This is particularly true for EE/EEE students. The flow of marks is met with high 'Ohmic resistance'. In numerology, your lucky number for the next four years is 40 and there isn't really a lucky stone.

**ENE** Venus, co-ruler of your chart, plays a vital role in how life unfolds for you. While the world breathes and sleep under the notion that your job is to reengineer things such that they are environmentally friendly, you work hard. You work hard to grasp concepts and textual knowledge as you join the queue at the Photocopy shop to buy bulky notes, a day before the exam. Of course, in the eyes of the world this is fairly hypocritical on your part because you took an oath to salvage those very trees. The stars and planets will keep moving, but your only constant will be a book named "S.K. Garg". A foreign venture to sharpen your knowledge may be a possibility in the near future.

**EP** The influence of the planets will constantly vary which make your fortune quite uncertain. The quantum realm ensures a bright future for some whereas being a reason for havoc for the other. As semesters pass on, your optical clarity of the future increases. The thunder card suggests strong similarity to electronics. The road ahead for you is full of potholes and speed bumps which can be tackled with a strong willpower and dedication.

The movement of the descendant in Mercury puts you in a respectable position. The horse card suggests opportunities to excel abroad. A strong Mars indicates rigour. The coming four years are a test of your strength. Do away with your resistance to elbow grease and this is the correct time to pursue your passion. Venus is absent which propels you to discover your alter ego and step out of your comfort zone. With persistent hard work, you can surpass close competitors.

A Cerberus card indicates that you are one among the three similar ones. Fierce competition and irritating confusion will arise due to the Automotive branch. A strong Neptune tells us about the illusion that is soon about to break. Mars is very weak; hence a lot of physical energy and mental perseverance is required to fare well. Vulcan card indicates the need for manual labour in the near future and countless hours of toiling which will not go futile.

With Jupiter moving in the tenth house, the orb of influence has regained power and the choice of this branch breaks you away from wires of despair.

Sophomores beware; carry a talisman, for a lot of people are envious of your place of study. The conjunction of chemical reactions and chemical engineering can result in numeric loss. Third years, keep cool as you dwell on 'Chemical Reaction Engineering'. As the ascendant changes its place, numerous opportunities will knock at your doorstep. A fistful of almonds will prove beneficial especially before exams. Perseverance in all endeavors will shower luck and bring about a positive turn.

Your planets are aligned perfectly and the Sun card suggests good fortunes ahead for you. Friends will be jealous of your monetary gains and the fame you garner with your work. Numerology suggests numbers 1 and 0 will help you achieve your goals. The eclipse of the Sun points at the fierce competition amongst colleagues to achieve success in various fields. Independent endeavors with the right amount of risk will bear fruit.

You're in for some big surprises in the coming years. What you will end up studying will be far from what you must have expected. A strong Uranus indicates immense transformation in the coming years, as you learn to adapt to these surprises. All the numbers are lucky for you, and will never leave your side. Sadly, this also means none of them are. A trine of Pluto into Neptune's orbit indicates that you are the distant cousin of strong players of the Computer Engineering Department, but you'll need to do way more to prove your worth than them, who were born with a silver spoon. Lucky shape is an inclined line. You'll soon realize why.

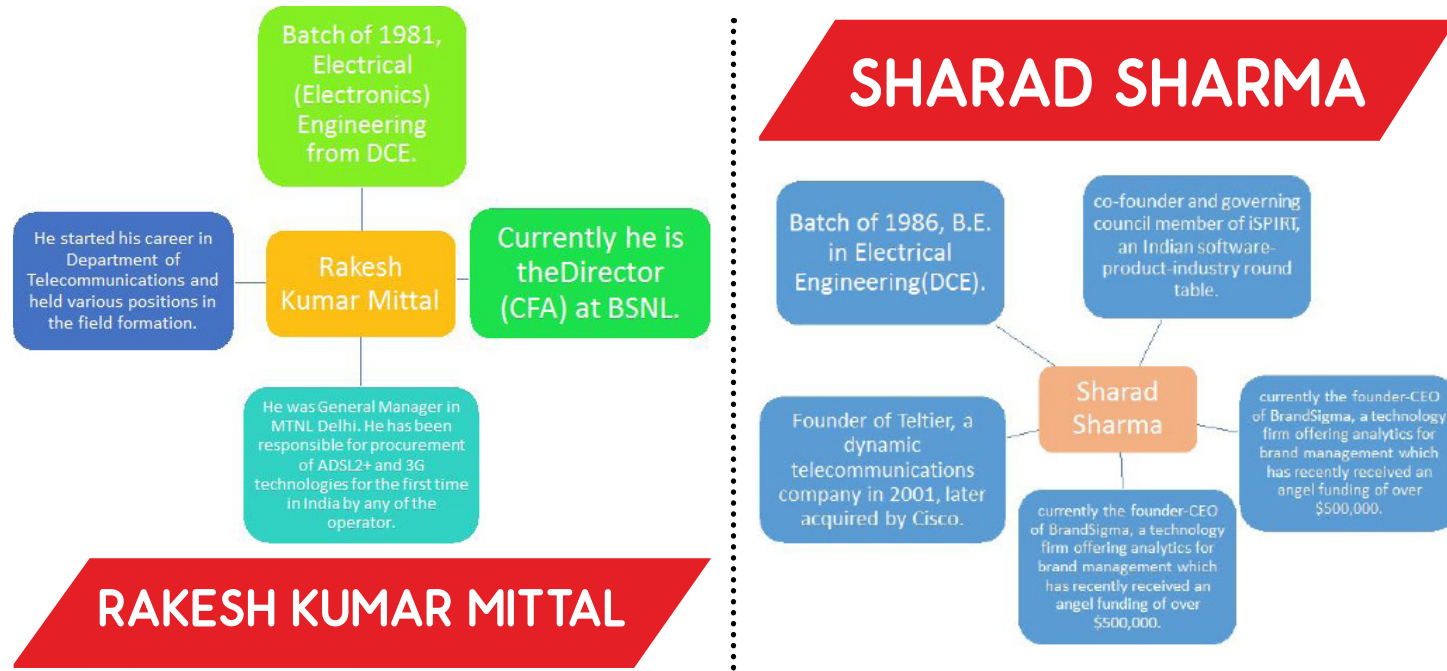
A September Solar Eclipse in Virgo ideally grants you an edge this year while taking care of daily life and business. Of course, this may not necessarily be true when you're suffering from a backache because of all the Engineering Drawings you have to submit. A Solar Eclipse in March may stir events in your world and there's sadly very little you can do about it because you'll be busy preparing for mid semester examinations and recovering from the realization that for you, my friend, fieldwork is for life.



**Shashwat Kishore, 4th Year, PSCT; Vaisakh Nair, 4th Year, EP; Pallavi Samaiya, 3rd Year, PSCT; Sirish Oruganti, 3rd Year, ECE; Lakshay Gautam, 2nd Year, EP; Shruti Kumar, 2nd Year, EE**

# KNOW YOUR ALUMNI - An Alumni connect initiative by the Alumni Association, DTU

Compiled by Radhika Dang, 3rd Year, ECE; Gursifath Bhasin, 2nd Year, IT



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## Dr. Jatinder (Jeet) N. D. Gupta, BE (Mech) 1964 batch, DCE

### In recent times.....

On April 1, 2016, Dr. Jatinder (Jeet) N. D. Gupta (1964, Mech. Engg, DCE), Eminent Scholar and Professor in the College of Business Administration at the University of Alabama in Huntsville, began his one-year term as President-elect of the Decision Sciences Institute (DSI). He will then become the DSI's President on April 1, 2017, after which he will serve as the DSI's immediate past president from March 31, 2018, until March 31, 2019.

"Being elected and serving as president-elect is an honor for which I am thankful to my colleagues and friends at UAH and all over the world," says Dr. Gupta, who also serves as the College's associate dean for Graduate and Sponsored Programs and as the director of its Integrated Enterprise Lab. "It also underscores that our college and university are contributing to the science of decision making to enhance the quality of life around the world. I look forward to serving as the DSI's president and providing leadership for its growth and reputation."

Headquartered in Houston, Texas, the DSI is an international professional association that advances the science and practice of decision making through its regional, national, and international conferences and its two academic journals: Decision Sciences and Decision Sciences Journal of Innovative Education. Dr. Gupta previously served on the DSI's Board of Directors and as its vice president, and was presented with both the DSI's Dennis E. Grawoig Distinguished Service Award in 2014 in honor of his 40-plus years of dedication to the association and the Distinguished Services Award from the Indian Subcontinent DSI (ISDSI) in 2013 for his continued outstanding contributions to its success. Dr. Gupta was also the founding president of ISDSI and has served as the chair or co-chair of its annual conference since the ISDSI's inception.

Watch this space for more interesting facts on your notable alumni in the next edition.

# MEET THE TEAM





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