



DTU
TIMES

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EDITORS' NOTE

A University is an established place where one goes through immense personal growth. But never could we have imagined to be a part of a University that underwent such a massive evolution in itself during the time we were on its rolls.

As we speak, the campus continues to blossom, and the Institute, while preserving its name as one of the most well-regarded schools for technical knowledge in the country, has emerged to stand as a symbol of excellence in every venture, from the sports arena to the performance stage. The breathtaking sights and sounds in the plethora of festivals that adorned the past academic year bear testimony to the progress that DTU has made in this fantastic journey of yours - a record of which DTU Times presents you with, through its 38th Edition.

Encompassing the echoes that you leave behind in the corridors, portraying the impressions that you created on three generations of students, and taking you down the avenues of emotion and memory, of what is, and what might have been, dear Fourth Year... this one, is for you.

In Memoriam...

With immense sorrow, we'd like to inform our readers of the sad demise of our Registrar, Col. (Retd.) Neeraj Suri. He was an alumnus of the National Defence Academy. Having served in the Indian Army in various capacities for over 31 years, he was also briefly Advisor, Aerospace and Defence for KPMG India. He joined DTU in July 2014 and had been integral in the development of the University ever since. His insightful intellect and passion for hard work will be missed by all those who had the privilege of knowing him. The loss of Col. Suri will be felt dearly, and the University offers its deepest condolences to his family and loved ones in these trying times. May his blessed soul rest in peace.



ENGIFEST 2K17



Engifest, the annual Cultural Festival of DTU was organised in February, 2017. The theme for Engifest this year was 'Infinity'. The fest was inaugurated by Olympic Gold Medalist Grp. Capt. (Retd.) Raghbir Singh Bhola and the Hon'ble Vice-Chancellor, Prof. Yogesh Singh. Full of Music and Dance, the Inaugural Ceremony marked the beginning of the three-day extravaganza that followed.

The first day began with spell-binding musical events such as Balladeers and Vocalicious and the soul-stirring Anushthaan. The euphoric evening comprised of performances by the Israeli band SHTUBY- Drum and Red, followed by an electrifying musical performance by Sunidhi Chauhan.

The second day of Engifest brought out the best of artists, with events such as Western dance contest Spandan. Paridhan saw participants from colleges all over Delhi allure the crowd with their elegance and poise. The team from Maharaja Agrasen Institute of Technology took home the winners' trophy. Campus Princess, judged by Femina Miss Grand India, Pankhuri Gidwani, and Mr. India's First Runner-up, Viren Barman, completed the evening, followed by an energetic performance by Lagori, who performed their old hits alongside introducing songs from their new album.

The final day included events such as stage play competition Natya, won by 'Astirva' of Dyal Singh College. This was followed by an evening with versatile poet, songwriter and actor Pi-yush Mishra at the OAT. Engifest was brought to a fitting conclusion with an electrifying performance by EDM sensation Nucleya.

Engifest showcased not only a wide variety of events at play but also an unprecedented footfall. The last day of the event itself marked a record breaking assemblage of over twenty thousand concertgoers.



TECHFESTS



AAHVAAN



Aahvaan, DTU's first-ever Inter-university Sports Festival that addressed a noble social cause - sensitising the masses towards the North-East India and its people, was organised in March. The fest commenced with inspiring words from Olympic Gold Medalist Grp. Capt. (Retd.) Raghbir Singh Bhola and the Hon'ble Vice-Chancellor, Prof. Yogesh Singh followed by a series of hilarious performances by the young stand-up comics of Delhi.

Showcasing a wide variety of sporting events, which included the basketball, volleyball, tennis,



cricket, kabaddi and athletics tournaments such as weightlifting, the fest saw immense participation by teams from around the country with over 170 teams registering for the fest, including more than 30 girls' teams and 140 boys' teams. The fest also included powerlifting, a chess olympiad and gaming competitions.

The non-sport events and pro-nights also saw great enthusiasm with an estimated gathering of over 25 thousand over the course of three days.

Along with all the sporting events over the course of the fest, the first day saw a panel discussion on North-East India in an event titled Aarunya that concluded with resplendent Bihu performances and Fashion Parade, showcasing the vibrant heritage of the North-east. The day ended with a high octane performance by The Local Train. On the second day, the crowd witnessed an array of inspiring tales under Sports Talk. Speakers such as marathon runner Dr. Sunita Godara and former India Hockey national Rajesh Chauhan shared intimate details of their journeys against odds, while extreme-sports enthusiast Shital Mahajan acquainted the audience with the risks her sport involves. The day also witnessed a visit from Indian Kabaddi nationals Surjeet Narwal and Rohit Kumar, who encouraged the budding Kabaddi players to promote traditional Indian sport. The evening was marked by a breathtaking performance by Nizami Bandhu. The final day turned the whole campus into a vast playground for the Colour Run, a 2 km open mara-

thon celebrating the vivid culture and diversity of our country.

The fest concluded on a successful note with the Valediction and Closing Ceremony held later in the evening.



TEDxDTU



In the spirit of 'Ideas Worth Spreading', TEDx DTU organised its annual conference in March, 2017. Chosen with the belief that humanity lies in the overlap of colours and not just in the polarizing extremes, the theme for the event was, 'Because Grey Matters'.

The speaker line-up consisted of eminent personalities such as Ms. Monica Sharma Dogra, renowned Singer and Actress, Mr. Tan-moy Chakrabarty, Vice President and Global Head (ISU) at TCS, Mr. Rishabh Seen, world's first Metal Sitar Player, Mr. Sukant Khurana, Neuroscientist and Data Scientist, Ms. Nandini Sundar, Anthropologist and Professor at Delhi School of Economics, Ms. Premalata Agarwal, oldest Indian woman to climb Mt. Everest and The Rural Indian Project, Rural Storytellers, amongst others, who shared their experiences and ignited new ideas in the minds of the audience; followed by an interactive Q&A session.

DCE-DTU ALUMNI MEET

The DP-DCE-DTU Alumni Meet 2017 was organised by DCE-DTU Alumni Association in February at Air Force Golden Jubilee Auditorium and Lawns, Subroto Park. The Chief Guest for the event was Dr. Harsh Vardhan, Hon'ble Union Minister for Science and Technology. The Alumni members of the Batches of 1967 and 1992, who completed their Golden and Silver Jubilees respectively, were felicitated by the Association. Vijay Shekhar Sharma, Founder, PayTM was also present.



LIBRARY NEWS

Workshops on ACM, the leading professional member organization in the field of computing; ASCE, a global network for civil engineers; and Access Engineering, a dynamic online resource offering the world's most trusted engineering reference content; were organised by the Central Library in April, 2017.



Workshops on International Water Association Publishing, a leading International Publisher of Water, Wastewater and Environmental Publications; Turnitin, a Cloud-based solution aimed at providing plagiarism prevention services; and Pearson E-books and World E-book Library, the storehouses of various E-books and Journals; were organised by the Central Library in March, 2017.

Workshops on Mendeley, a Research Management software which is used for discovering research data and collaborating online; and Grammarly, a leading automated proofreader which uses algorithms to flag and correct potential issues; were organised by the Central Library in February, 2017.

UNIVERSITY EXPANSION

The Delhi Government has allocated 1.15 acres of land to extend the campus of the Delhi Technological University in Kichripur, East Delhi. Management, Commerce and Humanities courses will be offered in this campus. There are also plans of introducing flexible post graduation courses which can be more suited to the job market. As part of Phase-2 of the construction plan, a new academic block and three new hostels were sanctioned by the Delhi government to cater to the increasing needs of the University.



E-SUMMIT

ics and IT, and Sanchit Sethi, Founder, Stayuncle.

A B-Plan competition Blueprints was organised in February, and witnessed some of the best ideas facing off against each other in a challenge of business skill and acumen.



E-Cell, DTU organised its annual Entrepreneurship Summit in February, 2017. The summit included events such as the Leadership Lecture Series, Blueprints, the Startup Internship Fair and a Workshop Series.

The Leadership Lecture Series was graced with the presence of Hon'ble Vice-Chancellor, Prof. Yogesh Singh, who spoke on Indian Entrepreneurship and how a business mindset can benefit one in the long run. The event included speakers such as Sandeep Aggarwal, Founder, Shopclues and Droom, Mridul Kumar, Joint Secretary, Ministry of External Affairs, Ajay Kumar, Additional Secretary, Ministry of Electron-

A workshop series on Zero Budget Marketing was also organised, which saw three speakers-Avani Parekh, Community Head, Sheroes, Ankit Jain, Founder, MyOperator and Raghav Shekhar, Co-founder, Lawyered, deliver highly informative and enlightening lectures on the most effective startup promotion strategies.



The E-Summit culminated with the Startup Internship Fair, which formed the perfect platform for students to bag valuable internships.

DELHI SCHOOL OF MANAGEMENT



The Delhi School of Management organised its Annual HR Conclave in February, 2017. The event was all about various Industry Stalwarts sharing their experiences and knowledge with the Managers of tomorrow.

The event was graced with the presence of Hon'ble Vice-Chancellor, Prof. Yogesh Singh, Hon'ble Pro Vice-Chancellor, Prof. S.K. Garg and Head of Delhi School of Management, Dr. Rajan Yadav. The conclave featured eminent speakers such as Anil Rathore, Head HR, Indiabulls, Madhup Agrawal, Head HR, IndiaMART, Ashish Srivastava, VP HR, Relaxo, Cdr.(Retd.) Babita Rawat, Director, Support Function, Metaflex, Bharat Rawat, DGM L&D, TPDDL and Prashant Vijay, Assistant Director BD, Flexing It, who shared their views and expertise pertaining to the theme of the event, Technological Advancements in Human Resource Management.

The Delhi School of Management organised its annual general Quiz competition, INQUIZATE in February, 2017. Dr. Rajan Yadav, HOD, Delhi School of Management graced the quiz with his presence.

DEPARTMENT NEWS

STRESS MANAGEMENT WORKSHOP

The Department of Civil Engineering in association with Heartfulness Institute organised a three-day workshop on 'Stress Management and Self Development' for 2nd Year students in February, with Mr. Anbu Kumar and Dr. T. Vijay Kumar as the Co-ordinators.

has benefitted the students of 4th Semester of ECE in the domain of Digital System Design using FPGA.



EXPERT SEMINARS

The Department of Electronics and Communication Engineering organised two seminars in March, 2017. In the morning session, a Workshop on 'Embedded System Solutions using Raspberry Pi' by APTRON Solutions. In the Afternoon, a lecture on 'Security Challenges and Opportunities for SDN/NFV and 5G Networks' was delivered by Dr. Ashutosh Dutta, AT&T, New Jersey.



FPGA WORKSHOP

The Department of Electronics and Communication Engineering, in collaboration with Center for Development of Advanced Computing, Noida organised a workshop on 'Digital System Design using FPGA' in March, 2017 with Dr. Neeta Pandey and Mr. Deva Nand as the Co-ordinators. This workshop

FACULTY NEWS AND ACHIEVEMENTS

AWARDS AND HONORS RECEIVED

1. **Prof. R.S. Mishra, HOD, Dept. of Mechanical Engg.**
 - Guest of Honour, National Conference on Convergence of Technology and Management for Advancing India, SD College of Engg. and Technology, Muzaffarnagar, February, 2017
2. **Dr. S. Indu, HOD, Dept. of Electronics and Comm. Engg.**
 - Best Paper Award for 'Edge detection method based on Cellular Automata'
 - Selection Committee Member for recruiting Scientist 'B', NIELT, March, 2017
3. **Dr. Janardan Prasad Kesari, Associate Professor, Dept. of Mechanical Engg.**
 - Best Keynote Speaker, 'Making Solar Technology Affordable and Sustainable for India's Prosperity,' International Conference on Recent Trends in Renewable Energy and Smart Grid-2017, College of Engg. and Technology, Mody University, February, 2017
4. **Dr. M. Rizwan, Assistant Professor, Dept. of Electrical Engg.**
 - Judge, Arlington County Regional Science and Engg. Fair, Arlington, USA, March, 2017

5. Dr. Nitin Kumar Puri, Assistant Professor, Dept. of Applied Physics

- Chairman, International Atomic Energy Authority, Vienna, February, 2017

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

- Representative, 'Establishing a Research Network on Vehicular Emission Reduction,' Central Road Research Institute, Delhi, January, 2017

7. Mr. Vinod Singh, Assistant Professor, Dept. of Applied Physics

- Best Presentation Award, Nano India 2017 Conference, IIT Delhi, New Delhi, March, 2017

8. Mr. Kaushal Jha, Research Scholar, Dept. of Applied Physics

- Selected, 'Indo-Korean Research Internship Programme,' National Research Foundation (NRF), Ministry of Science, ICT and Future Planning of the Republic of Korea

9. Ms. Manisha Verma, Research Scholar, Dept. of Environmental Engg.

- Best Poster Award, 4th International Conference on Advanced Oxidation Processes, BITS Pilani KK Birla Campus, Goa, December, 2016

CONFERENCES AND WORKSHOPS

1. Prof. R. S. Mishra, Professor and HOD, Dept. of Mechanical Engg.

- Invited Speaker, 'Role of Green Technology for Sustainable Development'

2. Dr. Janardan Prasad Kesari, Associate Professor, Dept. of Mechanical Engg.

- Keynote Speaker, National Workshop on Photovoltaic Technology and Business Overview, Physics and Electrical Engg. Dept., MNNIT Allahabad, March, 2017
- Training program on 'Concentrated Solar Thermal Technologies,' Solar Thermal Power Plant, Brahma Kumari, Rajasthan, March, 2017

3. Dr. Neeta Pandey, Associate Professor, Dept. of Electronics and Comm. Engg.

- Coordinator, 'Digital System Design using FPGA,' Dept. of Electronics and Comm. Engg., DTU, and Center for Development of Advance Computing, Noida, March, 2017

4. Mr. Deva Nand, Assistant Professor, Dept. of Electronics and Comm. Engg.

- Coordinator, 'Digital System Design using FPGA,' Dept. of Electronics and Comm. Engg., DTU, and Center for Development of Advance Computing, Noida, March, 2017
- 'CMOS, Mixed Signal and Radio Frequency VLSI Design,' National Mission on Education through ICT, IIT, Kharagpur, December, 2016-February, 2017

- FDP, 'Emerging Trends in Computer and Electronics Communication,' Ambedkar Institute of Advanced Communication Technologies and Research, Delhi, March, 2017

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

- Co-coordinator, 'Advances in Friction Stir Welding/Processing, DTU, March, 2017
- 'Advances in Tribological Studies,' DTU, March, 2017

6. Dr. Nilam, Assistant Professor, Dept. of Applied Mathematics

- Invited Speaker, 'Quantitative modelling and simulation using Mathematics,' National Workshop on Mathematical Modelling and Computational Techniques using Mathematics, Zakir Hussain Delhi College, Delhi University, March, 2017

RESEARCH PAPERS AND JOURNALS PUBLISHED

1. Dr. S. Indu, HOD, Dept. of Electronics and Comm. Engg.

- 'Enhancement of ancient manuscript images by log based binarization technique,' AEU-International Journal of Electronics and Communications, 2017
- 'Edge detection method based on Cellular Automata,' International Conference on Contemporary Issues in Science, Engg. and Management, February, 2017
- 'Fish Species Classification using Graph Embedding Discriminant Analysis,' International Conference on Machine Vision and Information Technology, Singapore, February, 2017
- 'GCS Decolour based Binarization of Historical Manuscripts,' International Journal of Control Theory and Applications, 2017

2. Dr. Janardan Prasad Kesari, Associate

Professor, Dept. of Mechanical Engg.

- 'Development and Management of Solar and Wind Hybrid Technology for the progress of India,' International Journal of Development Research, February, 2017

3. Dr. Rajeshwari Pandey, Associate Professor, Dept. of Electronics and Comm. Engg.

- 'Single VDBA based Multifunction Filter,' International Journal of Control Theory and Applications, 2017

4. Dr. Anil Singh Parihar, Assistant Professor, Dept. of Computer Science and Engg.

- 'Fuzzy-Contextual Contrast Enhancement,' IEEE Transactions on Image Processing, April, 2017
- 'An Optimal Fuzzy System for Edge Detection in Color Images using Bacterial Foraging Algorithm,' IEEE Transactions on Fuzzy Systems

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

- 'Detection of Malicious Transactions in Databases using Dynamic Sensitivity and Weighted Rule Mining,' 4th IEEE Sponsored International Conference on Innovations in Information, Embedded and Communication Systems, Coimbatore, 2017

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

- 'Structural and emission properties of Eu^{3+} doped alkaline earth zinc phosphate glasses for white LED applications,' Journal of the American Ceramic Society, IF: 2.787
- 'Spectroscopic and photoluminescence characteristics of Sm^{3+} doped calcium aluminosilicate

phosphor for applications in w-LEDs,' Ceramics International, IF: 2.758

- 'Spectroscopic studies of Pr^{3+} doped lithium lead alumino borate glasses for visible reddish orange luminescent device applications,' Journal of Alloys and Compounds, IF: 3.014
- 'Abnormal temperature dependent luminescence behavior of CaSrSiO_4 : Eu^{2+} phosphors synthesized via sol-gel strategy,' Journal of Alloys and Compounds, IF: 3.014

7. Dr. M. Rizwan, Assistant Professor, Dept. of Electrical Engg.

- 'Design and Optimization of RES based Standalone Hybrid System for Remote Applications,' 8th IEEE Conference on Innovative Smart Grid Technologies, sponsored by the IEEE Power and Energy Society, Washington D.C., USA, April, 2017
- 'A Predictive Current Control for Solar PV Fed VSI in Distribution System,' 17th IEEE International Conference on Environmental and Electrical Engg., Milan, Italy, June, 2017
- 'Short Term PV Power Forecasting Using Generalized Neural Network and Weather Type Classification,' International Conference on Advancement in Energy, Drive and Control, April, 2017
- 'Smart Building Energy Management: A Review,' International Conference on Advancement in Energy, Drive and Control, April, 2017
- 'A Three Phase Grid Connected SPV Power Generating System using EPLL based Control Techniques,' IEEE International Conference on Electrical, Computer and Communication Technologies, SVS College of Engineering, Coimbatore, February, 2017

8. Ms. N. Jayanthi, Assistant Professor, Dept. of Electronics and Comm. Engg.

- 'Enhancement of Ancient Manuscript Images by Log Based Binarization Technique,' AEU-International Journal of Electronics and Communications

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

- 'Photovoltaic Response of Hydrothermally Derived BFO Ceramics,' Emerging Materials Research

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

- 'Estimation of Motor Vehicle Toxic Emissions and Concentrations in Metropolitan City of Delhi,' International Journal for Traffic and Transport Engineering
- 'Air Quality Assessment Along Urban Transport Corridor in Megacity,' International Journal of Environmental Technology and Management
- 'Comparative Analysis of Air and Noise Pollution during Odd-Even Scheme Phase-II in Delhi,' International Conference on Emerging Areas of Environmental Science and Engg., Department of Environmental Science and Engg., Guru Jambheshwar University of

Science and Technology, Hisar, Haryana, February, 2017

- 'Assessment of Health Risk Based on AirQ Software Tool,' International Conference on Emerging Areas of Environmental Science and Engg., Department of Environmental Science and Engg., Guru Jambheshwar University of Science and Technology, Hisar, Haryana, February, 2017

11. **Mr. Vinod Singh, Assistant Professor, Dept. of Applied Physics**

- 'A Process for Synthesis of Metal Core-carbon Shell Nanoparticles,' (Patent No. 07/2017). Inventors: Vinod Singh, Bodh R. Mehta, and Saurabh K. Sengar, February, 2017
- 'Gas Phase Synthesis of Size Selected Palladium-Carbon Core-Shell Nanoparticles for Sensing Applications,' Nano India 2017 Conference, IIT Delhi, March, 2017



12. **Dr. Vivek K. Aggarwal, Assistant Professor, Dept. of Applied Mathematics**

- 'Stability analysis of predator-prey system with migrating prey and disease infection in both species,' Applied Mathematical Modeling, 2017

13. **Mr. R. K. Shukla, Librarian**

- 'Application of Six Sigma in Library of DTU,' International Conference on Advanced Production and Industrial Engg., DTU, December, 2016

14. **Ms. Lalita Kumar, Assistant Librarian**

- 'Ever Increasing Cost of Knowledge: Challenges for Libraries for Electronic Resources: A Case Study,' DESIDOC Journal of Library and Information Technology, 2016

15. **Ms. Manisha Verma, Research Scholar, Dept. of Environmental Engg.**

- 'Enhanced Decolorisation of Acid Orange 7 Using Fenton's Process: Validation By Response Surface Methodology,' 4th International Conference on Advanced Oxidation

- 'Application of FMOMILP for Aggregate production planning: A case of Multi-product and Multi-period production model,' IEEE International Conference on Advances in Mechanical, Industrial, Automation and Management Systems 2017, MNNIT Allahabad'.

5. **Agrima Singh, B. Tech., CE, 3rd year, Apurv Ashutosh Sharma, B. Tech., CE, 3rd year, Aryan Sagar, B. Tech., CE, 3rd year, Prachi Singhal, B. Tech., CE, 3rd year.**

- 'Use of Cement Treated Granular Base and Sub-base in the construction of Flexible Pavement,' International Conference of Advance Research and Innovation 2017, Delhi State Center, Institution of Engineers, Delhi.

6. **Himanshu Yadav, B. Tech., MAM, 3rd year and Tarun Saxena, B. Tech., MAM, 3rd year.**

- 'Solar energy is the path for India's rural prosperity: A mobile solar PV application'.

7. **Divjot Kaur, B. Tech., EEE, 2nd year, Mahesh Raj, B. Tech., COE, 2nd year.**

- 'Dynamic password authentication protocol using android device and one way function,' IEEE International Conference on Wireless Communication, Signal Processing and Networking, Chennai
- 'Image compression using pictorial representation of data,' IEEE International Conference on Wireless Com-



CONFERENCES AND WORKSHOPS ATTENDED

1. **Piyush Menghani, B.Tech., 4th Year, EEE, Saurav Chandel, B. Tech., EEE, 4th Year, Abhinav Soni, B.Tech., 3rd Year,**

EEE, Rashi Garg, B.Tech., 3rd Year, EEE.

- Represented India, Applied Power Electronics Conference-2017, Tampa, Florida, USA, March, 2017

2. **Himanshu Yadav, B. Tech., MAM, 3rd year, Tarun Saxena, B. Tech., MAM, 3rd year**

- Attended, International Conference on Recent Trends in Renewable Energy and Smart Grid-2017, MODY University, Sikar, Rajasthan, February, 2017

3. **Rohan K, B. Tech., MCE, 1st year**

- Selected, 8th Edition of the Young India Challenge, IIT Delhi

COMPETITIONS AND AWARDS WON

1. **Jasminder Singh, B.Tech., MAM, 4th Year, Madhav Aggarwal, B.Tech., ME, 4th Year, Mohd. Suhail, B.Tech., ECE, 4th Year**

- Gandhian Young Technological Innovation (GYTI) Award, the Festival of Innovation, Rashtrapati Bhavan, March, 2017, for developing Navyo, a smart glove for the Visually Impaired.



2. **Poorva Shrivastava, B.Tech., BT, 3rd Year**

- Winner, Best Oral Presentation Award, International Conference and Outreach Program on 'Environment & Ecology: Sustainability and Challenges', Sri Venkateswara College

2. **Mayank Tripathi, B.Tech., IT, 1st Year**

- Winner, Code Heat Coding Contest of FOSSASIA and was invtd to present his project at the OpenTech Summit, Singapore



3. **Snigdhaa Hasija, B. Tech., ECE, 4th Year, Himanshu Ahuja, B.Tech., COE, 2nd Year, Shubhi Sareen, B.Tech., COE, 2nd Year, Ashu Gupta, B.Tech., EP, 1st Year, Mayank Tripathi, B.Tech., IT, 1st Year, Ronak Sakhuja, B.Tech., COE, 1st Year**

- Winner, Smart India Hackathon, Ministry of Electronics & IT Track, Govt. of India, AICTE, i4c and MHRD.



4. **Apurv Ashutosh Sharma, B.Tech., CE, 3rd Year**

- Silver Medal, Mixed Triples, 6th National Lawn Bowls Championship, Ranchi, representing Delhi
- Bronze Medal, Men's Fours, 6th National Lawn Bowls Championship, Ranchi, representing Delhi

5. **Mohit Saini, B.Tech., MAM, 4th Year, Preeti Gupta, B.Tech., MCE, 4th Year**

- Winner, Breeze Hackathon, Shiv Nadar University
- Second Position, Clean Air Asia Hackathon, organised by Clean Air Asia NGO, American Centre



RESEARCH PAPERS PUBLISHED

1. **Laavanye Bahl, B.Tech., SE, 4th Year, Pragati Priya, B. Tech., SE, 4th year, Su-shant Sehgal, B.Tech., SE, 4th Year.**

- 'Empirical comparison of machine learning algorithms for Bug Prediction in Open Source Software,' IEEE Conference, Chirala, Andhra Pradesh.

2. **Manas Jyoti Burgohain, B.Tech., ECE, 4th Year, Snigdhaa Hasija, B. Tech., ECE,**

4th year.

- 'Fish Species Classification using Graph Embedding Discriminant Analysis,' International Conference on Machine Vision and Information Technology 2017, Singapore'.

3. **Rajat Chugh, B. Tech., SE, 3rd year, Rishab Girdhaar, B. Tech., SE, 3rd year, Simran Aggarwal, B. Tech., SE, 3rd year.**

- 'Classification of Faults in Web Applications using Machine Learning,' International Conference on Intelligent

STUDENT NEWS

Systems, Metaheuristics and Swarm Intelligence (ISMSI) 2017, Hong Kong'.

4. **Vishant Aggarwal, B. Tech., ME, 3rd year, Yash Chauhan, B.Tech., ME, 3rd Year.**

SOCIETY AND TEAM NEWS

Team Raftaar zooms through ASME e-Fest

After a year of hard work, efforts came to fruition as Team Raftaar grabbed several accolades at the **ASME E-Fest Asia-Pacific 2017**, which was held in Jaipur from 3rd to 5th March. Team Raftaar secured **First Position** in the Human Powered Vehicle Challenge (HPVC), Male drag event, Female drag event and Design event of the competition. They were also announced as the **Overall Winners** at the event. Over 100 colleges from different regions including IITs and NITs participated in the fest.



UAS-DTU soars in victory



UAS-DTU stood Third at Flytron, held in February, at PEC University of Technology, Chandigarh. The competition, based on Disaster Management Quadcopters which can detect difference between terrorist and civilians, and which is able to perform payload drops, was judged by DRDO and ARDP Dignitaries.

INFERNO DTU blazes through IGKC 17



INFERNO DTU participated in the **International Go-Karting Championship (IGKC 2017)**; an annual karting competition organised by the **LPU-SAE Collegiate Club**. Of 70+ student teams registered from 7 countries and various Indian states, 25 teams entered the final endurance round. The 15-member team mainly comprising of students from the Mechanical Engineering Department, under the guidance of **Mr. P.K. Jain** bagged prizes in 3 different categories; **Best Innovation award**, **Best B-Plan** and **1st Runner up** in Best Design category.

Rotaract Club awarded Recognition by District

The **Rotaract Club** of DTU was awarded a token of recognition by the district celebrating the continuous efforts of its members for bringing positive change. The Rotaract Club had organised many events such as **Tree Plantation Drives**, **Blood Donation Camps**, visits to **Prayas - A Juvenile Aid Centre** throughout the year.

Pratibimb's Annual Productions



The Street and Stage wings of **Pratibimb**, the **Dramatics Society** of DTU set fire to the Theatre Circuit with their respective annual productions **Bharat Mubarak**, and **Bela Road Muktidham**. **BRMD** bagged the **2nd prize** in **MAMC** and **NSIT**, **Best Direction** in **DRC**, **Best Actor** to **Ajay Sharma** in **LIC**, **MAMC** and **NSIT**, and **Aman Sawhney** in **MAMC** and **NSIT** (Special Mention in Acting). **Bharat Mubarak** finished **3rd** in **MAIT** and **Satyawati College**, **2nd** in **Sri Venkateshwara College** and won the **1st prize** in **Kalindi College**.

Madhurima wins Accolades

Madhurima, the **Music Society** of DTU has had an amazing Fest Season, bagging laurels in almost every event they participated in. Summarizing their achievements, **Bharath Rajeevan** and **Mayank Mittal** secured first positions in events at **St. Stephen's College**, **DTU**, and **Sri Venkateshwara College**. **Vinayak Arora**, **Jessjit Singh**, and **Saayon Sen** secured second positions in events in **IGDTUW** and **DTU**. **Manas Singh**, **Bharath Rajeevan**, **Anurag Saikya**, **Kanika Mohan** and **Mayank Raj** bagged third place in various events at **Gargi College** and **DTU**.

Supermileage sets new Records

Supermileage DTU reached a new level of success at the **Shell Eco Marathon Asia 2017**, held in Singapore in March, by building a vehicle that delivers an astounding **190 miles per gallon (MPG)**.



Chess Team delivers a Splendid Performance

The **DTU Chess Team** led by **Shashwat Kishore**, and consisting of **Avinash Kashyap**, **Avesh Singh**, **Mohit Goswami** and **Shivam Tyagi** secured the **Second position** at **Aparajit'17**: the Annual Sports Festival organised by **Symbiosis Law University**, **Noida**. **Shashwat Kishore**, **Avesh Singh**, **Nitin Lohchab**, **Devasri Lal** and **Kartik Rawat** also secured **Fourth position** in the **DTU Chess Olympiad**, organised under the banner of **Aahvaan'17**.



IEEE-DTU organises Expert Lecture, wins HPSBCP



IEEE DTU in association with **IEEE Delhi Section** organised a distinguished lecture on **Security Challenges and Opportunities for SSN/NFV and 5G Networks** in March. An introductory workshop on **Microcontrollers**, **Microprocessors**, and **Raspberry Pi** was also organised, in association with **APTRON**. **Power and Energy Society**, **IEEE DTU** was awarded the **High Performing Student Branch Award** by **IEEE International**. They have received a cash prize of **\$357**.

SIAM brings Minds and Ideas together



The **DTU Chapter of Society for Industrial and Applied Mathematics (SIAM)** organised its flagship event of the year, the **Annual Symposium**,

as a part of its mathematical fest **Evolute** in March. The two days saw knowledgeable speakers like **Dr. Kumar Bijoy**, **Dr. Chetan Arora**, **Mr. Chirag Ahuja**, **Dr. Anirban Mondal**, **Dr. Niladri Chatterjee** and **Mr. Ankush Singla**.

Enactus DTU advances the dream of Digital India



Enactus DTU conducted the project **Badhaava** which held **Practical Learning Sessions**, in which underprivileged people were given basic training and education in order to make them digitally literate. The sessions were a resounding success. The classes were filled with curious students whose lives surely changed for the better.

IGTS organises Events in DTU and beyond

The **Indian Game Theory Society** of **DTU** organised its first **Techfest - Stratazenith**, in **February**. **IGTS DTU** was also successful in organising events in **IIM Rohtak**, **XLRI Jamshedpur**, **IIT Delhi**, **IIT Kanpur** and **NSIT**.



CASRAE and Red Cross join hands to Save Lives

The **Centre for Advanced Studies and Research** along with the **Indian Red Cross Society** organised a **Blood Donation Camp** within the campus on **30th March**. Organised every semester, the camp saw over **150 donors** coming forward to help save lives.

DelTech MUN organises Events

DelTech MUN & Debating Society hosted the annual **DelTech MUN** on the **28th and 29th** of **January**, alongside a sleight of group discussions, training sessions and open debates such as the **ABC Vivaad**. They also conducted an **Entrance Exam Counselling Session**, called **ALCHEMIST**.



Zaffraan delights DTU's Foodies

Zaffraan - The Food Blogging Society of **DTU** organised **DelTech Chowpatty - The Fun and Food Fest** of **DTU**. With events like **Too Hot To Handle**, **Red Bull Pong Championship**, **Food Hunt** and **Annmaya - Photography Competition**, **DelTech Chowpatty** was well received by all.

ASSETS DTU organises FORTUNE' 17

Accounting Skills and Stock Exchange Training Society, **DTU** organised **FORTUNE' 17** - the annual **Finance and Economic Fiesta** of **DTU**. Competitive events such as **Mock Stock on the Clock**, an interactive stock market simulation, **Quiz Whizz**, a quiz related to **Business**, **Economics**, **Finance** and **Management**, and **Projectile**, a **Case-Study Presentation** competition were conducted. **Mr. Varun Malhotra**, **Director**, **EIFS Pvt. Ltd.** delivered a **Guest Lecture** on when to invest, how to invest

LFT leads the way to Cleanliness

DTU's Leaders For Tomorrow chapter organised a **Mass Cleanathon** in association with **LFT-Delhi**. It contributed to **LFT's Annual Festival** with the event **Date with Development**. **LFT** is currently running the **Campus Ambassador Program** with **Priyamm Garg** as the **Campus Manager**, and several **Campus Ambassadors** working closely with him.





ADITI MAHESHWARI

DTU Times interviewed Aditi Maheshwari, 4th Year, PSCT, who has been accepted to Stanford University, Imperial College London, Carnegie Mellon University, University of Pennsylvania and University of Notre Dame, among others.

How much of a difference does the branch make in the admission process and the number of applicants selected by Universities for further studies?

It depends. If you're in software-related branches like Computer Science or IT, getting selected is certainly tough, because there is a lot of competition in the field itself. Being in demand, there are a large number of students applying for further studies from these branches and the number of seats are limited. Getting admission for niche branches like Material Sciences or Environmental Sciences is relatively easy. In this sense, the branch applied for does matter.

How does one beat the competition offered by Indian students in other prestigious Universities like the IITs?

It is true that the IITians have a higher chance of getting selected due to the brand value attached to their alma mater. However, when it comes to Masters', your university is not really the deciding factor. Two students got into Stanford both this year and last year from our university, including myself, which is proof enough that though it might be difficult, it is not impossible for a non-IITian to be accepted to a prestigious foreign university for further studies.

Tell us about the process of application. What should one start with when applying for foreign universities? What is the ideal timeline for submission?

For applying to foreign universities, you need to appear for the GRE examination by April, need to get your Letters

of Recommendation (LORs) by August, draft out your Statement of Purpose (SOP) by September, and submit them well before the December deadlines.

Now, my timeline was way off! This was mainly because I didn't have a plan and wasn't sure about what I wanted to do. I started thinking about going for Masters' in the winter vacations of my 3rd year. I started studying for GRE in July and gave the examination in September. By December I was able to send out my application to various Universities. I would certainly not recommend the same for any aspirant. If you've decided that you want to go for further studies, you must start preparing for it by January and be done with GRE soon. You should then do considerable research on the Universities and courses you are interested in. Finally, you should send out your applications, ideally by October. There are various Universities which have rolling admissions, so the sooner you send, the better your chances are of getting in.

What is the ideal number of LORs and SOPs a person should have? How many Universities should a person apply to?

Regarding Letters of Recommendation, I feel three is a decent number to have- two from professors and one from your internship. Who the letter is from seldom matters, what really does is the kind of person you are, and the whether you put your best side forward during your project by being polite, punctual and capable of working in a team.

During the process of application, I would recommend applying for 8-10 Universities, arranged in order of probability of selection- around 5 ambitious Universities, 2-3 where there's a moderate chance of getting into, and 1-2 safe candidates.

Throw some light on the economic viability of going or further studies as opposed to taking a job, for an Indian student.

My father always used to say, "Start late but start better". This question is also highly branch-dependent. Being in demand, all software related jobs have an edge over ours, since they come with better pay and growth from the very beginning. For core and exclusive branches, I feel like having a higher

degree is a must, be it Masters' or MBA. I also think that if you're planning to go for further studies, you should proceed with them immediately after graduation, since once you've begun working, there is a break in the academic flow and it's very difficult to go back to 'study mode'. Masters' is not a very big commitment. Also, the return on investment is amazing and you'll be able to repay your education loans in a decent 1-2 years.

How will your life change after university? How do you plan to cope up with the changes and obstacles in your journey ahead?

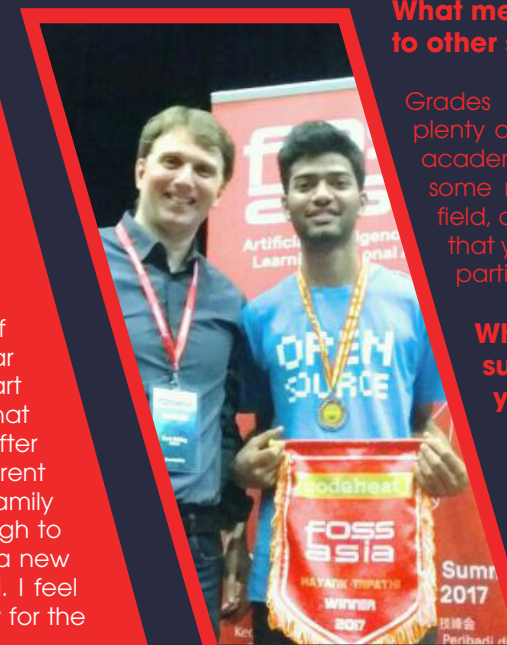
I consider myself someone who has lived these four years of her life to the fullest. The first year was the 'ghissu' phase of my life. I used to study hard and get good grades. Things changed in the second year, as I started working for the council. Third year was all about Flat/PG parties, alongside being a year of responsibility, as I became the Joint Cultural Secretary of the Cultural Council. By the time fourth year started, I had realised it was time to start focussing on my career and that is exactly what I did. I expect my life to change drastically after graduation. I know it's going to be very different and difficult out there on my own, without family and friends, but I feel that I am strong enough to handle such problems and pressures. I feel a new chapter of my life is beginning. I feel good. I feel free. And most importantly, I feel I am ready for the experience!

MAYANK TRIPATHI

DTU Times interviewed Mayank Tripathi, a first-year student of IT, who was selected to be a part of the FOSSASIA 2017 Open Tech Summit. He was the winner of the Code Heat Coding Competition, organised by FOSSASIA

Congratulations on being a part of the FOSSASIA 2017 Open Tech Summit. What was the summit about?

The summit is Asia's leading Open Technology conference for developers, technologists, scientists, entrepreneurs and IT professionals to showcase latest technologies, exchange ideas and collaborate. This year, the event took place in Singapore, and its theme was Artificial Intelligence and Machine learning based Personal Assistants.



How was your experience?

It was my maiden International trip, so the excitement was already high. Unprecedented situations like meeting new people with completely different lifestyles and cultures, navigating my way and trying out the local cuisine were aplenty. The best part of the conference was meeting people from over 28 countries, accumulating so much knowledge about different cultures and customs. It was certainly a wonderful experience.

What got you into programming in the first place? Were you always passionate about it?

Well, I've been programming from my 11th standard as part of the curriculum. Technology has always fascinated me, so I was aiming for a Computer-related subject in a decent institute. I started trying out different stacks and finally settled for Android. More than anything, it's fun to see your code come to life in an application.

What message would you like to give to other students of DTU?

Grades are not everything. There are plenty of opportunities to explore outside academics. I would say try everything for some months before you commit to a field, and keep at it for at least a year, so that you have a solid foundation in that particular field.

What is the secret behind your success in just the first year of your university life?

There is no 'secret', I just love doing what I do. I have been lucky to be a part of DTU, to receive immense support from my teachers and seniors, and I sincerely hope to build on this.

पीयूष मिश्रा

प्रस्तुत है डी.टी.यू. टाइम्स द्वारा किया गया सुप्रसिद्ध रचनाकार एवं अदाकार पीयूष मिश्रा का साक्षात्कार:



क्या आज की युवा पीढ़ी हिन्दी साहित्य से दूर जा रही है? इसमें क्या सुधार करा जा सकता है?

हिन्दी में लेखकों की संख्या कम है। और जो हैं, उन्होंने लेखन में अपनी रुचि को सीमित कर रखा है। और जब तक लेखन में रचनात्मकता है, आपको हर उम्र और तबके में आपको प्रशंसक मिलेंगे। गुलाल जैसी फिल्म का युवाओं द्वारा सराहा जाना, साहित्य का भाषायी बंधनों से ऊपर होना दर्शाता है।

अभिनय, कविता और गायकी में से आप सबसे ज़्यादा क्या पसंद करते हैं?

जिसमें ज्यादा पैसा मिले वही पसंद है! लेकिन अभिनय से मेरा अलग लगाव है। चूंकि जिंदगी भर अभिनय से जुड़ा रहा हूँ, मैं उसके हर पहलू को आजमाना चाहता हूँ।

आपने जीवन में बहुत संघर्ष किया है। आप संघर्ष से उभरने के लिए हमें क्या उपाय देंगे?

महान मुक्केबाज मुहम्मद अली अभ्यास के लिए रोज़ दौड़ लगाते

थे। जब वह थक कर चूर हो जाते थे, कुछ क्षण विश्राम लेकर, पुनः दौड़ आरम्भ करते थे। इस आदत की बदौलत वह बिना थके अपने प्रतिद्वंद्वी पर विजय हासिल कर लेते थे। आप भी जल्द गिर कर उठाना सीख लीजिये, हर बार विजय आपकी होगी।

आपकी रचनात्मकता कहाँ से प्रेरित है?

मैं अपने आसपास उपस्थित हर कलाकार से प्रेरित होता हूँ, खासकर, आजकल के युवा लेखक। हर अच्छा लेखक, हर अच्छा गायक मुझे प्रेरित करता है। हर ऐसी रचना जो दिल को छू जाये, मेरे लिए प्रेरणा बन जाती है।

आज के ज़माने में हमें किसे प्रेरणा मानना चाहिए?

मैं फैज़ और भगत सिंह से बहुत प्रेरित हुआ था, जिनकी झलक मेरी रचनाओं में भी नजर आती है। आप सभी को स्वतंत्र सोच रखनी चाहिए। अपनी जिंदगी आपको अपने बल पर गुजारनी है। आप अपने निर्णय पर भरोसा रखिये और अपने दिल की बात सुनकर देखिये, आप खुद प्रेरणा के स्रोत बन जायेंगे।



PCs Speak Up

-Gursifath Bhasin, 2nd Year, IT ; Shreeya Kedia, 2nd Year, BT

BT (Tanmay Tomar)

The stream offers the perfect platform to pursue your interests and take them to the next level. We are blessed with an extremely supportive faculty, a good infrastructure as well as a sound scope for research.

CE (Sahara Adhikari)

Civil seems to boast of a stable placement season. It is very important to take decisions in black or white. Some subjects like structure and design subjects require time and patience, and hence a one night's study might be inadequate

COE, IT, SE (Ishaan Mudgal, Sanket Kashyap, Aryan)

Being in these branches is sure to give you a sigh of relief when it comes to placements but don't be overwhelmed as there is an intensive competition. The students can boast of the fairly stable placement scenario. An average student with good projects and coding skills can bag a good package. But what's more important than the destination is the journey through Bawanaland.

ECE (Avikrit Waadhwa, Siddharth Khokhar)

In the first year, explore yourself, try out new things which are not only restricted to your branch. Pay close attention to your course. In the third year, sow the seeds of your future. Finalise what you want to pursue. Start building your profile. Companies acknowledge the hard-work invested by ECE Students, and that is when you realise how amazing your branch has been!

EE (Prateek Agarwal)

As the clock strikes 9, when the University sleeps, EE students will awake, classes and completing assignments. Yes, you have a proactive department with strict attendance rules, but when you look back, all these experiences have only helped you grow. When you're finally about to graduate, you aren't just engineers, but survivors!

EEE (Garima Mishra)

When we were filling our branch preferences, people told us 'EEE lelo. Bahut scope hai'. The definition of scope was discovered in these past three years. Opportunities are there. Sadly, EEE students must fight harder to earn them. The amazing part about this branch is that it teaches you to work hard and gives you a sense of self accomplishment once you succeed. Find areas of the electrical or electronics domain that you like. Do good projects. Get in touch with your professors when you need help. Do unconventional things and it any Avenue you try might just work out. It's all about never giving up hope and always trying to find new doors to open.

ENE (Yash Jayant Chahande)

We get to deal with everyday problems like pollution, smog etc. We are blessed with a very supportive faculty and an elite group of seniors, recruited in some of the top companies as well as some of the best institutions.

EP (Pulkit Malhotra)

It is very important to explore yourselves and develop your interests, be it learning analog or digital or coding or even honing your non-technical skills. Well, EP boasts of a plethora of opportunities as well as of a sound list of visiting companies and to look at it, students keen on pursuing Electronics should learn a few subjects by themselves as it comes handy in the placement.

MAE (Aayush Gupta)

The mechanical department seems to be one of the best departments in the university. Although few companies do not open for us, the placement arena is also widening with each passing year. It is important to learn to drop the habit of procrastination and to be consistent in terms of attendance and grades.

MCE (Anmol Gahlawat)

Simple reasons to choose MCE: An amalgamation of Mathematics, Economics and Software Engineering. MCE gives you an opportunity to choose among various career options like finance, mathematics, software engineering and so on. Whatever you learn in the 4 years of MCE turns out useful in the future as well. As an MCE student, I have had a roller coaster ride all along. It's been hectic, as MCE needs investment and constantly drives you to work your way out.

ME (Saket Sourav, Uday Rathi, Mohammad Laraib Afroz)

Well, if we look at the plus points, we are blessed with an extremely talented and helpful faculty, have opportunities for tons of research, a fairly good scope as far as higher studies and jobs are concerned and relatively basic and easy concepts. For all the juniors, be careful about the minor and major projects that you select and understand that there are a lot of open doors, be it GATE, IES, PSUs or even MS.

PCT (Saksham Gulati)

If you plan well, you will have the scope to incorporate a lot of extra curricular activities in PCT. Initially I found the syllabus to be unchallenging and the dilemma of placements always looms, but I realised overtime that it is important to develop your overall personality.



RAUNAK KAPUR

DTU Times interviewed Raunak Kapur, a second-year student of EEE, who was a part of Junior Eco Engineering Academy, hosted by Samsung Engineering at their Global Headquarters in Seoul, South Korea.

What did the Junior Eco-Engineering Academy you attended involve?

The Junior Eco-Engineering Academy was hosted by Samsung Engineering at their Global Headquarters in Seoul, South Korea. The six-day event included expert lectures, workshops, presentations and discussions on sustainable development, energies of the future and a variety of other activities in order to advance awareness on the role and commitment to energy efficiency, conservation, and impact on the environment, followed by excursions for cultural experience in and around Seoul.

What was your role in the scheme of events?

As Facilitator, I was involved in leading the discussions and workshops, in cooperation with Samsung's Eco-generation Team. It was a two-day conference held at the Samsung Global Headquarters, the largest Samsung HQ, where we got an opportunity to listen to renowned professors of one of the top 10 universities of Asia, Seoul National University and talk about our research with them.

How were you shortlisted for the programme?

Samsung opened a worldwide call for applications in September last year. One had to fill in the Application and submit it along with one's Curriculum Vitae and an essay on the given topic. Applicants were first shortlisted on the basis of their essays, graded by a team of academicians. The finalists were decided on the basis of a telephonic interview conducted by the Samsung Team.

Any final words you'd like to share?

I would like to thank Samsung for fully sponsoring my trip to South Korea and for giving me a platform to learn about the advancements in technology pertinent to the environment. South Korea is a beautiful country and the capital offers a myriad of attractions. One must visit it, if given the opportunity.



DTU Times interviewed 'Above the Shadows'- DTU's very own Urdu Fusion Rock Band.

What does the name of the band mean? How did you decide upon it?

To be honest, we didn't really put much thought in the name. What's in a name, right? Once you have your thing going, your name seems hip enough.

What is the craziest experience you have shared as a band?

We were supposed to play at EngiFest'16. We had two new songs written for it and were jamming 24/7. We were supposed to open for Lagori, so we went backstage before our performance. Suddenly, we were informed that our band would be closing Lagori instead. So, after Lagori finished their set, we started walking up to the stage. Lagori even wished us good luck and told us that they would stay for our performance! As soon as we started unpacking our stuff, the sound guy comes and starts shutting down the whole place. Long story short, we were on-stage for about 30 seconds before we were told to get down.

What is your songwriting and music writing process? How do you add your own uniqueness to the genre?

First of all, you can't be like I'm feeling happy, let's write a

song. When the inspiration strikes, be it 3 in the morning, I'll start writing. Our songs are an amalgamation of Urdu Poetry and Alternative/Progressive Rock, and that's our USP. Radiohead, Genesis, Steven Wilson, Indian Ocean amongst others have served as inspiration.

Tell us about the greatest achievements you've had as a band.

I guess the biggest thing that happened to us was getting to play at the New Wave Asia Musicfest at AntiSocial, HKV in December. It was a crazy experience.

What are your plans for the future? Do you think you're all in for a long-term commitment?

We have an EP out already, 'Saaye Ki Panaah', with 7 original tracks. We shot a music video in the university as well for the title track. We do plan to go to a studio to record a full-length album. We do this for the love of music but let's be honest, you have to feed your stomach at the end of the day and it's really difficult to make it as a musician here. We haven't put a lot of thought into the future, but that hasn't stopped us yet. We're still doing our thing and will hopefully continue to do so.



ABOVE THE SHADOWS



Dr. Durga Das Agrawal and Mr. Shiv Das Agrawal



Dr. Durga Agrawal, President, CEO, Piping Technology & Products, Inc.; Member, India Cultural Community and Industry Trade Advisory Committee (ITAC, U.S. Dept. of Commerce/USTR).

Sir, what was your journey to DCE like?

I came here in 1962 from a small village. We had no high school there, no water, no railroads, nothing. For high school I had to travel 21 kilometres away, and stay in a hostel. I then came to DCE – I was the very first roll number to be enrolled! The transition from a Hindi Medium School to an English Medium College proved to be very daunting in the beginning.

How has the journey been after DCE?

In 1968, I went to study in the USA, fully equipped for any sort of career be it in the industry or research sector – all thanks to the rigorous curriculum of DCE. From Mathematics to Machine Design, DCE had prepared me for it all.

I currently live in Texas, which I daresay is a wonderful state with very friendly people. I received my Master's degree in 1969, and my Ph.D. in 1974. I had a part-time job, and continued to work and study. I've had a wonderful time in the States, and the Americans are a very nice sort.

How significant is the difference between working in India and USA?

I've visited companies like GE and Infosys here in India, and while the work culture is quite different, what I have noticed that there are no work ethics, and no morality here in the Indian workplace.

What is the difference between US and India in terms of education system?

US schools place a large emphasis on Extracurricular Activities be it writing, music or so on. Theirs is a system which is much better than the one in India – and of course, the crème of the crowd, the very best of Indian students end up going to USA for further studies! There are universities in the USA which are more rigorous than the ones in India and prepare the students better. Indian kids are more all-rounded now than what we were back then, though.

When my son was accepted at Rice University, the Dean made a comment which I'd like to share – "Engineering is the best liberal arts education one can have today. Engineers are creative – if we create a device on paper which will be converted to steel, three different Engineers will give three different versions!"

Parting message for our students?

With hard work and determination, one can always succeed. Don't give up, don't let people beat you around and say you can't do it. I also believe acquiring knowledge is not enough, we need to make things happen. You're not the lazy sort, as proven by your admission to DTU, which is a challenge in itself. You are in the top 5-10% of people who are the go-getters, with the ability to make a lasting impact on society.

Mr. Shiv Das Agrawal, Chairman, Passive Infra. Projects Pvt. Ltd.

Sir a brief introduction about yourself? How did you come to DCE?

After completing my Pre-engineering, I was faced with the choice of going to DCE or DIT (now NSIT), as do many in your generation I suppose. My parents were adamant that my younger brother and I must study together, or return home at once. Hence, both of us landed in DCE.

How was the experience of studying together with your brother?

We lived together in the hostel and graduated together. Durga was the better student, though, with higher percentages in exams.

How did you get onto your entrepreneurial journey?

I learnt the value of running a business from my family, my father's shop. Even my mother was an entrepreneur; she would run the shop in dad's absence. She would get neighbourhood ladies to work - she was illiterate, but still held her ground and knew her way around. My father had studied till the fourth grade and my mother none at all, but they did value education and send us from village to high school and further on to DCE.

“Every Ending Has A New
Beginning.”

Class of
2017



Recounting DTU in Numbers



times you hugged your classmates for one last time
words left unwritten/unsaid on Scribble day experiences

-Pallavi Samaiya, 3rd Year, PSCT
-Siddhant Patra, 2nd Year, CE
-Vishesh Kashyap, 1st Year, ME

68 pre-exam all-nighters pulled

1368 answer sheets filled

88 calls to the ghissu for notes before the exam

80 Plates of Maggi
42 pending treats

40 hours spent (unsuccessfully) developing the perfect ED sheet



666 pleas for notes at the Xerox Shop

4,09,64,251 Mb of data downloaded over DTU WiFi



35 TV Series completed
1,200 Gramin Seva rides
0 supplementary sheets taken

16 editions of DTU Times, that captured University life

ONE UNIVERSITY

20 times reading room was actually used for reading

38 society orientations attended

BLAH BLAH

15 societies joined (and left)
68 library tokens lost



11,84,54,400 seconds of University life



1001 self-assurances given, that you'd be a good engineer

100 requests made to reduce syllabus



101 times the DTU Jersey made you feel proud

55 times you used your friend as your pick-n-drop



27 library books forgotten to reissue

605 Hours spent in lazy banter at OAT lawns



2,000 times you had to clarify it's DTU, not DCE

436 mid-lecture power naps

7 monkey sneak attacks

53 hostel attempts



468 night late Mini Militia/COD/CS matches

8 Times a year, working fountains witnessed

3,000 times you had to clarify it's Technological, not Technical

13 times short note questions saved you from backs

127 hours spent at wind point



15 brisk walks by DTU Lake

GUIDING LIGHT

-Shashank Shekhar Jha, 1st Year, ECE
-Vishesh Kashyap, 1st Year, ME

December 23, 2016
1:20 A.M.

He was sweating. He couldn't sleep. He was worried. So was I.

We don't talk much. Mostly he shares with his mum. And I never really tried to change the unspoken rules of our orthodox society. But you learn from your mistakes. I went to his room. He was trembling. I hugged him. I tucked him in my arms as he fell back in disarray.

His result?

It's irrelevant. What's relevant is he is mentally and physically sound.

Although a parent's role in their children's learning evolves as they grow, one thing remains constant—we are their learning models. Our attitudes about education can inspire theirs and show them how to take charge of their own journey.

I still remember the day he was to shift to the hostel. We packed his belongings, dropped him to university and bid adieu. Throughout the drive, the thought of him being lonely had flustered me. But it was his life and his demons.

The first few days were inevitably difficult for all of us. Twice-a-day phone calls, enquiring about every small detail of the hostel room, learning the hostel mess menu by heart, the works. Back home, a gaping void cried out to be filled, to no avail. Our only respite would be his weekend visits and enthusiastic briefs on how cool university was, how cool hostel life was.

Before long, the twice-a-day phone calls turned twice-a-week, while the weekly visits turned monthly. The sorrow of longing was soon replaced by the joy of the realisation that our boy was enjoying his newfound freedom. It was perhaps time we let go off the reins, and not a minute too soon. It was his turn to mould his life.



Yesterday, he returned after a long post-exam vacation with his friends, oddly dejected. Sorrow soon turned to anger and anger to grief as he blamed us, then himself for a disappointing exam cycle.

And now as he spends the first of many sleepless nights university will give him, it is perhaps my time to evolve from my role as a disciplinarian father to an amicable friend, even as I remain, forever, his guide and mentor.

THE ULTIMATE UNIVERSITY BUCKETLIST

-Sneha Roy, COE, 3rd Year
-Raunak Kapur, EEE, 2nd Year

Apart from providing a platform for a great academic learning experience, our University journey also creates a variety of fun filled memories for us to cherish. With only a few weeks left before our seniors become the alumni of DTU; go through this checklist and make sure that you have experienced all things a DTUite identifies with.

- Dared to venture through the haunted lane all alone at night.
- Eaten food on a friend's account at night C.
- Successfully extended your festive break.
- Played a sport on the terrace of TnP.
- Woken up at 8:50 for a 9:00 AM class, managed to get attendance.
- Broken Maggie baba's cup and faced the brunt.
- Played a wild Holi after the even semester mid sem exams.
- Gone on a trip with friends.
- Convinced a teacher to give you extra marks.
- Survived the dreaded mid sem weeks on Redbull and coffee. Lots of it.
- Actually made an assignment on your own.
- Hung out at Elec C and the old juice corner which had the roll bhaiya. (Shout out to the third and fourth years)
- Been a part of organising a fest in university.
- Lived in sweatpants all winter.
- Pretended to do important work wearing formals.
- Participated in the infamous treasure hunt in first year.
- Have had your phone blast an embarrassing ringtone in the middle of a lecture.
- Asked someone out to prom.
- Been a part of the University sports team.
- Witnessed a flash mob in Mech C, dance by the Dance Society or a Nukkad Natak by Pratibimb.
- Spent the entire day at Amul or Nescafe with your buddies.
- Gone to the rooftops of buildings to hang banners.
- Sat at PR desks and done C2Cs.
- Lost your voice while screaming in a concert.
- Boasted about your campus and DTU to your friends and family.

IN RETROSPECT

UTD

-Shivam Jha, 1st Year, MAE

I remember, I was sitting on my couch, smiling with my eyes fixated at the centre of the wall, gazing at a framed piece of paper that read "...Bachelor of Technology...Delhi Technological University..." and it so perfectly adorned the ambience that I walked up to the wall and took it down.

I remember, partying my heart out and flushing my brain in with subjects that held no more relevance in my life. I felt the abrupt shift in disposition from amusive to tense as I hopped in the last exam of my life, taking my sheet from the teacher.

I remember, my psyche lighting up with elation as I heard the phrase, 'You've been selected' followed by an hour long one-on-four discussion on 'Why should we choose you?'

I remember, how my eating and sleeping and studying routines gradually improved. I used to get into bed at 1pm and wake up at 5am feeling drowsier everyday, after a midnight masala maggi and scouring the campus with endless causerie.

How I spewed the coffee back into the nescafe cup, purged the mess food back into the plate, which I loathed yet loved, fixed all the broken apparatus in labs where my mindfulness always fades gently just before my turn for viva.

I remember, the canteens, the classes, the practicals, the OAT, the lake and how I slowly became unfamiliar with the things I used to see everyday to the point I kept forgetting my way to the main gate.

I remember, tracing my footsteps backwards into a place in the middle of Bawanaland and I wondered, 'Would I call this place home, through the next four years?'

THE END OF THE BEGINNING

-Devank Tyagi, 3rd Year, COE

-Sneha Roy, 3rd Year, COE

I sit here, staring at a smooth white expanse of pixelated images and text, one that acts as a canvas for the thoughts and emotions I try hard to rein in, but I see that I'm about to lose this struggle.

My eyes then fall upon a rose lying on the hostel room floor - a memory of another past love - and its thorns poke through my mental defenses, tangling themselves in a stray thought.

The past, my mind tells me, is a bunch of roses - you hold on to them, tighter and tighter, not letting them go, even though you know that you need to. And when you're forced to let go, the thorns that were embedded in you on holding them will cause pain, pain that will be almost unbearable.

Unbearable, because you'll lose the roses.

And my thoughts slip.

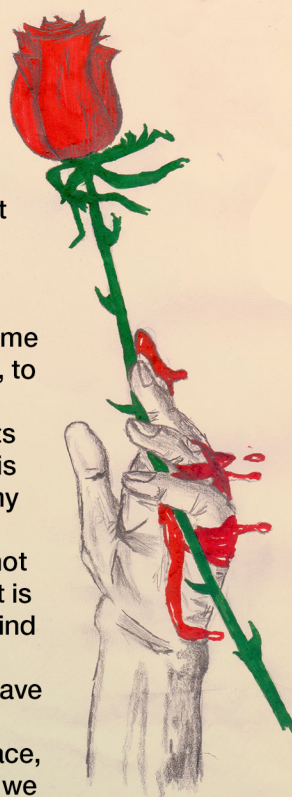
"Here we are after 4 years of it, 4 years of contumelious slander of its drudgeries, 4 years of name calling and borderline aggression, 4 years of project work and exams... 4 years of complete labour, to say the least.

Yet, as we stare at the end of this ostensibly difficult period, there runs a pulse, inexplicable in its composition. Marked by nostalgia and an enchanted sense of loss. As we draw to the end of this voyage, there is something that unites us in a common grief, that of leaving the ship and the stormy sea. Barely a few moments are left in this abode of countless memories and experiences.

Here we are, leaving behind the institution that we've been in 'since forever and a half'. We do not know what awaits us, a fine line traverses the border between uncertainty and opportunity. But that is not what bothers us, the cause of our agitation is not where we're headed, but what we leave behind in the process.

We are in a flux, a flurry of emotional goodbyes, a storm of tears will rage and a ton of promises have been made, as we bid adieu to something that transcends everything we have ever experienced.

And after several years perhaps, as one of us drives by here, there shall be a faint smile on the face, the result of a reminiscent union, of an experience, indescribable. The wanton nostalgia that we experience then will be special, cherishable, tangible."



An Open Letter from DTU Gate

-Kripi Badonia, 1st Year, IT

-Siddhant Patra, 2nd Year, CE

You will never find my mentions in the pages of DTU's history, even when I have been its most consistent witness. I have seen it all - the name changes and the culture changes, the growth of life, personalities and careers of many like you and the myriad of emotions that adorned your university life.

You probably don't know, but I remember the first day you set foot in this university very well. Eyes glistening in anticipation of what the future holds and vibrant swing of the arms to makeup for the two years they've spent filling up copies and notes.

Months faded away between classes, the society orientations that never happened and exams that always came at wrong times and before you knew it, you were done with your first year.

You thought I didn't notice the tears in your eyes as you went back home after fighting with people that mattered over matters that did not. But it was second year, and you just wanted to carve a niche in the world.

Third year was crazy, wasn't it? I saw you running haywire over the internships, making up for lost time and classes.

First day of fourth year, did you walk in with a heavy heart, or did mine get heavy on seeing you on your last first day here? There was a swivel in your saunter the day you got placed, and I know that you didn't notice but there were tears in my eyes. You'd grown between all those minors and majors, fests and placements. On the first day you came, there was so much I'd planned to tell you on the day you left, but now when I see you, standing tall, chin high and ready to take on the world, I realise you already know it all.

So just know this one thing, no matter where you are, no matter where you go, my heart will always be open to welcome you home.

Love,
DTU Gate.

Give It A Whirl?

-Shubhi Sareen, 2nd Year, COE

As time went by in the blink of an eye,
And the endless conversations transformed into
silent sighs,

My eyes were drenched in crystal pearls,
For it was strenuous to give it a whirl
to a world which constantly defied your existence.
And reminded me the void of your absence!

They say we completed each other,
Little did they know how we used to discover
something new, something extraordinary
every day in lives which were perfectly ordinary,
Your endearment for glitter and sparkles
made you akin to fairies and angels,
Who knew you were soon going to be one?
Your absence can't be undone, sure this world
deserved none
of your piousness and benevolence,
It was too naive to comprehend your elegance

Farewell, my dear friend, my confidante,
For a short duration, you fulfilled my want
of happiness, of joy, of pleasure
This final departure marked the end of all leisure,
Twenty years have passed since then,
And your memories never stopped playing over and
over again!

And as my eyes are still drenched in crystal pearls,
It is still strenuous to give it a whirl
to a world which constantly defies your existence.
And reminds me the void of your absence!

ONE LAST TIME

4:59 P.M.

-Chaitanya Sethi, 3rd Year, COE

As the professor ticked the last name in the attendance register and proceeded to leave the classroom, he turned around suddenly, as if to say something, but decided better of it. He just gave us a huge smile and left. I was bemused by this occurrence, I wondered what he could have said, for it was the last lecture that he had delivered to us. Henceforth, we'd only come to give our examinations.

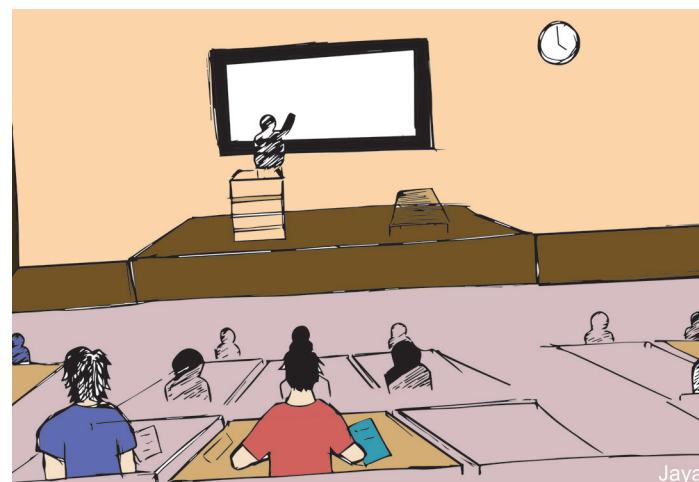
Suddenly, the gravity of the realization hit me. I shall no longer sit in my prized seat, 5th row, extreme right. Close enough to read what was written, far enough to avoid answering questions raised within the lecture. No longer shall I observe the myriad expressions from my vantage point. Expressions ranging from complete attention to absolute disinterest, from raised eyes to drooped eyelids, from nodding heads to necks dozing off at bizarre angles.

No longer would I come running breathlessly at 9:20 and sheepishly enter, nor would I stealthily sneak out and lounge at Mic Mac, I won't start a graffiti fight in my neighbour's notebook, I won't tag my friends in Facebook memes whilst the lecture was going on. I won't borrow pens I would never return, I wouldn't embarrass my friends by clicking their pictures when they'd fall asleep. I won't pass the tiffins around sneakily, I won't gossip with my friend about that classmate who was always late.

As I looked around myself, I saw faces that I'd been seeing for the last 4 years. Yet, today was when I really tried to engrave everyone in my mind. They had already engraved themselves on my heart a long time ago. We had been a family throughout. We'd miss classes, go out for spontaneous lunches, sit around at the OAT and talk, share notes and circulate copies of that one girl who would attend every lecture religiously. We'd collectively curse when exams had us at our

grown over me. I can't even recall the point when I fell in love with it. I looked around the classroom, taking in every broken tile, every flickering tube, the duster that never rubbed, the projector we never used. I stared at the last bit of sentence I had written in my notebook. It was the end of an era.

Life had come full circle yet again. I was leaving as the senior most batch of the University, to enter an organisation where I'd be the youngest. For all the cribbing I did



wit's end, we'd laugh and jump when one of us got the job he always wanted. We'd lounge in each other's hostel rooms and binge TV shows, we'd console each other when something went wrong. Collectively, we had been through thick and thin.

I cannot articulate how much this place has

about having to attend lectures, I couldn't get myself to leave the room this time around. All my classmates had left by then. I was alone in the room. I was overwhelmed with emotion. I uttered a small 'Thank You' to the room, shut the lights and fans and went outside smiling, like I had never smiled before.

The Last Walk

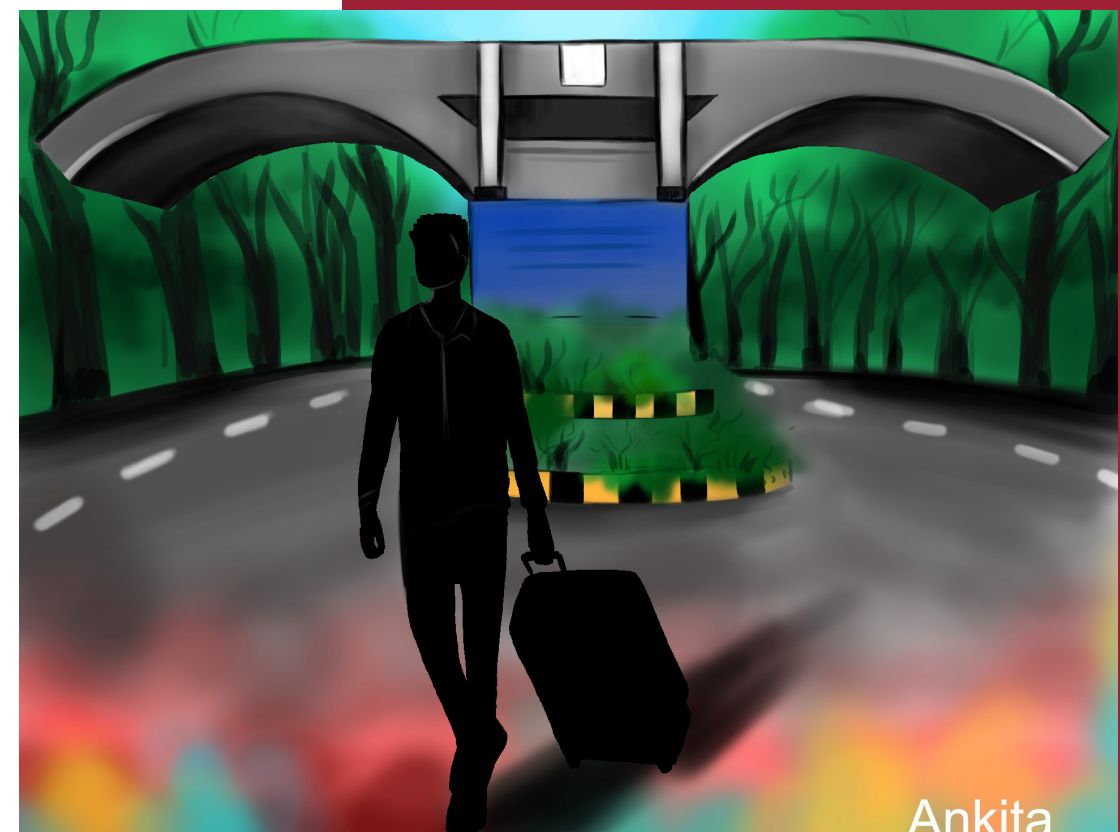
Garima Mishra, 4th Year, EEE
Siddhant Patra, 2nd Year, CE
Pratyush Thakur, 1st Year, COE

Nostalgia hits you in distinct waves during your last semester. You begin to see how beautiful the campus is, relish it when you're scolded by teachers and lab assistants and feel scared of the moment when you'd have to complete the daunting task of packing and leaving the campus with your luggage. That's exactly how Amir felt too as his eyes scanned his hostel room, probably for the last time. This room bore witness to all his shenanigans, the late night gaming sessions, the impromptu parties, random life lessons from his best friends, sleepovers that resulted in hangovers-this room had seen it all. Even the almirah with its crooked handle and squeaky door would be missed for its stashing capacity.

He stepped out of his room and realised that this was the last time he'd eat in the mess. For years he used to complain about the food - he thought nostalgia might just make food taste better but some things never change.

During these last few days he was often found lurking everywhere on campus, he felt a reverence for each of the spots that he used to frequent. Mech-C, Amul, Night-C, the OAT, all of these spots held so many memories of the years gone by that he was lost for a moment in the silence. He could almost see the moments he shared with DTU flashing in front of his eyes. TnP reminded him of all those endless hours of struggles which ended with a not-so-voluntary splash in the TnP pool.

He then collected his baggage, stepped out of the massive gate, and had an epiphany. The university that had harboured and nurtured him all these years, which was like a second home would soon be left behind for a new journey. He felt a little scared for the life ahead, but the cries of Badli! Badli! Badli! brought him back to the usual humdrum of life and he just smiled, took one last glance, and walked on.



Ankita

Contemplative Musings

Adulthood

-Shikha Dahiya, 2nd Year, COE

8:07 AM: “Go off to sleep, have some rest ...”

The voice hypnotised me to sleep instantly. That was the deepest and the soundest sleep I had had in years.

It was completely dark when I saw flickers of light appear before my eyes. I opened my eyes to see my mother’s face, smiling at me with teary eyes. She looked so young, so beautiful. I gripped her fingers tightly with my tiny hands, hoping death wouldn’t tear us apart and she won’t leave this way. She sung a lullaby to me and put me to sleep.

Time seemed to be moving too fast, I was growing up too fast. I entered my room, picked up my luggage and left for the trip with my friends. Another item was checked off the university bucket list. Sleeping under the starry sky was all the 18 year old wanderer could have wished for.

When I came back home, a 22 year old now, I had the envelope in my hands, with my dreams enclosed in it. My mom and dad were proud of me.

I had visions, a lot many of them. I was nervous yet excited while moving to a new city. I was learning to be a grown up without sacrificing the child in me. Coping up with adulthood wasn’t easy, I was learning to survive with three mental breakdowns each week. I couldn’t go running back to mom and dad every time I was hurt anymore. Earning my own money was liberating, learning to do the taxes however was not. Not knowing the right thing to do, I was terribly scared. I gave my shots at life, at times it fired back. No matter how hard I tried, the sea waves took away pieces of the sand castle I had built over years each time.

I learnt that life brings you down to hell from your heaven, and after tearing you down for long enough, miraculously takes you up to the stars. Nothing is certain – neither your life nor the people. Nothing and no one was going to last

forever. Nothing was supposed to be taken for granted.

I revisited each page of the 68 years my life, which was reopened in still pictures of all the million memories in my dream.

8:13 AM: “Go off to sleep, have some rest... you’ve done it all. It’s time to go” The voice echoed in my head. I knew it was time. A tear of joy, of life, of all the million memories came down my cheek as I smiled away for the final time.

Pygmalion

That’s it, I’ve just opened my eyes,
I don’t know where I’m going or where I am.
But everyone wants to be here,
Somewhere in life I’ll take my first step.
But only my soul has access,
And I know that I’ve none of its abscesses.

I take off and graze the ground,
Where my paws are stuck, a soul knows absence.
All dead, sick of living, drunk
On thoughts of nuance, on art with meaning.
I don’t know which foot to dance on,
So I set off, non-stop, late as always, here I run.
I continue, on the metro
My neurons whirring, brushing with content.
I don’t need an audience,
Nor afraid of death, I live in fear of oblivion.
Unlucky, I don’t think of the jackpot
I’ll earn a ton, with my bad luck, here I run.

But it’s stranger than me,
Anyways always elsewhere, I am getting nowhere.

Thoughts race, overtake themselves,
Over the moon, gone fishing, I flee and hide.
You see now why I’d like to be a lion,
or a pig, or a man with no remorse, or just be gone.

-Ritwik Saha, 2nd Year, SE
-Rohan Mishra, 2nd Year, SE

WHY MUST EVERYTHING END?

Life is about change. The ephemeral nature of every situation, every possession of yours and every sentiment that accompanies those two things defines life. Welcoming a fresh start at life or bidding a painful farewell to an old one is life.

These changes can be noticed in the most mundane things. It is in the fact that you’re no longer dependent on Maggi baba for your midnight supply of a hot meal or in the fact that you’re beginning to accept the harsh realities of life in a way you never deemed possible. Your inertial attitude towards change will envelope you in profound sadness, overwhelming heartaches and a pandemonium of incomprehensible emotions. Your rationalizations of why it’s time to let go of a relationship or a life goal that just doesn’t fit anymore will only get you so far. The waves of grief will come and go in phases. At one point, you’ll want to leave the prospect of a future for the sake of living in the moment. And then your rationality will take over and help you in this phase of transition.

The farewell that’s on its way is a reminder of your growth as an individual and your ability to adapt to what life throws at you. For the sake of progress and betterment, no element of life is permanent. And this is why everything must end.

-Shruti, 2nd Year, EE

WE DON’T LIE

Even in inclusive societies such as ours, certain communities are regularly confronted with prejudice from unsocial elements within. The following poem encourages all those who’ve ever suffered social inequity, to stay strong, for there are better days to come.

There is a dead silence in the air,
You may have experienced the chill.

Yes, it is completely unfair
Stories of your culture and traditions that they try to kill.

I know the problems, the
discrimination that you face.

The ignorant jokes and
names, the false delusion you take.

The comments about your
features,

The different treatment by
the false preachers.

So ignorant, it actually
hurts like a shard.

But don’t listen to them,
you’re one of the nation,
And I know such pressure
leads to an obscure explosion.

But hang on there!
You hang on there.

You are sterling and the air of your lands is purer.
The traditions are a sight to witness, grandiose and pristine.

Now I know, how you in spite of all the darkness, always
shine bright.

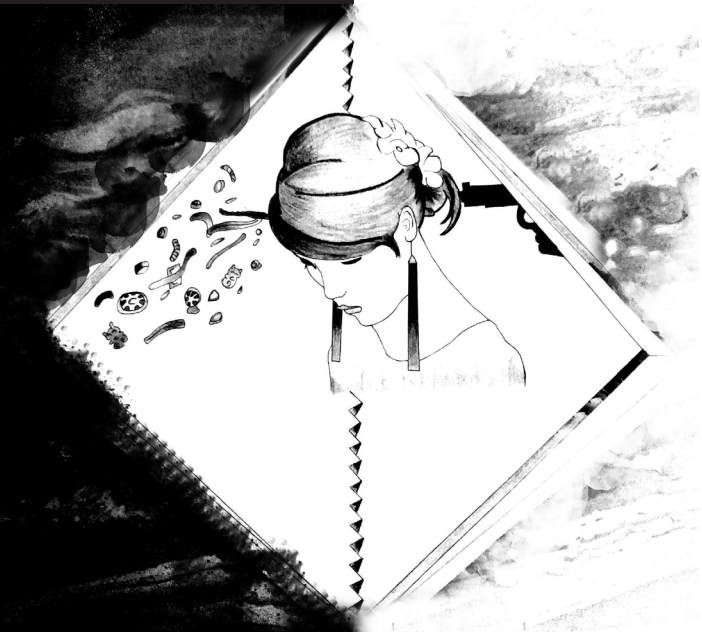
Taking large strides everywhere with a smile as if a
beam of light.

People are starting to realise,
That you are one of them.

And maturity will eventually triumph and everyone will
rejoice.

But till that moment arrives, you just hang on.
You hang on there

-Amit Dogra, 2nd Year, COE
-Pratyush Thakur, 1st Year, COE



Missing Out

-Pratyush Thakur, 1st Year, COE
-Vishesh Kashyap, 1st Year, ME

As I reach an end to this journey of four years in university, I wonder, what am I going to miss? My university presents me with an unprecedented Fear of Missing Out. No more waking up to see “No classes today!” messages on the class group. No more arguing with the ghissus and agreeing with the prettiest girl in class on WhatsApp. Heck! The fear of missing out on Engifest! No surprise parties at Mech-C. No chai with maggi, delivered with the most descriptive vocabulary by the legendary Maggi Baba.

Missing out on being a day scholar, yet staying back merely for fun. Missing out on the disastrous Midsems and the Endsem redemption. Missing out on never understanding a word of the subject, yet scraping through somehow. Missing out on feeling as triumphant after the exam, and as dejected when papers are distributed (and vice-versa!).



Divyanshu

The late-night walks to Night-C. The mistakenly ordered Plain Maggi. Pitting canteen versus canteen just for the fun of it! The Sports’ Complex that never was. The pups, the monkeys, the peacocks! The hostel sneak-ins during Engifest with useful hosteller friends. The pre-exam all-nighters (that yielded nothing). The post exam parties (and post-party regret). There’s nothing I can afford to miss out on!

Had I ever envisaged such a day would come, no preparation would have been enough. And now that it dawns upon me that the one place that has become my life will soon cease to be a part of it, the many fears I have faced in the course of my life seems nothing when compared to this fear which makes my heart beat so much faster.

This amazing time they call University Life, these amazing, yet anxious days that’ll never come back, yes, I have a Fear of Missing Out on.



6 THINGS ONE SHOULD NOT DO IN DTU

- Yatharth Rana, Student Head

1. Living a hostel life: Don’t be a hosteller in DTU. Don’t even try. Those long campus- exploring late night walks in first year, those perennial mess food rants, those last night exam mayhems and those early morning class room runs. This illusion of an easy life will spoil you forever.

2. Hanging out at hot-spots: MechC menu is the biggest thrill in year 1. Then those long afternoons under Amul become a norm in second year before NightC comes into life in year. The final year still somehow manages to end around Nescafe. Somewhere between, one forgets what life without them is about. They’re addictive. Stay away.

3. Attending the college fests: Arguably the most not-to-be-done in the list. Somewhere between the excitement of events in the first fest and lazy pleasure of the last fest just being there, 4 years just flow by. Before you reminisce how 4 fests came and disappeared, you’ve already lost little parts of your heart to each one of those.

4. Working for college teams and societies: From buying through the society adverts in year 1, making lifelong friends, forming teams, leading projects, managing people and finally handling the teams themselves, college teams and societies leave you unfit for the corporate! The honesty in the work, almost meaningless incentive to

Bidding Goodbye,
Yatharth Rana,
Student Head.

bring a change and seeing things happen, no corporate comes close!

5. Sitting for placements: TnP is a dark place. The happiness of friends’ selections, panic of the interviews, tears of rejections, disbelief of selections, frustration of having to wait in formals on long summer afternoons- TnP life hits you like a flood and perishes like a dream. You just look back at feel it, hoping to live it again all over.

6. Making lifelong friends: Finally, don’t make best friends in college. The whole journey-doing assignments and making sheets together, doing projects, whiling away those late evenings, doing many “firsts” together, the fests, the birthdays, the placements, the happiness- saying goodbye isn’t tough. It’s impossible. Looking back, DTU wasn’t a journey. It became a way of life. How it managed to induce some common and some strangely uncommon emotions amongst everyone over the course, is a mystery. But what isn’t a mystery is the fact this 160-acre space in Bawana will leave you with 160 million lifelong memories!



DTU, JUST DTU

- Garima Mishra, Student Head

“For men may come and men may go,
But I go on forever.” - *The Brook* by Alfred Lord Tennyson

This is a dedication to walls; walls that make the campus of DTU what it is. They form the academic building and the different blocks that stand tall as students struggle inside with their notes and laboratory apparatus. Some try to find Newton’s rings to no avail while others try not to short circuit transformers and Variacs. These walls have protected us these past few years and been a constant companion when we felt happy or sad. In times of need, providing a hiding spot and when required, giving us a stage to walk on. The TnP, MechC, NightC, you name it and the walls smile a little somewhere, knowing these are all its parts, like organs to a body.

University has kept us safe but also readied us for what lies ahead. Here we’ve had our hearts broken, felt rejected,

had our calibre doubted and some of us have even had our small stints with depression but we’re here now, almost at the end of this journey.

It is a big deal for us because we’ll only experience this once. But these walls? These walls ready themselves to welcome another batch of clueless wide eyed engineers. Another set of third years are entering into the crazy world of entrance exams, placements and admissions. These walls have seen all sorts of transitions but stayed the same. As I ready myself to bid my goodbye to them, I know they have given me moments to cherish for years to come. And the walls smile as I pack my bags and wish me luck; the silent observers that feel smug knowing their memory will linger in my heart forever, “*For men may come and men may go, but... these walls will stand tall for ever*” – a nostalgic DTUite.

UNEXPRESSED EMOTIONS

REMEMBER ME...

-Namya Bajaj, Editor-in-Chief
-Shashwat Kishore, Student Coordinator

डी.टी.यू. ने हमें मुस्कराहटें ऐसी दी, जिन्होंने गम को खुशी बना दिया
डी.टी.यू. ने हमें दोस्त ऐसे दिए, जिन्होंने तन्हाई को तनहा बना दिया
डी.टी.यू. ने हमें यादें ऐसी दीं, जिन्होंने ज़िन्दगी को ज़िन्दगी बना दिया
और अब जा रहे हैं, तो डी.टी.यू. ने आँसू ऐसे दिए, जिन्होंने आँखों को धुंधला बना दिया |

Dear Class of 2017,

Remember me as the place that gave you a thousand memories
A place that gave you tears, peers and the best years
A place that helped you grow
Remember me, will you?

It's that time of the year again when I, DTU, proudly witness my young guns taking on the world. This year, it is time to bid farewell to the CLASS OF 2017. I vividly recall the year 2013 when you all entered the Convocation Hall for your admission counselling rounds with a glimmer of hope in your eyes. It still lies fresh in my concrete memory. You all were going through muddled emotions of excitement, apprehension and fear, right? I hope I have lived up to your expectations and given you a million reasons to smile. These four years have been much of a roller coaster ride that made you experience every emotion; stress during exams and fun during the fests.

किसी ने सही ही कहा है;
डी.टी.यू. अलग ही आज़माइश लेती है,
यहाँ घुसना एक फरमाइश होती है,
यहाँ पढ़ना एक रंजिश होती है,

Through the ears of my classroom walls (deewaron ke bhi kaan hote hain is not a myth!) and my various other khabris scattered all across the campus like the trees at Amul, MechC walls, OAT, Mic Mac and the coffee machine at Nescafe have heard all your gossips and issues.

I have heard you students plan various road trips with each other. I enjoyed the stories of the successfully implemented trips but could not turn a deaf ear to the disappointment of the failed ones; no problem guys, there's always a next time! I have been a part of all your birthday celebrations for the past four years. Although I'm not sure if you guys heard me sing "Happy Birthday" for you. Btw, thanks for the cake that you accidentally drop on my benches while rubbing it on each other's faces.

Time flies, right? It was only yesterday when you all struggled too much to complete your Physics practical files or ED sheets. And today, we stand at the end of these four wonderful years. You have entered into the series of the "THE LAST EVERYTHING"

Is it time to say goodbye?

No. NOT AT ALL! It's time for some long distance in our love but never a break up. (Wink)

ये जज्बात इन पंक्तियों से बयां होते हैं

डी.टी.यू. न जाने कैसी अजीब जगह है
जब यहाँ आओ तो आने से डर लगता है
और जब यहाँ से जाओ तो जाने से डर लगता है |
डी.टी.यू. के मेरे साथियों, दूर जाना तो मुझे भी है और दूर जाना तुम्हें भी है,
पर जान लो की मेरी नज़रें हमेशा तुम्हें ढूँढा करती हैं, मेरी नज़रें हमेशा तुम्हें ही ढूँढा करती हैं |

Like a butterfly evolving, we must love each stage we pass through. You are becoming a wondrous butterfly. Go fly, people!

अंत में किसी मसहूर शायर की दो पंक्तियों से विदा लेते हैं-

सितारों को आखों में महफूज़ रखना अब दूर तलक सिर्फ रात होगी,
मुसाफिर हैं हम भी मुसाफिर तुम भी, अब किसी रोज़ फिर मुलाक़ात होगी |

With best wishes,
(दुआ में याद रखना)
D.T.U.

TRIBUTES AND INSPIRATION

An Ode to DTU Times

- Vaisakh Nair, Student Advisor

When I was asked to write my final piece, my thoughts went back to the 2014 summer break when I was first asked to write one for DTU Times. What I churned out was a topic close to me, 'Life of a Nerd'. Though it was a mini disaster, but I regard that article as one which made me realise that if you have will to improve a skill, you will definitely achieve success in that endeavor. From writing pieces similar to that of His Highness Rosesh Sarabhai (if you don't know who this is, you have my sympathies) to movie reviews, I have experimented in almost every genre possible. Some have seen the light of the day, some still lie in my Recycle Bin.

DTU Times has been an integral part of my university life. For a person battling depression in first year, this came as a healing, a silver lining. The super awesome seniors, 'Machan' batch mates and junior bhidu log, all are now part of my family. Racing against the deadlines, getting interviews of celebrities, students and teachers and many other activities have instilled certain qualities in me which may prove beneficial to me.

Since the time I joined, DTU Times has come a long way, changing its shades with every edition so as to provide new reading experiences to readers. With the hope that it continues to touch DTUites in any possible manner, I, Vaisakh Nair, Student Advisor, sign out.

P.S.: For those wondering what 'Macha' means, ask any Malayali or even easier way, Google ka prayog.

आग

-Satyarth Praveen, Associate Editor

फितूर है उस आग का
जो राख भी हो लाल जले,
गुरुर है उस आग का
जो बारिश में भी मशाल जले...

फ़िज़ूल है वह आग जो
बेमकसद बदहाल जले,
कुबूल है वह आग जो
प्रकाश हो हर हाल जले...

तरकीब सारी व्यर्थ है
जो जल सका जलता रहा,
ये गुरुर उसको सार्थक है

जो प्रकाश बन चलता रहा...

किस आग की तलाश में
कब तक कहाँ तक चल चुके,
खुदको जरा तुम थाम लो
अंजान तलवे जल चुके...

उंजली में जल को डालकर
जलने को अल्प विराम दो,
स्वयं की अग्नि तृप्त कर
अपनों को तुम जला न दो...

इस काव्य का यह अर्थ है
कि जल सको तो जल सही,
इतना कभी न व्यर्थ हो
कि धुंध हो गलत सही...!

Placeholders for Happiness

-Chirag Arora, Associate Editor

'We're all passengers trying to be companions'

The talisman "Live for yourself, do what's best for you" never made much sense to an unambitious self that was not soaking confidently in altruism but splashing in and out of existential uncertainty. Uncertain reasons to wake up, attend University, smile and wave to a spectrum of people at Nescafe. Uncertain goals short and long term. So I let curiosity guide. Maybe it was indeed F.O.M.O that made one run around in trying to be a part of many an activity ecosystem or friend circle and almost never ever settle. And then settle, because somewhere along the four years we were expected to grow up into definitions backed by palatable stories. I often sought placeholders instead. To bottle happiness in. A cup of chai, an afternoon spent on lame jokes, strange curves on familiar faces and the leeway of not knowing what an impromptu evening could turn into. What any tomorrow could turn into. A student society's success, saplings among trees to call our own. A special someone and their ambitions – anything but self for a placeholder. But the self would eventually have to come to terms with ruthlessness. With decisions that won't budge on request or plead, whether inanimate cut-offs or animated heartbreaks and replies in negative. It had to come to terms with insecurity, when every pair of legs was running in a direction they liked to call North. With perhaps never achieving true potential for all excellence was seemingly locked away in a safe called one's 'Calling'. Self had found no direction but it found a way. To deal with the chaos and find a comfortable placeholder. A place called DTU. What happens now, now that it is about to go away? I'll let curiosity find out.

CRESCENDO

Down the Memory Lane

-Shubhi Sareen, 2nd Year, COE
-Zara Khan, 1st Year, PCT
-Pratyush Thakur, 1st Year, COE

People always say that childhood was the best time of their lives. No complications or responsibilities, just enjoyment and exploration. Reading and writing were its inevitable parts with authors like Roald Dahl and Enid Blyton capturing our interests with their fables. What started out as a fascination with a bobble head named 'Noddy' transpired to an enchantment with the adventurous groups in Famous Five and Secret Seven- (Password! Remember?) and the intriguing tales of British boarding schools in Malory Towers. Enid Blyton's stories weaved a magical yet realistic world where young children embarked on journeys with their pets like Tim in Famous Five or Scamper in Secret Seven or a parrot named Kiki in The Adventure Series.

Considered to be one of the greatest children's authors of all times, her tales have shaped our childhood with all the adventures, mysteries the fun and the frolic. Fatty and his favourite trick of using invisible ink in The Five Fin Outers was one which we all remember. She gave us picturesque views of the English countryside and gave us a glimpse of their lives. Lemonade and Gingerbread were the savouries that were common in all the stories.

The thrills in Enid Blyton's stories did keep us stimulated in our childhood, but the simple joy in the mystery series were soon overtaken by the Wizarding World of J.K. Rowling. Throughout our teens, a seven book series was there for us. It was beyond fiction, and led us to a universe of its own. "Harry Potter". We all cried when we didn't receive our Hogwarts letter, and we all assumed an ordinary piece of stick to be our Elder Wand, twirling it, and uttering "Wingardium Levi-O-sa". And yes, we never realised when Hogwarts grew to be an integral part of our life. Novels come and go, Best Sellers change over time but Rowling's hard work, along with the emotions invested brought out an unparalleled creativity, proving that she is a prolific writer. For she wrote these novels as a single parent fighting with depression. It reinstates that grit can take you places. And that's why, she is loved across the globe by children and adults alike.

Our lives slowly moulded, and as responsibilities were bestowed upon us by adulthood, the thrill offered in Rowling's books was overpowered by the emotional satisfaction which the warmth in Austen's novels provided. Whether it was witnessing the pride of Mr. Darcy and Prejudice of Elizabeth Bennet melt away, or the high spirited, intelligent Emma committing severe mistakes and the fine critique proposed by Mr. Knightley, or Elinor's sense and Marianne's sensibility, Austen's novels never fail to be an engaging read. Every chapter, every page, every word in Austen's novels reflects elegance, which is incomparable and therefore draws its readers to more and more of her writings. Having published her works as an anonymous writer throughout her life, Jane Austen received recognition for her works after her death.

Robert Wyatt once said, "I prefer the mystic clouds of nostalgia to the real thing, to be honest." Nostalgia, isn't only about missing people who are long gone, but also about reminiscing good, old memories, memories that shaped us in this transition. And undoubtedly, Blyton, Rowling and Austen are deeply etched in those memories.

LITERATURE

Ed Sheeran *Divides* and *Rules the World*

-Shubhi Sareen, 2nd Year, COE
-Jessjit Singh, 1st Year, COE

6 Brit awards, 2 Grammys, the longest charting Top 10 album in the history of the United Kingdom and over a billion views on the Youtube video of 'Thinking out Loud'. Does that sound like a little white boy playing at family gatherings with nothing but a Little Martin and a dynamic mic? Well, it's as surprising to me as it is to you. Truth is, ever since this short redhead from Suffolk 'hit the mainstream with the A-Team', Sheeran's life has been all about record breaking singles and award winning albums. Who would have thought that a young, shabby-looking, British boy who had been homeless for more than 3 years before he got recognised by Jamie Foxx would rise to this degree of international fame and respect?

Yes, Sheeran is probably on the pinnacle of success, but no, his journey has never been easy! From a stuttering child, who had difficulty in conveying his emotions to a melody maestro, composing lyrics which perfectly elucidate the concealed expressions locked in the corner of our hearts, he has come a long way! His inclination towards rap music initiated this transformation; his grit formed the stepping stones; and finally, his acceptance of his own self and his determination to be his best version paved the path to the zenith of his dreams. With many musical influences, ranging from The Beatles to Eminem, Ed has not only

managed to capture the essence of each one of them, but has also carved a distinctive niche which epitomizes his individuality.

Let's talk about the hottest topic right now, probably in the entire musical industry; **Divide**. It can be stated that a man they called Ed Sheeran dropped two bombs, namely 'Shape of You' and 'Castle on the Hill' on the night of 6th January, 2017, which shook the world. Since its release, Divide has had over 500,000 units of physical sales, topped charts in 14 countries and almost every music streaming platform and has already become the fastest selling album in the UK ever by a male artist. All this, in less than 40 days. This is the living definition of Incredible.

We are pretty sure, the first song Ed ever wrote was, while **watching the sunset, over the Castle on the Hill**. Ed's grandparents being Irish and his introduction to music being Irish Heartbeat, his Irish **Galway Girl** probably blended the **perfect** colour in his life's fabric. Undoubtedly, it is impossible to stay away from Ed's songs, and we have **dived** right into it. I'd say Ed is totally killing it out there, dividing and uniting, but **what do I know**, go figure yourselves!

Times' Tunes

-Pratyush Thakur, 1st Year, COE
-Zara Khan, 1st Year, PCT

We bring you songs crossing boundaries of genres and achieving one goal, i.e. unifying people and cultures through music.

Shape Of You - Ed Sheeran

Love it or hate it, it is impossible to ignore this song. Ed Sheeran's chartbuster this year was a delight for all the pop fans out there. Be it the combination of the catchy tune and Ed's amazing vocals or the insanely popular video by IIT Roorkee students, this song has seen nothing, but popularity.

Piano Man - Billy Joel

This one is for the oldies, the connoisseurs of vintage music. Released in 1973, this is considered by many as Billy's best song. It captures the monotony and bindings of life perfectly and will surely make you a tad bit emotional.

It Ain't Me - Kygo ft. Selena Gomez

A song combining the melody of Selena with the tropical

electronic beats of Kygo, it is impossible to avoid putting this song on loop after hearing it once, especially since this genre is getting popular day by day.

Heavy - Linkin Park ft. Kiiara

The famous band announced their new album One More Light with this single. Quite different from Linkin Park's usual nu metal and alternative rock genres, this is essentially a pop song. Deep in meaning, it does deserve a listen.

Something Just Like This - The Chainsmokers and Coldplay

This song peaked at number 5 in Billboard Hot 100 charts. Chris Martin's voice combined with The Chainsmokers' beats is pure magic and this was aptly seen in its popularity.

So go on then, give these songs a listen if you haven't already (highly improbable though!).

THE POP-ROCK TALK

-Shubhi Sareen, 2nd Year, COE
-Siddhant Patra, 2nd Year, CE
-Pratyush Thakur, 1st Year, COE

Alt: Alternate Rock

Pop: Pop Music

Alt: Listen here, mate! A guitar-based musical genre, I touch issues of social concern. Now how cool is that, eh? I must confess, my affection for Nirvana, Linkin Park and Green Day, to name a few. (Not to forget, Coldplay).

Pop: Let's keep Coldplay out of this. For it has managed to please us both. *wink*. I produce and innovate music with technology. And, my heart lies with OneRepublic, Imagine Dragons, The Beatles, to mention a few. There are bright kids, everywhere?

Alt: Okay Mr. Pop, music should focus on the lyrics, too. Meaningful lyrics enhance the whole experience. Now compare the lyrics of In The End against Closer. That song has a catchy tune. Sure, I don't deny! But, the lyrics? God! I have insightful lyrics and that's what I am known for.

Pop: Lyrics may be important but the tune catches the listener's attention. You just need to sway and dance at the tunes and the rhythm. Oh! The merriment I have witnessed, it beats the meaning you seek through songs.

Alt - At times I felt like the only places I truly belonged were small town radio shows and garage gigs. And then came 'Smells Like Teen Spirit', and gosh, how I broke away after that! I was the talk of the town, and for once, I started getting noticed! I loved those days of mainstream attention.

Pop: Haha! I bet you loved it. Well, I am universally loved because I am fun-loving, relatable and visually appealing and this makes me loved by everyone.

Alt: True, everyone loves you but in the process they still confuse me with you. Only yesterday, I was tagged in Lady Gaga's video of 'Million Reasons' as #AltRockforLife. Come

on Pop, even you know that after the Jackson-Madonna era, your music has succumbed to formulaic tracks and lost that creative pursuit. I admire the fact that you're the star of the Grammys but..

Pop: Wow! I never knew! I admit that I miss the magical performances of Nirvana and Foo Fighters but even though catchy tunes and upbeat rhythms have become the norm, artists like Ed Sheeran and Adele continue to make my music a surreal experience.

Alt: And the good old days of mid-1980s..My origin, attributed to the wake of Punk Rock, and my presence, catering to the need of a change, the indispensable requirement of freshness and a hiatus from mainstream, commercial music...

Pop: Hey! Didn't want to interrupt you, but in the present times, you are equally marketable and successful. In fact, Music Labels are using the term "alternative" to market music to different sectors of audience.

Alt: True! I have grown.. but while I have been a part of a journey, you have always been on the pinnacle of the mountain!

Pop: That's not completely true! I have had endeavours of my own. I have been open to inspiration from other genres, be it jazz instrumentation or vintage musical orchestration, the dance tempo or the heartiest welcome to electronic music.

Alt: *In the end, it doesn't even matter..*

Pop: Love can change the world in a moment, but what do I know? While, these two genres may not have come to a conclusion, we love listening to songs from both the genres and are keen to see them jam someday!

HOW PLAYING SPORTS TRANSFORMS YOU

-Shubhi Sareen, 2nd Year, COE
-Zara Khan, 1st Year, PCT
-Vishesh Kashyap, 1st Year, ME

The word sports can be rooted back to 'Desport', an old French word roughly translating to leisure. This edition, we celebrate the spirit of Sports by looking on to aspects beyond leisure. Here's a few reasons why we must all play at least one sport!

1. Keeps You Going!

Deepika Padukone once said, "Two years ago I struggled with depression. I was sinking. I almost gave up. But it was the athlete in me that gave me the strength to fight and never ever give up!" The lessons learnt on the pitch, in the court or in the stadium are woven into the fabric of our lives, leading us to the solutions of all the problems we ever come across! Playing Sports is indeed a quintessential requirement to lead a life free from the realms of distress.

2. Go Team! Gotta Get It Together.

According to Michael Jordan, "Talent can win games but teamwork and intelligence win championships".

Team spirit, discipline and sportsmanship go hand in hand. It has been proven time and again that an extremely talented star player is no match for a well-organised team of averages. The greatest lesson that sports teaches us is unity and regard for others.

3. Games of the Mind.

Recall relaxing on your couch as you watch the match and nervously pondering over the strategy your team should adopt? Imagine what the players on the ground must go through!

Sports aren't merely about physical strength and fitness. In fact, they are a lot more about the application of one's strength in the most efficient way possible. Playing sports isn't merely a hobby - it could help you become the next corporate honcho or the next great leader!

4. Not just games, Sport is a religion.

Sachin Tendulkar's last innings made us cry, Beckham's

retirement made millions weep and Djokovic's antics on the court never fail to make us smile. With millions of followers of the different teams, sports is not just a form of entertainment but an embodiment of the spirit of life.

A nail-biting match between arch rivals gives us an inescapable adrenaline rush. Sportsmen are worshipped like gods, and enjoy a fan following like none other. And we, the humble fans are only too happy to idolise them. After all, they do teach us important life skills!

5. The Fighting Spirit!

16 March, 2016. UEFA Champions League, Round of 16. Bayern Munich Vs. Juventus, 90 minutes have passed. Juventus were in the lead. Bayern Fans, all around the world were in tears, and probably had lost all hope of celebrating, that night. 90'+1' Goal! Müller scored a header! The score was tied. During the extra time of 30 minutes, Bayern managed to score two more goals and won a match, which seemed infinitely far away from victory!

One minute, you are losing, the next, you emerge victorious. It all comes down to the last minute's effort, the last second's dedication and the never give up attitude. Sports teaches us to fight, and to never, ever lose hope of victory!

6. A Global Link.

It's the Ashes. Peoples of two countries nearly diametrically opposite each other on the globe, with only a few cultural similarities, are on tenterhooks. Equally anxious. Equally excited. Equally eager.

It is only through sports that people, regardless of geographical location connect with each other. Sports can break hard ice, develop new friendships and discover unlikely links. Why, within the aggressive rush of sports, lies the best peacemaker of all time!

SPORTS SCRAMBLE

1. Extremely popular in the Subcontinent, _____, was first included in the Asian Games as a medal sport in 2010TKERICC

2. Renowned for his tricks, dribbling, overhead kicks and free kicks, this Brazilian was FIFA World Player of the Year in 2004 and 2005- _____ NAOHIRLND0

3. Independent India's first Olympic Gold came in 1948 at _____ ONLNDO

4. LeBron James played for _____ before returning to the Cleveland Cavaliers MMAI THAE

5. _____ has won the F1 World Constructors' Championship a record 16 times. RARIFER

6. The first person to score a perfect 10 at the Olympic Games was Nadia Comăneci of _____, at the 1976 Games in Montreal MROAANI

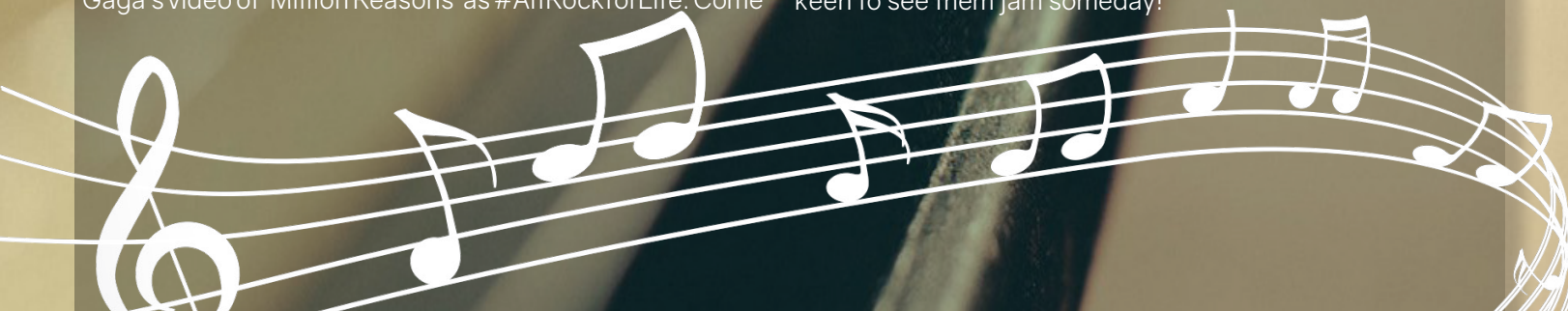
7. Roger Federer has won 7 of his 18 Grand Slam titles in the _____ Championships BDNWIEOML

8. FC Bayern München has won 26 _____ titles, the most for any team NEDGBUSLIA

9. Kobe Bryant played for the Los Angeles _____ SKLARE

10. Sebastian Vettel of _____ is the only current driver to have won 4 F1 Drivers' Championships YRGMNEA

MUSIC SPORTS



KNOW YOUR ALUMNI

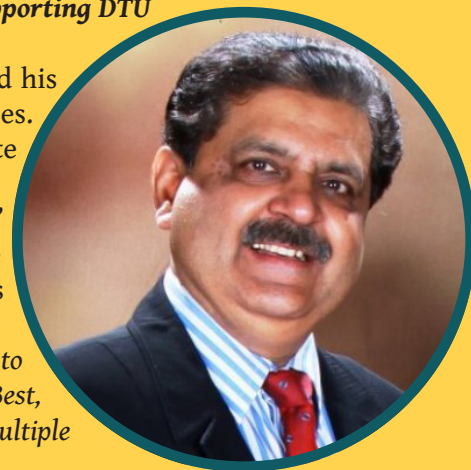
The connecting link between DTU and its Alumni

Mr. Sanjay Diwan is the President of our Alumni Association and believes in supporting DTU and helping enhance the Brand DTU for its students and faculty.

An alumnus of 1981 batch in Electrical and Electronics Engineering he started his career in the private sector and has spent over 30 years with different companies. He did his MBA from FMS while working with Philips. Later, he was a Corporate Leader with Tata, Unisys, AT&T-Lucent-Avaya and IMI Mobile.

The baseline approach for him has been 'Simplify every business or processes' while working with best of the brands and companies in B2B and B2C area. He has helped a number of start-ups succeed as well as development of new leaders across companies – small and big.

Sanjay says, "Looking back, the five things that were my mantras at DCE continues to be part of my belief system – Integrity and Ethics, Challenge to Excel, Deliver the Best, Giving Back to Society and Leveraging Networks of Friends. I can relate all these to multiple experiences during the DCE Life".



Scaling New Heights

Ganesh Krishnan (Batch of 1982)

Mr. Krishnan is a Mechanical Engineering graduate from DCE (Batch of 1982). He pursued his MBA from IIM-Calcutta.

- CEO, Bharti British Telecom, January, 1998 – March, 2000
- Founder and CEO/President, ICICI OneSource, April, 2000 – October, 2003
- Advisor and Board Member, Marketics, January, 2004 – July, 2007
- Founder and CEO, TutorVista, January, 2006 – February, 2013
- Promoter for Portea Medical, AVAGMAH, BigBasket, Bluestone, HomeLane, FreshMenu, Acadgild, July, 2011 – Present

Anil Sardana (Batch of 1980)

Mr. Sardana is an Electrical Engineer and holds a Postgraduate Diploma in Management.

- Over three decades of experience in the Power and Infrastructure sector, having worked with companies like NTPC Limited, BSES, Tata Power Delhi Distribution (erstwhile NDPL)
- Executive Director (Business Development and Strategy), Tata Power, March, 2007 – August, 2007 and continued to be on its Board till July, 2008
- Managing Director, Tata Teleservices Limited, from 2007 to 2011

S.K. Chaudhary (Batch of 1982)

Mr. Chaudhary graduated in Civil Engineering, obtained a Masters' Degree in Management and System from Indian Institute of Technology, Delhi and P.G. Diploma in Alternate Dispute Resolution from Indian Institute of Law.

- Started his career with IRCON as Additional GM and worked for about 23 years in various capacities.
- Switched to HUDCO as Sr. Executive Director (Projects) and stayed there for about seven and half years. Undertaken the projects appraisal of flagship scheme of GoI, such as JNNURM, RAY on PPP etc.
- Worked with National Buildings Construction Corporation Limited (NBCC) as Director (Projects) for a period of 3 years. During his period, NBCC had gained a wide reputation across Construction Industry and company was accorded "Navratna" status.
- Currently working as Chairman-cum-Managing Director, IRCON International Limited.

R.S. Kalsi and C.V. Raman (Batch of 1982)

Mr. Kalsi serves as Executive Officer of Marketing and Sales at Maruti Suzuki India Limited. He has also served as Head of Domestic Marketing and Sales in 2014 as well as the company's Executive Officer of Parts and Accessories.

- Mr. Raman is currently the Executive Officer -Engineering, Research, Design and Development, Maruti Suzuki India Ltd.
- They have together received an award for the design of the SUV Vitara Brezza.

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