



# DTU TIMES

# Frame thee Well!







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**FROM THE VICE CHANCELLOR'S DESK**

AS ANOTHER EVENTFUL SEMESTER NEARS ITS END and the academic year comes to a close, it is time to congratulate the student community. Their hard work and dedication are shaping the student lives and the body-fabric of DTU. It is a testament to the ability of the college in educating future leaders by providing all round development in terms of teamwork, sports, work ethics, and organizational skills.

It is the duty of all those related to engineering, technology and management to ensure that we integrate our cultural values, work ethics and professional morality in the quest for excellence. We at DTU are blessed with a highly inspired and talented student community which takes initiatives to nurture and integrate technical excellence as well as cultural values together through the annual cultural festival-Engifest and annual Technology festival that was organized by the various college societies. These societies have taught our students leadership and the necessity of multi-tasking, making them an asset to any institution that they choose to become a part of. This year also witnessed the resurgence of Arena, DTU's inter-departmental sports fest which saw excellent participation from students of all the departments.

DTU also played host to Technology, Entertainment, Design (TED), as TEDxDTU on 18<sup>th</sup> April, 2016. The speakers' list included eminent personalities like Dilip Chabbria, Richa Chaddha, Dr Ashok Seth, Alisha Abdullah, Taru Dalmia, Ritu Marya, Sanjay Modi, and Aaron Friedland amongst others. Another brilliant event that left the students inspired.

I would also like to wish best of luck to the DTU Times team and hope they continue to march from strength to strength as the official newsletter for campus news. Last but not the least, as the academic year comes to a close, may I extend my heartiest congratulations to the achievers of the year and wish the student community all the success in their forthcoming examinations.



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## TECHFEST'16

The tech fests of Delhi Technological University were organized from 19<sup>th</sup> to 21<sup>st</sup> of February, 2016, and were overseen by **Dr S. Indu**, the Faculty Co-ordinator, and **Aastik Chawla**, the Student Co-ordinator. The various tech fests encompassed events from all myriads of technical innovation and skills under the banner of **Innova**, **Karyon** (Dept. of Biotechnology), **Aurora** (DEPTH), **Cogenesis** (CSE Dept.), **Troika** (IEEE DTU), **Renaissance** (IET DTU), **Asymptotes** (SIAM DTU), **Tatva** (Dept. of Applied Chemistry) and **Excelsior** (SR-DTU). For the first time, under the guidance of Hon'ble Vice Chancellor of DTU **Prof. Yogesh Singh**, 24-hour hackathons in software and hardware domain were organized under the aegis of IEEE DTU. The overnight Hackathons were organized under the supervision of an administrative committee comprising of **Dr Roli Purwar**, **Dr Richa Srivastava**, **Ms Geeta**, **Dr Nilam**, **Prof. Jeebananda Panda**, **Mr Alok Kumar Singh**, **Dr N.S. Raghava** and **Mr Deva Nand**. The tech fests witnessed an unprecedented participation from teams in and around Delhi NCR. The college students were in for a delight as people from different walks of life were invited to talk about their passion—under the banner of Techfest '16.



## ARENA'16

Arena, the Sports Fest of DTU was organized between 4<sup>th</sup> and 8<sup>th</sup> April, 2016. Intra college tournaments for all major sports including **Basketball**, **Badminton**, **Chess** (DTU Chess Championship), **Cricket**, **Football**, **Volleyball** and **Athletics** were conducted. Additionally, an inter college **Kabaddi** tournament was organized in DTU this year in which more than 32 teams participated. The **Engi Green Run** and **Engi Green Ride** were also organized for the first time this year. This year's ARENA was greeted with great excitement and enthusiasm by all the students.

## CENTRAL LIBRARY'S UNDERTAKINGS

The Central Library of DTU organized a workshop on 6<sup>th</sup> April, 2016 on '**Cracking the overseas Admission puzzle**' for B. Tech students in collaboration with **Aristotle Prep**. The objectives of the workshop were to cater to all the key issues faced by the students, with regard to studying overseas. Orientation Workshop on **Moodle**, an open source course management system (CMS), on 5<sup>th</sup> April, 2016 and **RemoteXs**, remote single window access to various libraries' resources, on 7<sup>th</sup> March, 2016 were also organized.



## ESTABLISHMENT OF INCUBATION CENTRE

The **Incubation Centre** of DTU was inaugurated by Honourable Deputy Chief Minister **Sh. Manish Sisodia**. Five unparalleled cubicles have been established, which will serve as breeding grounds for innovation and excellence. It will without doubt, improve a lot of careers and make many start-up dreams a reality for the college students. DTU is amongst the first six universities to be funded by the Delhi State Government under this Incubation Policy.

## PAYTM AWARDS THE IDEATHON WINNER

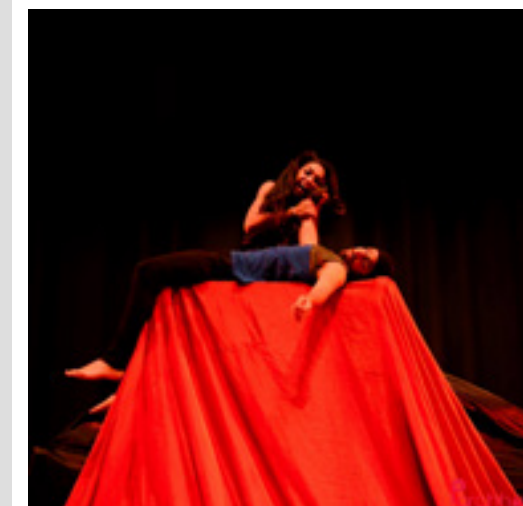
E-Cell DTU organized the grand finale of **Ideathon: Chase Your Dream** contest on 15<sup>th</sup> April, 2016, which had seen a participation of 1,200 teams nationwide. **Vijay Shekhar Sharma's PayTM** awarded the final winner a prize of INR 1 crore. Various entrepreneurs, investors and DTU's alumni were hosted during the Ideathon, including **Vijay Shekhar Sharma** (*PayTM Founder, DCE '98*), **Dr Pawan Kumar Sharma** (*IAS, DCE '94*) and **Jyoti Kamal** (*Senior Editor-TV18*).



## ENGIFEST'16

**Engifest'16**, the official cultural extravaganza of DTU, took place from 12<sup>th</sup> to 14<sup>th</sup> February. Celebrating the **75<sup>th</sup> Anniversary** of DTU, this year's fest was themed around **Super-Villains**. Honourable Deputy Chief Minister **Sh. Manish Sisodia** was the chief guest for the opening ceremony. Various events, spanning numerous non-scholastic fields were organized during Engifest. These included events like **Spandan**, **Engi-Idol**, **Nukkad Nataks**, **Shakedown**, **The Kaleidoscope Film Festival** and **Natya**. The 3 days also witnessed some enthralling live performances by **Vishal & Shekhar**, **Lagori Band** and **Antariksh Band**.

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# AWARDS AND HONOURS RECEIVED

## 1. Prof. R.S. Mishra, HOD, Dept. of Mechanical Engineering

- Guest of Honour: Technical Session –IV: Innovations, Management Strategies for skill Development and Entrepreneurship, National Conference on Skill India Initiative: Challenges, Opportunities and Strategies S.D. College of Engineering & Technology and S.D. College of Management Studies, Muzaffarnagar (UP), February, 2016.
- Guest of Honour: Session I International Conference of Advance Research and Innovations at Institutions of Engineers (India), Delhi, February, 2016.
- Guest of Honour: Session: VI: Environment concerns & Role of technical Institutions & Skill India and Valedictory Function, National Conference on Skill India Initiative: Challenges, Opportunities and Strategies, S.D. College of Engineering & Technology and S.D. College of Management Studies Muzaffarnagar (U.P.), February, 2016.

## 2. Dr Seema Singh, HOD, Dept. of Humanities

- Delivered Keynote Lecture as Resource Person in the National Seminar on “Role of Women Entrepreneurship in India- Opportunities and Challenges” organized by Department of Economics, Ch. Charan Singh University, Meerut, March, 2016.
- Wrote Foreword for the Book, “Economic Reforms: Impact on Various Sector of India” Paliwal Lokesh Kumar and Sobha Jain.

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

- Delivered a plenary talk on Embedded Systems, 5<sup>th</sup> IEEE National Conference on Emerging Trends in Engineering and Technology, SBIT, Sonapat, February, 2016.
- Organizer- Engifest 2016, the annual college Cultural Fest, February 2016.
- Organizer- Techfest 2016, the annual college Technical Fest, February, 2016.

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

- Best paper award: “Flash ADC employing

VFV based Current Comparator”, in National Conference on Advances in Electronics and Computer Applications, pp. 1-6, 2016.

- Technical Program Committee member, 3rd International Conference on Signal Processing and Integrated Networks, 2016.
- Reviewer for Journal: Advances in Electrical and Electronic Engineering, Turkish Journal of Electrical Engineering & Computer Sciences.

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

- Fellow - International Society for Research and Development (ISRDI).
- Associate Fellow - Andhra Pradesh Akademi of Sciences (APAS).
- First place and Cash Prize: Best Poster presentation to the student (Mr Amit K. Vishwakarma) in National Conference on Luminescence and its Applications (NCLA-2016), RTM Nagpur University, Nagpur.

## 6. Dr Yasha Hasija, Assistant Professor, Dept. of Biotechnology

- Reviewer, PLoS One.
- Invited resource person to conduct a practical session on “Pairwise and multiple sequence alignment”, Miranda House College, University of Delhi, February, 2016.

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

- Delivered Invited talk on “Computer Vision: Opportunity and Challenges” in a DST sponsored Two-day National Seminar on “Advancement in Semiconductor Devices, Antenna, Power Control and Networks for Engineering Application”, February 2016, Galgotia College of Engineering Technology, Greater Noida.

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

- Invited as Judge by Vivekanand School, Anand Vihar, Delhi, for the evaluation of CBSE National Level Science Exhibition, February, 2016.

# RESEARCH PAPERS AND JOURNALS PUBLISHED

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

- “Skill Development in Solid Waste Management” Proceedings of the Conference on Skill India Initiative: Challenges, Opportunities and Strategies organized by S.D. College of Engineering & Technology, Muzaffarnagar (UP), February, 2016.
- “Search for ecofriendly alternatives refrigerants in vapour compression refrigeration systems for reducing global warming and ozone depletion” Proceedings of the Conference on Skill India Initiative: Challenges, Opportunities and Strategies, organized by S.D. College of Engineering & Technology and S.D. College of Management Studies Muzaffarnagar (UP), Feb, 2016.
- “Search for ecofriendly alternatives refrigerants in vapour compression refrigeration systems for reducing global warming and ozone depletion” International Conference of Advance Research and Innovations (ICARI-2016).
- “Methods for improving thermodynamic energy and exergy performance of vapour compression refrigeration systems using thirteen ecofriendly refrigerants in primary circuit and TiO<sub>2</sub> nanoparticles mixed with R718 used in secondary evaporator circuit for reducing global warming and ozone depletion”. International Conference of Advance Research and Innovations (ICARI-2016).
- “Effect of number of passes on mechanical and wear properties of friction stir processed Al 1050 alloy” International Conference of Advance Research and Innovations (ICARI-2016).
- “Use of green technology (F.S.P) for processing of 99.9% copper with carbon nanotubes” International Conference of Advance Research and Innovations (ICARI-2016).
- “Modelling and Microstructure study of thermally evaporated nanofilm thickness of gold” International Conference of Advance Research and Innovations (ICARI-2016).
- “Mathematical Modelling of Gas turbine and solid oxide fuel cell hybrid system for enhancing thermal performances” International Conference of Advance Research and Innovations (ICARI-2016).
- “Performance evaluations of concentrated solar thermal power technology” International Conference of Advance Research and Innovations (ICARI-2016).
- “International Conference of Advance Research and Innovations (ICARI-2016).
- “Thermal performance analysis through irreversibility reduction of vapour compression refrigeration system using eco-friendly based nano refrigerants” International Conference of Advance Research and Innovations (ICARI-2016).

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

- “Secure Route Discovery in AODV in Presence of Blackhole Nodes”, accepted for publication in CSI Transactions on ICT Springer
- “Optimized Sentiment Analysis Tool” in Proceedings of 2016, 3rd International Conference on “Computing for Sustainable Global Development”, Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi. INDIACom-2016, March, 2016.
- “Performance of Static Sink in Wireless Sensor Networks when Implementing Geographical Routing” in Proceedings of 2016 3rd International Conference on “Computing for Sustainable Global Development”, Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi. INDIACom-2016, March, 2016.

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

- “Realization of frequency-hopping filters using CDTA and VDTA”, 3rd International Conference on Signal Processing and Integrated Networks, 2016.
- “CDBA based current instrumentation amplifier”, Journal of Communications Technology, Electronics and Computer Science, pp. 11-15, 2016.
- “Multi Input Single Output Biquadratic Universal Filter using OTRA” I-manager’s Journal on Circuits and Systems, vol. 3, pp.30-37, 2015.
- “Voltage Mode Second Order Notch/All - Pass Filter Realization Using OTRA.” I-manager’s Journal on Electronics Engineering, Dec-Feb 2016.

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

- “Multi Input Single Output Biquadratic Universal Filter using OTRA” I-manager’s Journal on Circuits and Systems, vol. 3, pp.30-37 2015.
- Rashika Anurag, Neeta Pandey, Rohan Chandra and Rajeshwari Pandey (2016). “Voltage Mode Second Order Notch/All - Pass Filter Realization Using OTRA.” i-manager’s Journal on Electronics Engineering, 6(2), Dec-Feb 2016
- “An Optimized and Cost Efficient Realization of Reversible Braun Multiplier.” i-manager’s Journal on Circuits and Systems, Jun-Aug, 2015.
- “CDBA based current instrumentation amplifier, Journal of Communications Technology”, Electronics and Computer Science, pp. 11-15, 2016
- “Realization of frequency-hopping filters using CDTA and VDTA”, 3rd International Conference on signal processing and integrated networks, 2016
- “Implementation of Asynchronous Pipeline using Transmission Gate logic”, 2016 International

Conference on Computational Techniques in Information and Communication Technologies (ICCTICT)

- “Implementation of PFSCCL Demultiplexer”, 2016 International Conference on Computational Techniques in Information and Communication Technologies (ICCTICT)
- “PFSCCL based Linear Feedback Shift Register”, 2016 International Conference on Computational Techniques in Information and Communication Technologies.
- “Pre-scalar for Diode Free Adiabatic Logic Family” 2016 International Conference on Computational Techniques in Information and Communication Technologies.
- “Flash ADC employing VFV based Current Comparator”, National Conference on Advances in Electronics and Computer Applications, pp. 1-6, 2016.

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

- “Pure orange colour emitting Sm<sup>3+</sup> doped BaNb<sub>2</sub>O<sub>6</sub> phosphor for solid-state lighting applications”, Journal of Luminescence 176 (2016) 112-117 (IF: 2.719).
- “Luminescence and advanced mass spectroscopic characterization of sodium zinc orthophosphate phosphor for low-cost light-emitting diodes” Luminescence 31 (2016) 348-355 (IF: 1.518).
- “Zinc phosphate alkaline earth phosphate glasses doped with Eu<sup>3+</sup> for optoelectronic applications.” National Conference on Luminescence and its Applications (NCLA-2016), RTM Nagpur University.
- “Structural and luminescent properties of sol-gel synthesized silica based nanophosphor for display applications.” National Conference on Luminescence and its Applications (NCLA-2016), RTM Nagpur University.
- “Studies of Eu<sup>3+</sup> ions doped alkaline earth zinc aluminate phosphor for solid-state lighting applications.” National Conference on Luminescence and its Applications (NCLA-2016), RTM Nagpur University.
- “Photoluminescence studies of Ba1-x-yNb<sub>2</sub>O<sub>6</sub>:x-Eu<sup>3+</sup>, yBi<sup>3+</sup> phosphor for solid state lighting applications via citrate gel synthesis route.” National Conference on Luminescence and its Applications (NCLA-2016), RTM Nagpur University

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

- “Contrast enhancement via texture region based histogram equalization”, Journal of Modern Optics, 2016. Impact Factor: 1.008.
- “A robust framework for the recognition of human action and activity using spatial distribution of gradients and Gabor wavelet” Advances

in Intelligent Systems and Computing (Springer), April, 2016.

## Dr Yasha Hasija, Assistant Professor, Department of Biotechnology

- “Gene Prioritization by integrated analysis of protein structural and network topological properties for the protein-protein interaction network of neurological disorders”. Scientifica 2016
- “A Computational Pipeline for the Prediction of Genes associated with Age Related Disorders”. Journal of Biomedical Informatics 2016, Impact Factor: 2.126.
- “Comprehensive Computational analysis of Human Chromosome 11”. International Conference on Bioinformatics and Systems Biology”, Department of Applied Sciences, Indian Institute of Information Technology-Allahabad (IIIT-A), March, 2016.
- “Identification of functional genetic variants in miRNA binding site in genes associated with lung cancer”. International Conference on Bioinformatics and Systems Biology”, Department of Applied Sciences, Indian Institute of Information Technology-Allahabad (IIIT-A), March, 2016.

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

- “Tailpipe Emission from Petrol Driven Passenger Cars”. Transportation Research Part D: Transport and Environment, Vol. 44, pp. 14-29 (Elsevier).
- “Study of Air and Noise Pollution in Megacities of India”, International Conference on Water Environment, Energy & Society-2016, Texas A&M University, USA & AISECT University, Bhopal, March, 2016.
- “Spatial and Temporal Analysis of Particulate Matter in Delhi”, International Conference on Water Environment, Energy & Society-2016, Texas A&M University, USA & AISECT University, Bhopal, March, 2016.

## Dr Anil Haritash, Assistant Professor, Dept. of Environmental Engineering

- “Degradation of low molecular weight polycyclic aromatic hydrocarbons by microorganisms isolated from contaminated soils.” International journal of Environmental Sciences, 472-482.

## 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, 320-327, 2016.

## Dr Ram Singh, Assistant Professor, Dept. of Applied Chemistry

- “The chemistry and pharmacology of Genistein”,



## RESEARCH PAPERS AND JOURNALS...

The Natural Products Journal, 3-12, 2016.

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

- "Biodiesel Production from Waste Cooking Oil using calcined chalk as heterogeneous catalyst" presented at Biofuels & Bioenergy BICE 10816), MANIT Bhopal, February 2016.
- "A Critical Review on Production of Biodiesel from Various Feedstocks", accepted for publication in the JSIR India.

**Dr Nitin K. Puri**, Assistant Professor, Dept. of Applied Physics

- "Photovoltaic effect in BiFeO<sub>3</sub>/BaTiO<sub>3</sub> multi-layer structure fabricated by chemical solution deposition technique", Journal of Physics and Chemistry of Solids 93, 63-67 (2016).
- "Platinum nanoparticles-single-walled carbon nanotubes hybrid based chemiresistive sensor array for myoglobin detection" Materials Research Express (2016).
- "Hybrid of Platinum Nanoparticles and 1-Dimensional Single-walled Carbon Nanotubes Based Chemiresistive Biosensor" Sensors & Transducers 197 (2), 34 (2016)
- "MONTE CARLO simulation of photon beams for various effects on energy and angular distribution using PRIMO" International Journal of Engineering Research & Technology (IJERT) (2016)

**Ms Meha Joshi**, Assistant Professor, Delhi School of Management

- "Superseding rote learning with activity based learning to set benchmark in Quality oriented higher education" published in Indian Bar Review Vol. XLIII (1)2016.

**Ms Saroj Bala**, Assistant Professor, Dept. of Humanities

- Robin Sharma's insights on "Perfect living for social welfare" a paper presented at the international conference (MCSWELL\_2016), Lingaya's Univ. Faridabad, Feb 2016.
- "Brain Drain in the globalized world", International Conference on Diaspora and Development held at the Punjabi Univ. Patiala, Feb 2016.
- "Empowering women through the language of Power", 3rd International Conference on ELT, Amity Univ., Lucknow campus, March 2016.

## HONOURS AND AWARDS RECEIVED

**Mohd. Fahad**, B.Tech., 4<sup>th</sup> yr., MAE; **Lavanya Singh**, B. Tech., 4<sup>th</sup> yr., MCE

- Secured 3rd position in Tata Crucible Campus Quiz.

**Jigyasa Grover**, B. Tech., 3<sup>rd</sup> yr., COE

- Received a grant of \$500 by Google Open Source Programs to attend FOSSASIA Open-Tech Summit in Singapore March, 2016.

**Madhur Gupta**, B. Tech., 4<sup>th</sup> yr., ME

- Received the prestigious OPJEMS scholarship-OP Jindal Scholarship for Engineering and Management students for the year 2015.

**Ranadeep Singh**, B. Tech., 2<sup>nd</sup> yr., ECE; **Arpit Goyal**, B. Tech., 2<sup>nd</sup> yr., COE

- Runners Up at Mahindra Comviva's Disruptions Competition- a national level disruptive innovation challenge. Pitched the idea, iCare, an affordable healthcare solution.

## RESEARCH PAPERS PUBLISHED

**Rohan Chandra**, B. Tech., 4<sup>th</sup> yr., ECE,

**Rashika Anurag, Neeta Pandey, Rajeshwari Pandey**

- "Voltage Mode Second Order Notch/All-Pass Filter Realization Using OTRA." i-manager's Journal on Electronics Engineering.

**Vivek Aggarwal**, B. Tech., 4<sup>th</sup> yr., CE

- "Effect of Warm Mix Additives on Asphalt", accepted for publication by Elsevier.

**Vasu Jain**, B. Tech, 3<sup>rd</sup> yr., ECE

- "Impact of Scaling Up on The Double Bottom Line of the Micro-finance Institutions in India" at ICARI - 2016.

**Shivansh Srivastava**, B. Tech., 3<sup>rd</sup> yr., PSCT

- "The role of photo-electric properties of silk cocoon membrane in pupal metamorphosis: A natural solar cell"

**Akshita Gupta**, B. Tech., 1<sup>st</sup> yr., ECE

- Presented literature paper at International conference on diaspora and development on the topic "Long Distance Nationalism."

**Vansh Srivastava**, B. Tech., 1<sup>st</sup> yr., EE

- Presented literature paper at International conference on diaspora and development on the topic "Brain Drain."

## CONFERENCES AND WORKSHOPS ATTENDED

**Sarthak Khandelwal**, B. Tech., 3<sup>rd</sup> yr., SE

- Attended Harvard US India Initiative at Trident Nariman Point, Mumbai, and attended various panels on education, society, politics and economics, January, 2016.

**Sandeep Bhaskar, Varun Gupta, Ritesh Kumar**, B. Tech., 3<sup>rd</sup> yr., CE

- Attended National Conference of Technical Advancements in Civil Engineering on the current and emerging challenges faced by the society in the field of construction. The paper was also selected for International Journal of Science and Technology.

## DTU STUDENTS PARTICIPATE IN THE ASIA PACIFIC ENTREPRENEURSHIP SUMMIT



Three students of the university, **Rupali Bhati**, 4<sup>th</sup> yr., ECE; **Shubham Jain**, 3<sup>rd</sup> yr., ECE and **Anandita Bindra**, 3<sup>rd</sup> yr., COE were selected for the Asia Pacific Entrepreneurship Summit, 2016 at the Stanford University. 38 delegates from over 13 countries were short listed for the week-long conference at the Design School of the University where the delegation were introduced to step by step process of product designing. Guest lectures by experts in the field from noticeable giants including **Facebook**, **Google** and **GitHub** as well as a funding based competitive project design were part of the conference, where the delegation from DTU performed exceedingly well.

## DTU STUDENTS HAD AN AUDIENCE WITH THE PRESIDENT AT THE FESTIVAL OF INNOVATION

**Prempal Singh**, EEE, 3<sup>rd</sup> yr., **Pranav Gulati**, EEE 3<sup>rd</sup> yr., **Raghav Apoorv**, MCE, 3<sup>rd</sup> yr. and **Naman Dwivedi**, ENE, 2<sup>nd</sup> yr. attended the Festival of Innovation 2016, held at Rashtrapati Bhavan on 19<sup>th</sup> March. They developed an android application using BLE devices for automating attendance. **Chhavi P. Gupta, Aanchal Somani and Yogesh Balan**, 3<sup>rd</sup> yr., COE won the Code for India Hackathon at the same event and were awarded by Hon'ble President Dr Pranab Mukherjee.



## UAS DTU PARTICIPATES IN KRISHI UNNATI MELA



UAS DTU participated in **Krishi Unnati Mela '16** organized by IARI, Pusa road. They introduced the technology where UAVs could be used for crop monitoring. A multicopter demonstration was also organized for **Shri Nitin Gadkari**, the Agricultural Minister, and the farmers where the technology was proposed.

## INNOVA ORGANIZES GUEST LECTURES

Under the banner of Innova 2016, several distinguished guest lectures were organized in the month of January at DTU. These included lectures by **Dr A.S. Pillai**, the father of **BRAHMOS Project**; **Mr Diwakar Vaish**, creator of India's first humanoid robot; Roman Mag-saysay awardees **Mr Sanjiv Chaturvedi** and **Mr Anshu Gupta**; and **Mr Shiv Khara**, the eminent author and famous motivational speaker.

## DELTECH MUN & DEBATING SOCIETY WINS LAURELS IN THE CIRCUIT

DelTech MUN & Debating Society hosted the 5<sup>th</sup> edition of its flagship conference, **DelTech MUN** on 30<sup>th</sup> and 31<sup>st</sup> January, 2016. It also held an open-mic debate on Indian politics, ABC Vivaad, on 13<sup>th</sup> April. The society bagged the Best Delegation award at Jaypee MUN 2016 and won the Best Delegation at NSIT MUN for the 4<sup>th</sup> consecutive year.

## DTU SUPERMILEAGE PARTICIPATES IN SHELL ECO-MARATHON

Team DTU Supermileage participated in **Shell Eco-Marathon 2016**, held in Manila, Philippines that was held in the month of March. This was the first attempt at an **Urban Concept**



vehicle from the team. From clearing the technical and safety inspections to performing on the track, the team performed exceptionally well. The team achieved the **9<sup>th</sup> position** in the category Urban Concept Vehicle, hence making it into the top ten in Asia in the category.

## IEEE DTU ORGANIZES STUDENT PROFESSIONAL AWARENESS CONFERENCE

DTU version of the International IEEE Conference 'S-PAC' was organized on 21<sup>st</sup> February 2016. The conference brought together a distinguished list of Industry Professionals, including **Mr Kishore Jayaraman**, President, **Rolls Royce-India and South Asia**; **Mr Sanjeev Arora**, Vice President **ABB Limited**; **Mr Suresh Rajpal**, former President, **HP India**; and **Mr Rohan Bhargava**, co-founder, **CashKaro.com**. The agenda included Advancements in Renewable Tech, Insights into Corporate life, and Entrepreneurship. S-PAC 2016 also featured talks by the popular **Mr Manmohan Gupta**, Founder, **Vidyamandir Classes and Nagarro**; and **Mr Naveen Kasturia**, the acting sensation of **TVF Pitchers fame**. The event was coordinated by **Dr Rajeshwari Pandey**, Assistant Professor, ECE.

## E-CELL ORGANIZES E-SUMMIT 2016

E-Cell DTU's flagship event, **E-Summit 2016** held from 24-26<sup>th</sup> February, 2016 at Delhi Technological University had various eminent speakers in its Leadership Lectures Series. The event started off with a lamp lighting ceremony by the Honourable Chief Guest **General Bikram Singh**, former Chief of Army Staff; the Guest of Honour **Dr Isher Judge Ahluwalia**,



**Padma Bhushan awardee and notable economist**, along with **Prof. Vikas Rastogi**, Dean of Student Welfare.

They had the privilege to host **Mr Rana Atheya**, CEO of **Dogspot**; **Mr Rustam Sengupta**, CEO of **Boond**; **Mr Gaurav Kachru**, Business Leader at **5ideas Startup Superfuel**; **Mr Saurav Kumar**, CEO at **Cube26**; **Mr Aakash Sinha**, CEO of **Omnipresent Robot tech**; **RJ 'Khurafati' Nitin** of **Fever 104 FM**; **Varun Agarwal**, author and founder of **AlmaMater**; and **Nitin Rivaldo Gupta**, India's eminent **Stand Up comedian**.

## NSS DTU ORGANIZES ORGAN DONATION AWARENESS DRIVE



NSS DTU organized an **Organ Donation Awareness Drive** in collaboration with **ORGAN (Organ Receiving and Giving Awareness Network)** and the NGO **Parashar**. A collaboration with Youth for Seva, "Holi Milan" also kick started the "Teach for India" Programme undertaken by NSS. NSS DTU was a part of the Youth Conference 2016 organized by NSS, BITS Pilani where the LEAP Portal was released and NSS DTU presented their work to **Mr Matthew Cherian (Chairman of Helpage India)**, which was hugely appreciated. A panel discussion of mentors from the organizations: Vision India, AgeWell Foundation, Teach for India and DEHAT was also held.

## DTU CRICKET TEAM BAGS LAURELS

DTU Cricket Team completed yet another successful season which saw them reach new heights and grow in stature. The team led by **Ankit Kumar** and deputied by **Raman Prajapati** won the **Digital India Cup** in March. They were the runners up at DTU Cricket League, **DCL Hot Weather Cup**, **DCL Monsoon Cup** and **Delhi Championship League Open Tournament**. The team were the semi-finalists at **IIT Roorkee**, **IIT Kanpur**, **VMMC** and **MAMC**. The team has set new benchmarks this season and the outgoing members wish them luck and hope that they continue the legacy.





| CLASS OF 2016



The Vice Chancellor, Prof. Yogesh Singh greets Deputy Chief Minister, Mr Manish Sisodia during the Inauguration Ceremony of Engifest'16.



**CAT  
OUTLOOK**



DTU Times interviewed **Sanuj Mittal**. He has secured a whopping 100 percentile in CAT 2015.

**What was the strategy you followed?**

Well, I began with the basic concepts that you require to be familiar with. Once that is done, practice is all you require. Practising mock tests and giving mock papers at the institutes. Giving as much mocks as possible and analysing those gives you the true picture and provides you the platform to perform well.

**Did you have to make a stringent study schedule considering your branch is so tough and to add to that you had CAT?**

I enrolled for the weekend batch at the institute. So it was college on weekdays and CAT coaching on weekends. As for managing studies between the two, semester exams are a last minute effort

that we at DTU make so yeah, it was managed.

**Any extra books that you used for preparation? Suggestion for all juniors?**

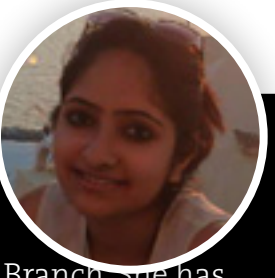
If you join an institute, they would provide enough material for you to prepare. Enough to the extent that you would find it hard to complete it. So, in my case, I didn't use any extra book. As for the suggestions, CAT is not as tough as it is made out to be. Regular practice and self-confidence is all you require.

**Word of advice for juniors?**

Take it easy. More than the preparation, you need to be calm on the day.

# HIGH ACHIEVERS OF DTU

**GRE AND MS APPLICATIONS  
OUTLOOK**



DTU Times interviewed **Sagari Handa**, of ENE Branch. She has been accepted of the top 10 universities she applied to for MS in Environmental Studies.

**Your experience of applying to colleges, first in one word, and then elaborated?**

Well in one word, 'Successful'. One thing that helped was that I started early. In my second year. I knew what I wanted. In my third year. I prepared for GRE and finished it in two attempts. By June, I started working on my essays. I didn't have to rush through anything and that really helped.

**What is your advice to the juniors, who are on the same track?**

It's very important to maintain a good percentage. It may sound clichéd, but it really helps. Do projects and internships that are in line with what you want to do. It shows focus. Definitely spend time on your essay. Don't stress over your GRE score too much. As long as you are within the average of your target school, that is

fine. Mine wasn't that great to be honest. I got 325 in my first attempt. People told me that a 330 is the minimum. So I gave it again, and got a 330.

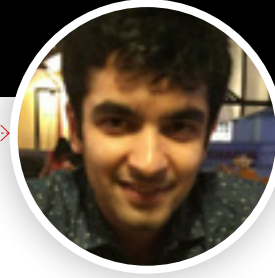
**How did you go about LORs?**

One myth that a lot of people have is that if you have an LOR from someone below the HOD or Associate Professor, it's useless. I got two LORs from assistant professors in my college. The reason I did that was because I had only worked under the assistant professors. I didn't want a letter from someone else just for the tagline.

**Which colleges did you apply to?**

I applied to Stanford, Berkeley, MIT, UIUC, CMU, Cornell, UMich, Georgia Tech, UT Austin and Virginia Tech. I got accepted to 9 out of 10 of them. I didn't get through Berkeley.

**PLACEMENT  
OUTLOOK (TECH)**



DTU Times interviewed **Chetan Kakkar**, of IT Branch. He has been placed in the leading tech company, Google.

**So how did you prepare for the internship, the interviews and everything?**

I think I kind of had a head start because I was interested in programming from school. Even though I didn't have access to resources such as Code Chef and SPOJ, I was still practicing questions. I also went for International Olympiad in Informatics (IOI) training camp which happens in school and prepares you for this kind of thing. In college I was just trying to learn more things, practicing stuff I already knew and doing things which were more complicated.

**So how was your experience at the Google campus?**

It was absolutely amazing. The people there are really nice and you can imagine that everybody there has high IQ and good ideas. So yeah, the internship was really awesome.

**What is your fondest memory of DTU?**

Man, there are so many, I can't think of just one single memory. But I did get into trouble a lot. Random things like we were hanging out and a professor didn't want us to do that. We also used to skip classes and go to a lot of places.

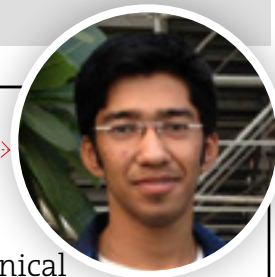
**Any particular aspect of our campus that you would look back at with fondness?**

To be honest the thing that I really would miss about college life would be the kind of free time that we had and how much we could experiment with it. That's something I'll really miss because it's something I don't think I'll have later on because I'll be working a lot wherever I go.

**Your advice to the juniors who are aspiring something similar to what you've achieved?**

Honestly, what really helps is having a genuine interest in what you want to do. When you have that it becomes very easy because you don't treat it like a chore. That way everything that you're doing is coming out of an interest and it is actually very satisfying even if you stay up all night to code. It's not really like work, you're enjoying it and that really helps.

**GATE  
OUTLOOK**



DTU Times interviewed **Aakash Tayal**, of Mechanical Engineering Branch. He has secured All India Rank 5 in GATE 2016.

**Was further studies always in the books or one of the options you considered?**

One of options I considered but not right now.

**You don't want to pursue further studies?**

Not that I don't want to, but I would love to have more job experience rather than pursue further studies.

**Where have you been placed?**

Yes, in Maruti!

**What did you do exactly to prepare for GATE?**

I joined a coaching institute called 'Made Easy' and it was more than enough.

**Any categorical tips you could give to the students?**

Most students generally ask if they

require a coaching institute or not. In my opinion if you can devote 10 to 16 hours per week to preparation than you don't need to join one. If you can't, then you should join a coaching institute. If you are capable of providing the 10-16 hours, then no problem but most students are not able to.

**Any specific books or anything else you'd recommend?**

The course material provided by the coaching institutes are enough.

**Anything from your college life that you'd like to share that has helped to shape you as a better person?**

One thing I'd like to share is that I was in team Solaris for two years and that helped me to build my technical skills.

**PLACEMENT  
OUTLOOK (NON TECH)**



DTU Times interviewed **Aditya Saxena**, of MCE Branch. He has been placed in the leading consultancy firm, McKinsey.

**What is your job profile?**

My job profile is a mix of coding, and client interaction. There will be a lot of number crunching and statistics.

**What are your growth aspects in McKinsey?**

My ultimate aim is to become a consultant. I currently have a backend job, but there is a lot of potential for growth. In about a couple of years' time I aim to become a full time consultant and McKinsey being the largest consultancy in the world, is the place to be, for me.

**Tell us about your preparation and your advice to juniors on the same track.**

Most importantly, be very clear about what you want to do ahead. If you know, it is the best thing, but if you don't, take the two months before the placement season to explore all sorts of profiles, and

then make an informed decision. About preparations, be very thorough with puzzles, guesstimates and case studies. Case studies being a big must! Above all, remain focused. If you are determined, there is nothing that can stop you. Also, never exaggerate on your resume. They will grill you on every possible aspect of it. Yet, if you do, make sure you have a solid back story to it.

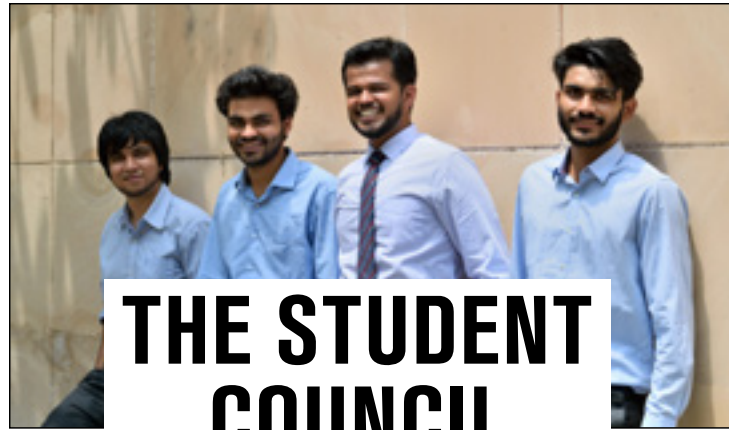
**Was your target, company centred, profile centred, or growth centred?**

Definitely profile and company centred. You can never get a true perspective of growth until you start working.

**What is one of the most exciting you've ever done?**

I once climbed a 50 feet vertical wall, with no support, at 2 AM on the coldest night of 2013 to get to a place where the trespassing fine was 2 lac rupees!





## THE STUDENT COUNCIL

**SOPANDEV TEWARI**  
VICE PRESIDENT, 2014-15

“Look at me, it’s been 2 years in the Council, and I still love meeting juniors, talking to them about their work, and giving suggestions. So it’s a lot of entertainment. It’s really engaging.”

**Now that you are leaving, do you have something in mind that you could change about our college?**

I would definitely like more students to get into extra-curricular activities; into cultural or volunteering work like student council or sports or technical societies.

**“Keep your chin high! I am glad the councils have worked towards the cultural aspect this year.”**

**SHUBHAM TYAGI**  
CULTURAL SECRETARY, 2014-15

“While Vishal Shekhar were performing, the lights went out as the college backup had gone out of order. In 10 minutes we managed to bring power back. All was back in place!!”

**What change do you want to see in college, five years down the line?**

We have very successful alumni who are doing us proud and doing great work, however we are not connected to them at all. I, personally would like to be associated with the college after passing out as an alumni.

**TANMAY SETH**  
GEN. SEC., DTU-SA 2014-15

**Which decision of your council, according to you, had the biggest impact on the college in general?**

I believe the most important decisions we took were related to Academic reforms in the University. Introduction of the CGPA System, Supplementary exams during vacations, and a revised curriculum are the most profound ones.

**Anything else you might want to mention?**

“Ensure everything you do is properly documented and well elucidated.”

“DTU Times should play the role of “4<sup>th</sup> Pillar” in University, taking up more charge of bridging the gap between students and administration.”

**VISHAL RANA**  
PRESIDENT, DTU-SA 2015-16

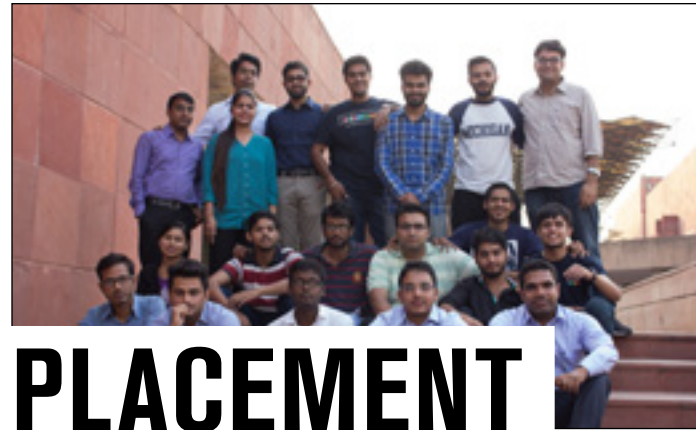
**How do you rate your college life? Major takeaways and lessons?**

11 out of 10. Nobody can describe the feeling!

**Which decision of the council has had the most impact?**

The corporate team was instituted very early, and we were able to get thrice the funding as that of last year! And the result was in front of your eyes; a spectacular Engifest’ 16!

*Check out our blog for the complete Interviews!*



## PLACEMENT COORDINATORS

It has been a tremendous placement season for ECE students. This year will reportedly see the highest number of offers in the history of the branch! Much of the credit naturally goes to the Placement Coordinators. The DTU Times Team had the opportunity to interview **Prasenjit Roy (PR)** and **Divjyot Singh (DS)**, the two PCs.

**How was the entire experience?**

**PR** It is like one’s first job. You get to represent one of India’s finest engineering colleges to companies, both world leaders and new start-ups. It gives you immense exposure; something that no other platform in college can.

**Is it hectic?**

**DS** Yes, it is, at least in the initial couple of months i.e. August and September. But once you get used to it, it’s not difficult. Also, the attendance sent from TnP helps to ease of the academic burden.

**PR** The good news is that you get to work with the most hardworking and dedicated guys in college. We formed close friendships that’ll outlive Bawana. And we had truly legendary PC parties. The stuff you see in movies? We actually did all that.

**Sounds fun! Many would aspire to be PCs.**

**DS** My only advice to such juniors would be to work as a team. Politics and arguments for personal gain will affect many. The responsibility entrusted is huge and they have to make sure that they deliver. A harmonious TnP will lead to better placements and opportunities.

**PR** On a side note though, there is not a single advantage of being a PC in terms of securing a job. It’s just added pressure.

**Any advice you’d like to impart?**

**DS** For juniors of ECE, I’d say that there are ample opportunities when placements come but not so much for internships. So third years, focus on improving your skill set and knowledge instead of fighting for a meaningless intern. Fourth years please make sure what field you want to enter. Don’t randomly sit for every companies just looking at the package. Also keep on exploring further studies options side by side. You never know when a better opportunity may strike you.

Lastly never compare yourself based on what you earn. It is an immature and derogatory thought one must stay away from. People should not be reduced to numbers.

COLLEGE TIME

Jorawar Singh Dham  
Lakshay Gautam, 1st year, EP

It’s an hour past noon on a sultry day of May. Holed up in my cool air conditioned room with the Xbox controller, firmly strapped down in the palm by the thumbs. Tapping those buttons repeatedly, trying to immerse myself into a deep sea called the ‘virtual world’. My Call of Duty awaits me where my bot mates rely on my epic sniper skills to obliterate the enemy into oblivion. Screen goes blank. Did I catch a stray bullet? No! Even worse! The Electricity Board, a sinister corporation far more superior than the terrorist forces stabbed me in the back and with a long and possibly excruciating power cut. I realized I was out of a life now. But all of a sudden, a wild Gameboy appears from nowhere. A Gameboy! I hadn’t seen or felt a Gameboy for years now. Is the Gameboy a lie? It beckons me to a vision of my old PC. It is impossible to judge. I now hear background scores of a bygone area which brings up tiny vestiges of those childhood memories. I remember

the games that sucked me in with a force that no novel ever could. As I define the “rash” in road rash, I hear brother Luigi calling me to save the princess, with Professor Oak providing me with all the Pokémon I need on my quest. “It’s a dangerous way ahead Dave!”, a voice in my head starts screaming. But what’s a life worth if it isn’t played well with? Eventually I act upon the ‘contra’-dicting voices in my head as I shoot the hellspawn in doom. Couple up this Gameboy with a DOS box, it will be Paradise in Heaven all over again. That fluidic Simba and the high flying Aladdin will escalate the adrenaline to unprecedented levels. In an attempt to enjoy these pleasures on offer I try to reach the Gameboy, but wait, the Gameboy fades away as wave my hands through the fading away image like an adult trying to hold on to his youth which is now a bygone era. I think to myself I’d rather fistfight a wolf than play multi-player. But the vision fades away as the power comes back on. Then some kid head-shots me on the run while jumping off of a building while switching weapons in mid-air and snaps me back to reality.

## KNOW YOUR ALUMNI

An Alumni connect initiative by the Alumni Association, DTU

Compiled by: Radhika Dang, 2<sup>nd</sup> yr., ECE, and Gursifath Bhasin, 1<sup>st</sup> yr., IIT

### VIJAY SHEKHAR SHARMA

- Batch of 1998, B.E. in Electronics and Communications Engineering (DCE)
- Partner at One97 mobility fund, a \$100 million fund that provides capital support to budding mobile-oriented businesses.
- Founder of PayTM, India’s largest mobile commerce platform with over 12 million registered users.

### DR MUKTESH CHANDER

- Batch of 1983, B.E., Electronics and Communication, DCE. He pursued his Ph.D. from IIT Delhi and LLB from DU.
- Currently Dr Chander is a Special Commissioner in Delhi Police.
- He specialises in cyber crime investigation, law enforcement, Information security, cyber law, criminology, victimology, hypnosis, etc.
- He was the DIG at Goa police from 2003-

2005. Also, he was the Joint commissioner of police, Prime Minister Security from May 2013–April 2014.

### KARNAL SINGH

- Batch of 1979, Electrical (Electronics) Engineering.
- M. Tech. from IIT Kanpur in Computer Science in 1981.
- LLB from University of Goa.
- MBA from FMS, Delhi
- He was awarded ‘The Best Student of DCE’. He also remained ‘The Best Sportsman’ and ‘The Best Athlete’ in the college.
- He belongs to the 1984 batch of IPS. He was awarded with the ‘President’s Police Medal for meritorious services’ and the ‘President’s Police Medal for the distinguished services’.
- He has contributed immensely in the modernisation of the Police and is known for his contribution in the field of

controlling terrorism and crime.

- Presently he is posted as Special Director, Enforcement Directorate, Government of India, New Delhi.

### ARUN KUMAR GOYAL

- Batch of 1980, Electrical Engineering graduate from DCE.
- MBA at Indian Institute of Management, Ahemdabad and later Glasgow Caledonian University and finally opted for the coveted Indian Administrative Services.
- Goyal was the Chairman and Managing Director of Delhi Transco Ltd from June 2004–March 2006.
- He was also Special Secretary (Power) in Government of Delhi after which he was the Director, Finance Intelligence Unit.
- In his current profile, he is involved in promoting India-Japan economic and commercial relations.

WATCH THIS SPACE FOR MORE INTERESTING FACTS ON YOUR NOTABLE ALUMNI IN THE NEXT EDITION!



# Farewell Shots

It's hard to write about my experience at DTU in just under five lines, but it's perhaps harder to come to terms with the fact that it has been almost four years and this amazing experience is coming to an end. From the chilli 'potato' in MechC to the constant shouts when standing in front of SNH to the night-out's, it wasn't just about the place but the people we shared these moments with and how these encounters shaped who we are today. Every part of me wants to feel and relive those moments but that's the hard part, as it is with this article: the want to keep going but knowing that the full stop is right around the corner.

*Shubham Sharma*  
4<sup>th</sup> yr., ECE; Student Head, DTU Times

What was only heard of or talked about, became life. What was only a dream, became a reality. The moment the huge gates of DTU opened up for me (quite literally), I was sure that these four years will be unforgettable. The golden era of the Chilli Potatoes and Grilled Sandwiches or the washed away by rain Engifests, I have seen them all. Those not so green pastures of the cricket ground and the tours with the cricket team or taking the team meetings of DTU Times at Knowledge Park, I have lived them all. Now that we are all ready, rather reluctantly, to take the next big step, it's safe to say that the plethora of learning opportunities bestowed upon us here at DTU will definitely help us in the future. With all the experiences I had in the mystery land of Bawana, one thing I can say for sure - I bid adieu to DTU with a big smile and a hell lot of memories to cherish upon. I wish all my fellow mates a good luck and thank all my friends, cricket mates and DTU Times for the beautiful four years here at DTU!

*Ankit Kumar*  
4<sup>th</sup> yr., SE; Editor in Chief, DTU Times

# FAREWELL

*Shruti Kumar, 1<sup>st</sup> yr., Electrical Engineering*

Just like autumn leaves fall into a new start, farewells mark new beginnings. The overwhelming nostalgia enveloped in our hearts and in the spirits of the dear ones we leave behind, speak to the value of bonding, friendship and affection. They are a celebration of these sentiments that hearten us to pursue and nurture these relationships in future. Reminding us of how the journey is more prestigious than the finality of a destination, farewells put our lives in perspective. When everything one has ever done is viewed in retrospect, there's nothing that does not fall into place and that's how one knows that they are ready to turn over a new leaf!

# Goodbyes and Nostalgia

*Shubhi Sareen, 1<sup>st</sup> yr., COE*

That moment could not be confined to the realms of fleeting picture  
Embellished with friendship, adorned by departure and ornamented with lustre  
I dream of turning around to retrace that quintessential voyage  
To relive those college days, enriched with joy and flamboyance  
The roads diverged, and the ways never intersected again  
"Stay in touch!", "See you soon!" and all such promises went in vain!  
Nevertheless, the mesmerizing four years are etched in my heart  
A memory, a recollection, with which I never want to part!  
The summers spent at the wind point, the winters at the OAT  
Those days are all I want back, while I sit sipping my tea  
The Italian Pizza, the American donut never seemed to content me  
A trip to Mic-Mac, Nescafe, Amul and MechC is all I want it to be!  
What was filled with joy and pleasure, ended in a jovial cheer!  
Who knew, those merry farewell songs are all that I want to hear?  
As best friends turned into strangers, and memories into bizarre images  
What separated us, was life and some imaginary bridges  
The hope to see you again, in a far off distant place  
Grows steadily with the hurriedly passing days  
I deny saying goodbye; I deny deleting your memories  
As those are my most cherished accessories  
Those four years were longer than these twenty  
Those outings, those trips ceased to exist, and that is the only pity  
You all will stay vivacious in my memories, and alive in my heart  
I could not have been myself, if you never played your part!  
Those memories continue to bring a broad smile on my face  
As I try to figure my way in this life's maze  
The group pictures and the countless selfies  
In those long sleepless nights, provide me with an unparalleled company!

# Farewell Musings

*Prateek Singhal, 4<sup>th</sup> yr., EEE; Editor in Chief, DTU Times*

Upon introspection, we realize how much have the times changed, and how much we've changed with them. This college made a writer out of many of us, and nothing articulates these four years of college than the kind of writing we indulged in.  
First year was spent writing romantic prose and poignant poetry, which then gave way to dark, morose and sombre satire of second year. Third year was exhausted writing exaggerated achievements in our resumes, a habit supplemented with writing countless SOPs in the fourth year. Looking back, we realize that our *magnum opus* was our own college-life story. And now, we await the next chapter with ample excitement. But as this beautiful chapter comes to a close, we're overcome with a strong sense of nostalgia. Adios, DTU!

# A Life Lived Whole

*Aradhana Gahlaut, 4<sup>th</sup> yr., ENE*

*Of glad, mindless dialogue  
We will recall time and again;  
And the blithe strolls we took  
as we watched the moon ascend.*

*Caressed by the breeze,  
we shone through smiling summers;  
as we made of unseeming strangers  
friends, brothers and lovers.*

*With paper cups and warm hands,  
we watched countless fires die;  
and admired the life they filled  
into the dusky winter sky.*

*We stumbled and fell and rose again,  
held steady by friendly hands;  
of such comrades, not all meant well,  
but those too, we learned to withstand.*

*Amidst all the work and play,  
Time the Sly took his toll;  
Unbeknownst were spent years four,  
And in them, a life we had lived whole.*

# Leap

*Varun Grover, 4<sup>th</sup> yr., ECE*

*It's been four years,  
It feels like more,  
Memories galore.*

*The boundless happiness,  
The sane insanities,  
Braving the academic calamities.*

*A bunch of sailors,  
On a ship in the storm,  
Reaching the port,  
The voyage ends,  
Time to move on.*

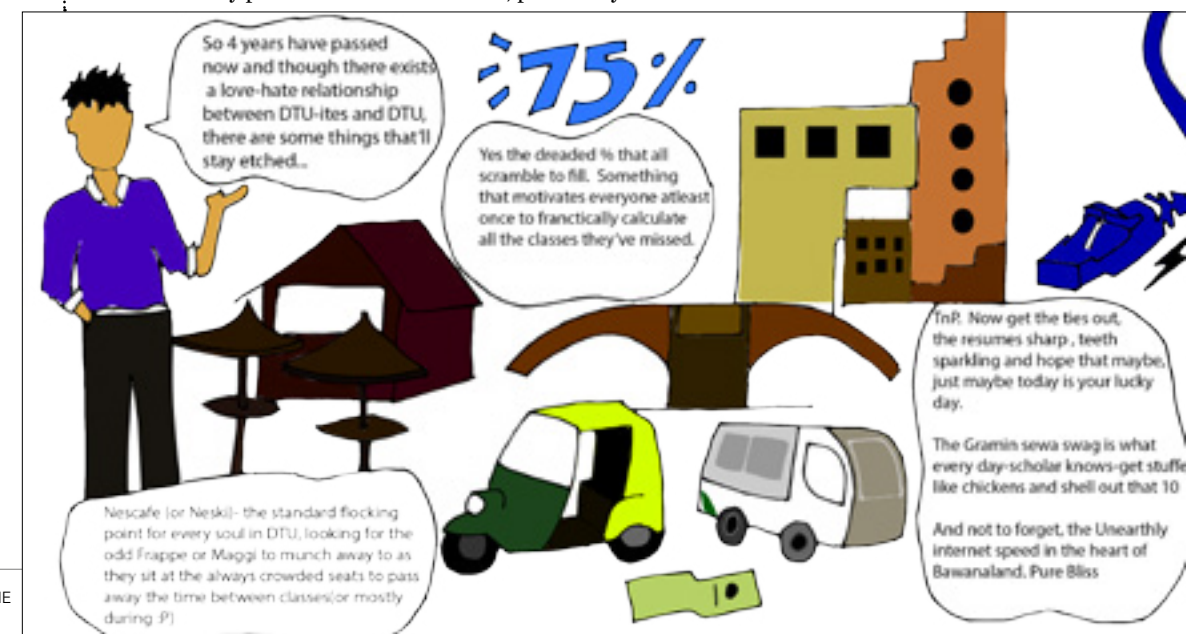
*So many lessons,  
So many laughs,  
So many chapters,  
In this diary of adventures.*

*It's been a ride,  
A joyful one,  
The time has come to leap,  
Onward and Upward.*

# The Last Everything!

*Gursifath Bhasin, 1<sup>st</sup> yr., IT*

The last Maggi with our beloved Maggi baba!  
The last cup of coffee or tea at the Nescafe!  
The last time you grab samosas at 5 bucks instead of 6!  
The last time you give a 'dharna' at Amul!  
The last time you allow dogs to lovingly stare at you while you have your meals at Mic-Mac!  
The last time you can feel the oh-so-refreshing winds flowing from all possible directions at the Wind Point!  
The last time you lol around at the Mini OAT!  
The last time you can boast about the Ambedkar Auditorium and of course, the significant drop in temperature when you enter it!  
The last time you can put proxy for your buddies! (and get caught!)  
The last time you secretly peep into your partner's answer sheet and try to decipher their illegible handwriting!  
The last time you can go to profs saying, 'ismein thodhe marks badha do na!'  
The last time you go to the TnP with aspirations in your eyes!  
The last time you do someone's GPL!  
The last time you can contribute towards the unity of your class by supporting the ill-timely mass bunks!  
The last time you get to feel happy that your college has a Titanic point too!  
The last time you enter the library and the cool winds from the A.C. hit you like a much-awaited windstorm!  
The last time you sit with your friends and foes and eat your stomachs out at the mess!  
The last time you see a curfew extension and your soul jumps above Cloud9!  
The last time you are compelled to literally cling onto the door of 879! (Day scholars would relate to that!)  
The last time you sweat it out at ARENA!  
The last time you wrack your brains in the TECHFEST!  
The last time you can have a gala time at the ENGIFEST!  
The last time you rush in the electric rickshaw to reach BADLI!  
The last time you sit with your loved ones at the DTU lake!  
The last time you can boast about the umpteen number of societies and tech-teams that have made it possible for you to survive these 4 dreadful years trying to become an engineer!  
The last time you enter the gates of DTU and feel nostalgic because, well, your journey started from this very place!  
The last time you proudly say that 'My college is DTU'.  
And of course, the first time you become an alumnus of DTU!  
We wish each one of you, a successful and happy future ahead. May you make this institution and every person associated with it, proud of your endeavours!





# याद करूँगा किसी दिन मैं तुमको

Shashwat Kishore, 3<sup>rd</sup> yr., PCT

याद करूँगा किसी दिन मैं तुम को  
याद करूँगा किसी दिन इन लम्हों को  
मेरे दिल के किसी कोने पर तुम्हारा ही राज है  
मुझे मालूम है अब हम दोनों के बीच दूरियाँ ही  
सरताज हैं  
पर ये वादा करते जाना कि महफूज़ रखोगे तुम मेरी  
यादों को  
और ये भी वादा करो कि याद करोगे तो आँसुओं से  
फ़ना नहीं करोगे अपनी हँसी को।  
चार साल पहले की वो अंजानी शर्माहट  
ना जाने कैसे बन गई इतनी गहरी दोस्ती  
अब वो हँसी, वो मज़ाक, वो मस्त मुलाकात  
वो बहस, वो लड़ाई और वो वापस मिलने वाली बात  
वो बर्थडे की मार वो वाईवा में टीचर की फटकार  
वो मार्क्स को लेकर रोना  
और पहली बेंच वाले घिस्सू को हमेशा कोसना  
याद करूँगा इन प्यारी बातों को  
उन मस्त मुलाकातों को  
याद करूँगा किसी दिन इस वक्त को  
याद करूँगा किसी दिन मैं तुमको  
याद करूँगा किसी दिन मैं तुमको।

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*..for everything.*

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