

DON'T PANIC



DTU
TIMES

42 S O L O N G A N D T H A N K S F O R A L L T H E F I S H M E M O R I E S

THE HITCHHIKER'S GUIDE TO DELHI-110042



Editors' Note

42.

According to Douglas Adams' 'The Hitchhiker's Guide to the Galaxy', 42 is the answer to the Ultimate Question of Life, Universe, and Everything. While the answer is pretty straightforward, the question itself, however, remains a mystery. Perhaps this rather befuddling satire was a hint at something more subtle, something that aims to teach the happy way to live one's life. The author was probably trying to say that life, if observed with keen insight, is in fact fundamentally simple. All one has to learn, is how and when to ask the right questions. The answers are all there around us, and they are insanely stupid.

Is the ultimate question 'What is 6 times 7?' Possibly. To a first-grader unable to crack a math test, this might as well be! What may be inferred from this ridiculous example is that the same answer may take various manifestations in different contexts, based on the questions we choose to ask. Life then ultimately boils down to simply asking the right questions at the right time, and relentlessly persevering to unearth their answers. Is it possible that it is also implied by Mr. Adams that it is not **answers** we must strive to seek, but rather, **questions** themselves?

As our tenure draws closer to its end, we take this opportunity to reminisce our journey at DTU Times, and the journey of the edition itself. What was once a 4-page edition with 1000 copies sanctioned for printing, has now evolved into a 40-page edition with 4000 copies.

Long gone are the days when we were allotted a meagre 2"x2" space to fill with all the thoughts and feelings and ideas and opinions that we wanted to convey to everyone in the University. While this is a very welcome development, one that is appreciated by our readers as well, the workload on the team has increased manifold, and it is indeed inspiring to watch our juniors strive to improve the quality of the newsletter, from one edition to the next.

With less space available for each columnist, we had to be very frugal with words, and had to choose carefully what to write. We can now afford to be verbose. Very, very verbose. It is so terribly easy to use more words than required, you know. Most of the time, the writer hardly ever realises that they are using way too many words to describe something that can be succinctly put forth in plain, ridiculously simple, and much fewer number of words, without the loss of any meaning or context whatsoever. We were indeed extremely cautious with what we used to write, and made sure not to ramble on, and on, and on, and on, and on, and on... (Unlike this very paragraph in this note, where we chose to do so, just for the sheer pleasure of doing it!)

We wish the reader all the best for their future, and hope that they eventually find the questions they are seeking!

So long, and thanks for all the fish.

As another eventful semester approaches its end, I would congratulate the faculty members, students and staff for tirelessly striving to take the University to greater heights. It is only fair that we surge ahead and make the University a world class research institution.

DTU witnessed its first ever unified Techfest, Invictus '18 which saw collaborative participation of all the technical societies of the University. A multitude of both technical and non-technical events were organised that sought to encourage the hidden technical prowess in participants. I would like to commend the entire team of Invictus on the smooth unification and orchestration of the annual technical festival.

This semester also witnessed the tech teams of the University bring back glory from across various national and international competitions. I would like to congratulate all the students and faculty involved. It is a proud moment for any University to have such a competitive technological culture.

The highlight of any even semester is the Engifest. Like each year, the cultural fest achieved new levels of success with multiple international cultural performances. It is indeed a matter of pride that the University hosted international and Indian stars such as Bassjackers and Amit Trivedi. I would like to congratulate the Cultural Council and all the students involved in the organisation of Engifest for their successful efforts.

A number of Faculty Development Programs, sponsored by TEQIP were organised by the University in February and March. The exchange of ideas which was facilitated by these FDPs allowed adherence to better engineering education standards. Over the last few weeks, we have welcomed a lot of new and talented faculty across various departments. The new faculty not only improves the teacher-student ratio but also brings with it an added dimension of learning, helping the university reach its goals.

The Annual Alumni Meet was held in March that witnessed the presence of distinguished alumni who have made their alma-mater proud. The DCE-DTU Alumni Awards were conferred upon the students and alumni members.

The University Students Internship Program (USIP) was launched in December 2016 to engage DTU students in various activities of the university. I feel proud to announce that the program successfully completed its first year with a Valediction Ceremony in April. In the second edition of USIP, I hope for greater interaction of the students with the administration.

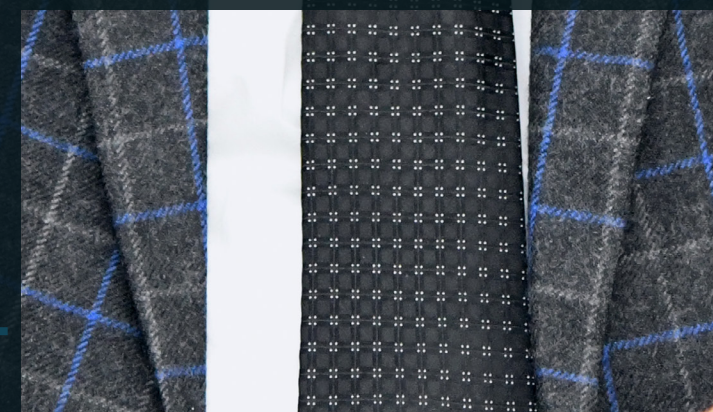
Finally I would like to address the graduating class of 2018 by congratulating them on completion of a vital chapter of their life and wishing them all the success in their life. I urge you to take upon yourselves the onus to bring glory and be a connected and proud alumnus of this prestigious institution.



Message from the

VICE CHANCELLOR

Prof. Yogesh Singh



the BULLETIN

TEQIP-III

A number of Departments of DTU organised Faculty Development Programs and workshops in March-April 2018.

The **Department of Biotechnology** organised a Faculty Development Programme on “**Recent Developments in Translational Medicine (RDTM-2018)**” in March, 2018, with **Prof. Jai Gopal**, Head, Department of Biotechnology as Chairman, **Prof. Pravir Kumar** as Coordinator and **Dr. Yasha Hasija**, Assistant Professor as Convener. The goal of the course was to enrich knowledge in the field of recent advances in translational medicine and its applications.



The **Department of Environmental Engineering** organised an international seminar on **Sustainable Technologies for Environmental Management** in March, 2018. The seminar talked about fundamental knowledge regarding sustainable technologies and the opportunities and challenges accompanying them. **Prof. Yogesh Singh**, Hon'ble Vice-Chancellor, DTU was the patron for the seminar and **Prof. S.K. Singh**, Head, Department of Environmental Engineering, served as the Chairman.

A One Week Short Term Training Program on “**Advances in Image Processing and Computer Vision**” was organised by the **Department of Electronics and Communication Engineering** in April, 2018. The General Chair was **Prof. S. Indu**, Head, Department of Electronics and Communication Engineering, with **Dr. Jeebananda Panda**, Associate Professor, **Ms. N. Jayanthi**, Assistant Professor, and **Dr. Priyanka Jain**, Assistant Professor as the Coordinators. The goal of this program was to impart knowledge in the field of image processing and computer vision.

The **Department of Electrical Engineering** organised a Faculty Development Programme on **Emerging Trends in Internet of Things (IOT) and Cyber Security Applications in Smart Grid (EICS-2018)** in March, 2018. The programme coordinators were **Prof. M. M. Tripathi**, **Mrs. Bhavnes Jaint**, Assistant Professor and **Mr. Saurabh Mishra**, Assistant Professor. The program offered a unique opportunity to the experts from Academia and Industries to understand all the aspects of Smart Grid.

The **Department of Information Technology** organised a **Short-Term Training Program on Health, Human Values, Ethics and Empowerment** in April, 2018. The program was coordinated by **Prof. Kapil Sharma**, Head, Department of Information Technology and co-coordinated by **Prof. M M Tripathi** and **Mr. Nipun Bansal**, Assistant Professor. It included several practical sessions including knowledge of asanas and meditation techniques.

The **Department of Computer Science and Engineering** organised Faculty Development Programme on “**Machine Learning in Predictive Modelling**” in April, 2018, with **Dr. Rajni Jindal**, Associate Professor and Head, Department of Computer Science and Engineering as the Chairperson, and **Dr. Ruchika Malhotra**, Associate Professor and **Ms. Kusum Lata**, Assistant Professor as Coordinators. The objective of this course is to equip teachers with skills and essential knowledge for application of Machine Learning.



Research Excellence Awards

The inaugural edition of the Research Excellence Awards was held at the Dr. B.R. Ambedkar Auditorium in March, 2018. The program was graced by **Prof. Yogesh Singh**, Vice-Chancellor, DTU and the Chief Guest was **Prof. Prem Vrat**, Pro-Chancellor, NorthCap University and Former Director, IIT Roorkee. Thirty three faculty members of DTU were awarded for their achievements in research on the occasion.



Plagiarism Workshop

Department of Electronics and Communication Engineering organised a **One Day Workshop on Raising Awareness on Plagiarism and Copyrights** in March, 2018. The workshop aimed at providing an insight into Plagiarism and its demerits.

Bachelor of Design Introduced in DTU

DTU will be introducing a **Bachelor of Design (B.Des.)** program starting from the academic year 2018-19. There will be a total of sixty seats for the first batch. Admissions will be offered through the **Undergraduate Common Entrance Examination for Design (UCEED)**. The four-year course will be yet another addition to the diverse range of courses the university offers and will open up opportunities for students in the field of industrial design.

10th Delhi State Para Athletics, Powerlifting and Table Tennis Championship

The **10th Delhi State Para Athletics, Powerlifting and Table Tennis Championship** was organised by the **Paralympic Committee of Delhi** in February, 2018 in the DTU Sports Complex. The Championship included sporting events such as Running, Jumping, Throw, Table Tennis, and Powerlifting for different categories of Visually Challenged and Differently Aabled Sportspersons of Delhi. The event was inaugurated in the presence of **Prof. Yogesh Singh**, Hon'ble Vice Chancellor, DTU.



Cultural Evening

The **DTU Cultural Council** organised a **Cultural Evening** in April, 2018. The Cultural Evening was an amalgamation of performances by all the cultural societies of DTU including **Pratibimb**, **Madhurima**, **Nrityangana**, **VIBE**, **DTU Bhangra**, **Panache** and **Sahitya**. The faculty advisors of the societies were felicitated. The event was conducted in the presence of **Prof. Yogesh Singh**, Hon'ble Vice Chancellor, DTU.



Workshops by Central Library

Central Library, Delhi Technological University conducted a workshop on **EBSCO Discovery Service** in March, 2018. This service provides a comprehensive collection of content including superior indexing, high-end full text and the entire library collection within an unparalleled interface.

It also organised an **Elsevier Author Workshop** in March, 2018. The publishing house Elsevier shared information about their publishing process with the faculty members and researchers in the university.

Faculty Promotions and Appointments

Dr. Kapil Sharma, IT was granted promotion from the post of Associate Professor to that of Professor. **Dr. Anil Singh Parihar**, COE, **Dr. Rahul Katarya**, COE, **Dr. Dinesh Kumar Vishwakarma**, IT, **Dr. Seba Susan Rajan**, IT, **Dr. Ruchika Malhotra**, SE and **Dr. Mohd. Rizwan**, EE were granted promotion from the post of Assistant Professor to Associate Professor by the Board of Management, DTU. **Dr. Dinesh Kumar**, ECE was appointed at the post of Professor. **Dr. R. Dhanlakshmi**, COE, **Dr. Shelly Sachdeva**, COE, **Dr. Mayank Aggarwal**, COE, **Dr. Aruna Bhat**, COE, **Dr. Shailender Kumar**, COE, **Dr. Praveen Ranjan Srivastava**, SE, **Dr. Vinod Kumar Yadav**, EE, **Dr. Gurjit Kaur**, ECE, **Dr. Poornima Mittal**, ECE and **Dr. Aditya Kaushik**, MCE were appointed at the post of Associate Professor.

Workshop on Teaching Pedagogy

A workshop on “**Teaching Pedagogy**” was organised by the Academic Section (UG) in April, 2018. The session was delivered by **Prof. I.K. Bhatt**, MNNIT Allahabad. **Prof. Yogesh Singh**, Hon'ble Vice Chancellor, DTU and **Prof. Madhusudhan**, Dean, Academics (UG) welcomed the new faculty members.

USIP Valediction Ceremony

Delhi Technological University launched the University Students Internship Program (USIP) to engage DTU students in various activities of the university in December 2016. The impetus of the program is to provide an opportunity to expose students to the real-life environment and to help the university in improving processes and outcomes of the activities undertaken from time to time.

The program completed its first year in December, 2017. The valediction ceremony for the USIP interns, who served in various departments during the academic year 2016-2017, was held in March 2018 at the Senate Hall in the Admin Block in DTU. The ceremony was graced by **Prof. Yogesh Singh**, Hon'ble Vice Chancellor, DTU, **Prof. SK Garg**, Pro Vice-Chancellor, **Prof. Samsher**, Dean, Student Welfare, various Deans, department HODs and professors who mentor interns.

Prof. Neeta Pandey, Coordinator, USIP took the gathering through the one-year long journey of the program, talking about how a small idea has now grown into a large-scale program. It was followed by Prof. Samsher sharing his experience as a USIP mentor about

the support provided by interns and their cooperation at the DSW office. Prof SK Garg shared his views on the program and the significance of deploying students as interns in various university departments. The ceremony proceeded with the distribution of certificates.

The evening concluded with an engaging address by the Hon'ble Vice Chancellor. He spoke on the ongoing developments and the future plans he has for the university and the activities that can become part of USIP.



E-Fest 2018

ASME DTU Chapter organised **E-Fest Asia Pacific** in March 2018. It witnessed widespread participation from all over the country.



The festival was inaugurated in the opening ceremony which was presided by Hon'ble Vice Chancellor **Prof. Yogesh Singh**. The chief guest for the ceremony was **Dr. Ashutosh Karnatak**, Director of Projects and whole time Director, GAIL while **Mr. Pranjal Sharma**, Eco. Analyst and

Author of 'Kranti Nation : India and the Fourth Industrial Revolution' was the keynote speaker for the same.

Several events and competitions were hosted throughout the duration of the festival, with **Vellore Institute of Technology** bagging the first prize in **Human Powered Vehicle Challenge**. Participants presented their designing ideas in the **Student Design Competition** while the innovative minds were put to test in the **Old Guard Competitions**. A series of **Career Development Workshops** were also held to provide students with paths for their future.

The **Dancing Diggers** event proved to be a highlight, which saw heavy



purpose JCB vehicles move to several tunes, displaying a majestic musical performance. The awards ceremony, held to facilitate the winners of various competitions, concluded the

Exuberance '18

East Campus

The University School of Management and Entrepreneurship organised its inaugural fest, 'Exuberance' on 5th and 6th April, 2018. The fest included twelve events, ranging from cultural to financial ones.

The fest engaged participants from more than twenty different colleges. It was inaugurated with an opening ceremony and the lighting of the ceremonial lamp by Dr. Pushpendra, Prof. R.C Sharma and Dr. Manoj Sharma. The ceremony was followed up by music, dance and drama performances.

The first event on the first day was 'Qafila Poetry'. Undergraduates participated in huge numbers and expressed their views on a variety of themes. The Entrepreneurship Development Cell of the institute organised a B-plan competition, which tested the analytical skills of the participants. Pradarshani-the dramatics society of the college organised a 'Nukkad Natak' competition on an open-theme basis, which started with the presentation of its own production, 'Kaanchi'. Day one also included open mic music performances

in which various bands participated. The extempore event 'Cross-Fire' was organised by the EcoTech and Quiz & Debate Society of college. There were dance performances by Furious- the dance society of the college. The day ended with music performances by Shivjot Singh and V Ranjha.

The second day included events like 'IPL Bidding', where teams were assigned a specific budget and had to make its best use to win. The 'Mix with Twists' event had activities related to human development, resource allocation and identification through the medium of food. In the 'Mad-Ad' competition, students presented their viewpoints through innovative methods. TechnoBuzz- the IT society of the college organised the 'Snakes and Ladders' competition with the help of computer related keywords. The fest concluded with the prize distribution by Prof. Anu Singh Lather, Prof. S.K. Garg and Sh. Anoop Lather with faculty coordinators of the cultural committee, Ms. Harleen Kaur and Mr. Anurag Chaturvedi.





INVICTUS

Invictus, the first ever Unified Techfest of DTU, was organised in February, 2018. The fest was organised jointly by a number of technical societies of DTU which included IEEE DTU, SR DTU, IOSD SME, ASCE-DTU, SAE-DTU, SITE, IOSD, Tatva, CSI, Round Table DTU, SSE, MACS, SCEE, and IGTS. The TechFest was inaugurated by **Dr. Awdhesh Singh**, former IRS Officer and author, *Practising Spiritual Intelligence: For Innovation, Leadership and Happiness*, **Prof. Samsher**, Registrar, DTU and **Prof. R.K. Singh**, Chairperson, Technical Council.

The fest involved a diverse range of events and competitions, ranging from coding events such as **3-Line Code**, **Codathon** and **Bytes** to Robotics events such as **Robo Maze** and **Robo Soccer**. **Human Chess** and **Ultimate Tic-Tac-Toe** put a scientific spin to our classic childhood games. For students interested in design, events such as **Designathon**, **CAD Craft** and **Airglider** were organised. For the research enthusiasts, there were conferences and paper presentations such as **Alchemist** and **Technovision**.

In the true spirit of engineering, Invictus also involved non-technical events such as **Can You Sell This?** and **Case Masters**. To understand the ups and downs of the stock market, **Bulls 'N' Bears** and **Mockstock** were organised. For the quizzing aficionados, there were events such as **Quizzards** and **Mist**.

Three days of technical events and buzzing with activity, Invictus attracted participation from all over India. Various influential speakers such as **Mr. Manoj K Prasad**, VP, Talent Management, OD & Learning - Reliance Industries Limited, **Mr. Vikramank Singh**, ex-Facebook and Massachusetts Institute of Technology (MIT) Labs, **Mr. Abhishek Gupta**, author of *Iridescence*, India's first Photo-Poetry book, and **Mr. Aditya Arora**, CEO - Faad, Parliamentary Meritorious Awardee, **Mr. Sunil Dutt**, Country Head of Jio, former MD of BlackBerry, **Dr. Ajay Kumar**, Secretary, Ministry of Defence, Government of India, **RJ Naved**, Radio Mirchi, **Mr. Opinder Preet Singh**, Indian Subcontinent Head, **ETHLend** and **Blockchain Consultant** and **Mr. Akshay Aggarwal**, National Head and Co-Founder, **Blockchained India** also imparted knowledge to the students. Invictus certainly managed to nurture the spirit of technical innovation and scientific temperament.

Engifest 2018

Engifest'18, the annual cultural festival of Delhi Technological University was organised from 16th to 18th February, 2018. The theme of this year's edition was 'A City Rekindled'. The three-day festival began with a formal inauguration ceremony held at the Dr. B.R. Ambedkar Auditorium in the presence of **Prof. Yogesh Singh, Vice-Chancellor, DTU** among other dignitaries. The 41st edition of DTU Times was also officially released at the event along with an engaging **Muqabla-e-Quwwali** between renowned Sufi singers **Chanchal Bharti** and **Shan Sabri**.

The celebration began with numerous cultural events including **Instru-Fuse**, **Anushthaan**, **Drishtikon** conducted at various locations across campus. The day also featured a hilarious performance by comedian **Abijit Ganguly** at the BR Auditorium, while the crowd at OAT witnessed the revival of an ancient culture in a performance by **Whakarewarewa-The Living Maori Village**, all the way from New Zealand. The concert ground was rendered dense with the crowd, as Bollywood musical sensation **Amit Trivedi** starred in **Livewire**.

Engifest brought out the best from the crowd, as people took to the stage at OAT, showcasing their unique talents in **Engi Idol** and **Engifest's Got Talent**, while **Natya** took place in front of a packed auditorium. The evening was drowned by mellow jazz tunes, as **The Diaspora House** made the entire OAT sway to their beats. Aspiring designers from all around the country were brought together at **Paridhan**, organised by **Panache**, as models displayed various attires. The concert ground buzzed with the energy that **Guri** brought to the festival, making the entire crowd dance to his powerful beats in **Punjabi Night**.

The third day of the festival began on a musical note as participants added a beautiful symphony in **Balladeers** and **Vocalicious**, which were organised by **Madhurima**, the music society of DTU. The auditorium stage was set to fire by dancers in **Spandan**, organised by **Vibe**. Ranked among the world's Top 50 DJs, **Bassjackers** then took to the stage, instantly enthraling the large crowd that had gathered to dance their hearts out at **EDM Night**. The festival culminated on a high note, the performance ending with fireworks that lit up the sky, marking the end of Engifest'18.



Faculty News

Awards, Honours, Conferences

Prof. S. Indu, HOD, Dept. of Electronics and Communication Engineering

- Recipient of Research Excellence Award-2017, DTU
- Committee member as a subject expert, Commonwealth Scholarship, Ministry of HRD
- Expert committee member for evaluating Vedic Heritage website
- PhD Examiner, Anna University
- Organiser, “Seminar on Raising awareness on Plagiarism and Copyrights”
- Organiser, TEQIP III Short Term Training Program – “Advances in Image Processing and Computer Vision”

Prof. Jaigopal Sharma, HOD, Dept. of Biotechnology

- Attendee, FDP on “Recent Developments in Translational Medicine,” DTU
- Attendee, “Microbial Diversity for Human Welfare,” IIT-Delhi
- Member, “DBT/India- BBSRC/UK International Collaboration Project Meeting,” Tanzania

Prof. S. K. Singh, HOD, Dept. of Environmental Engineering

- Attendee, “International Seminar on Sustainable Technologies for Environmental Management”

Prof. O. P. Verma, Dept. of Electronics and Communication Engineering

- Received “Premier Research Award” for research publication in IEEE Transactions, on Fuzzy System and IEEE Transaction in Image Processing

Prof. Pravir Kumar, Dept. of Biotechnology

- Delivered a talk on “Biomedical Engineering Implication in Neuroscience” in TEQIP III FDP on Recent Development in Transnational Medicine, DTU

Prof. R. C. Singh, Dept. of Mechanical Engineering

- Session Chair, “International conference of Advanced Research and Innovation, Institution of Engineers,” New Delhi
- Session Chair, “International Conference on Composite Materials: Manufacturing, Experimental Techniques, Modeling and Simulation,” LPU
- Attendee, 19th Annual International Conference on “Managing Digital Revolution: Inventing Future India,” DTU

- Attendee, “International Conference on Composite Materials: Manufacturing, Experimental Techniques, Modeling and Simulation,” LPU
- Participated in “International Workshop on Sustainable Energy, Power and Propulsion,” NIT Kurukshetra
- Chairman, DTU Sports Council

Dr. Anjana Gupta, Assoc. Prof., Dept. of Applied Mathematics

- Received “Commendable Research Award - 2017,” DTU

Dr. C. P. Singh, Assoc. Prof., Dept. of Applied Mathematics

- Attendee, “Recent Development on Translational Medicine,” Dept. of Biotechnology, DTU
- Attendee, “International seminar on Sustainable Technologies in Environmental Management,” Dept. of Environmental Engineering, DTU
- Reviewer, European Physical Journal C

Dr. Dinesh K Vishwakarma, Assoc. Prof., Dept. of Information Technology

- Received “Premium Research Award” for research publication in IEEE Transactions

Dr. Vijay Gautam, Assoc. Prof., Dept. of Mechanical Engineering

- Attendee, India UK Design Workshop- Future of Design Education organised by India Design Council, India Habitat Centre, New Delhi.
- Attendee, India UK Design Workshop- Future of Design Education organised by India Design Council and supported by British Council, National Institute of Design, Bengaluru

Dr. A. K. Haritash, Asst. Prof., Dept. of Environmental Engineering

- Received “Commendable Research Award - 2017,” DTU
- Delivered a talk on “Air Pollution” in Faculty of Allied Health Sciences, SGT University, Gurugram, Haryana
- Organiser, International Seminar on “Sustainable Technologies for Environmental Management,” DTU
- Delivered a talk at the Workshop on Environmental Sustainability through Science-based Tools and Approaches, TERI School of Advanced Studies, Delhi



Dr. Amrish K Panwar, Asst. Prof., Dept. of Applied Physics

- Received “Commendable Research Award - 2017,” DTU
- Presented “Synthesis and Electrochemical Properties of Low-Temperature Synthesized Li₂MnO₃/MWCNT/super P as a High Capacity Cathode Material for Lithium-ion Batteries” at National Conference on Advanced Materials and Nano-Technology, IIIT, Noida, UP

Mr. Deva Nand, Asst. Prof., Dept. of Electronics and Communication Engineering

- Attendee, “Recent trends in Protection of Microgrids with high DER performance Issues, Challenges and Mitigation,” Department of Electrical Engineering, DTU
- Attendee, “Emerging trends in Internet of Things and Cyber Security applications in Smart Grid,” Department of Electrical Engineering, DTU
- Attendee, “Raising awareness on Plagiarism and Copyrights,” DTU

Dr. M Jayasimhadri, Asst. Prof., Dept. of Applied Physics

- Commendable Research Award - 2017, DTU
- Life Fellow Member in the Optical Society of India
- Speaker and Chair at National Conference on Luminescence and its Applications held at CSIR - National Institute for Interdisciplinary Science and Technology, Trivandrum
- “Advisory Committee Member” for the National Symposium on Advanced Functional Materials and their Applications, RGM College of Engineering and Technology, Andhra Pradesh
- Attendee, International Seminar on “Sustainable Technologies for Environmental Management,” Department of Environmental

Engineering, DTU

- Attendee, Development Program on “Emerging trends in Internet of Things and Cyber Security Applications in Smart Grid,” Department of Electrical Engineering, DTU
- Presented research work at National Conference on Luminescence and its Applications, CSIR-National Institute for Interdisciplinary Science and Technology, Trivandrum

Dr. Meha Joshi, Asst. Prof., Delhi School of Management

- Recipient of Best Paper Award, “An empirical study of social intelligence among school teacher: A tool to instill leadership among students” as part of conference on “Leadership in Organisations: Contemporary concerns and key developments,” Ramanujan College, University of Delhi

Mr. Paras Kumar, Asst. Prof., Dept. of Mechanical Engineering

- “Automotive applications of Shape Memory Alloys (SMA),” International Conference on Academic Research in Engineering, Management and Information Technology 2018, M. J. P. Rohilkhand University, Bareilly

Publications

Prof. S. Indu, HOD, Dept. of Electronics and Communication Engineering

- “Design of High Speed Low Power Multiplier for Sensor Nodes,” *International Journal of Control Theory and Applications*

Prof. A. S. Rao, Dept. of Applied Physics

- “Structural, Optical Absorption and Photoluminescence Spectral Studies of Sm³⁺ ions in Alkaline-Earth Boro Tellurite Glasses,” *Optical Materials*
- “Spectroscopic Studies of Dy³⁺ doped Borate Glasses for Cool White Light Generation,” *Materials Research Bulletin*
- “Spectroscopic Investigations on Dy³⁺ ions doped Zinc Lead Alumino Borate Glasses for Photonic Applications,” *Journal of Rare Earths*
- “Dy³⁺ ions doped Oxy-Fluoro Borate Tellurite Glasses for Prospective Optoelectronic Device Applications,” *Journal of Alloys and Compounds*

Prof. Bansi Dhar Malhotra, Dept. of Biotechnology

- “Multiwalled Carbon Nanotube Modified Microfluidic-Based Biosensor Chip for Nucleic Acid Detection,” *Sensors &*

- “Finite Element Analysis of Inner Race Defect in Deep Groove Ball Bearing,” International Conference on Reuse and Recycling of Material and Their Products, Kerala, India

Dr. Ram Singh, Asst. Prof., Dept. of Applied Chemistry

- Attendee, “International Conference on Advances in Analytical Science,” Dehradun

Dr. Rajeev Kumar Mishra, Asst. Prof., Dept. of Environmental Engineering

- Delivered a talk on “Noise Pollution: A Dangerous Din in Megacities,” Ambedkar University, Delhi
- Presented, “Analysis and Interpretation of Particulate Matter Emission from the Heterogeneous Traffic at Major Intersection in Delhi,” International Conference on Strategies for Promoting Inclusive Development, University of Delhi, Delhi
- Attendee, “Recent Advances in Alternative Energy Sources,” DTU
- Participant, One Week Faculty Development Programme under TEQIP-III on “Emerging Trends in Internet of Things and Cyber Security Applications in Smart Grid (EICS-2018),” Department of Electrical Engineering, DTU

Actuators B

- “A Study on Heterogeneous Electron Charge-Transfer Processes at Redox-Active Chitosan Modified Carbon Nanotubes Film-Coated Electrodes Using AC Impedance Technique (Electrochemical Impedance Spectroscopy): An Enzyme Immunosensor (Joint Study Group on Dielectric and Insulating Electronic Materials and Advanced Photonic Nanomaterial Devices),” *The Institute of Electrical Engineers of Japan, EFM 2018, no. 1*
- “Fabrication of Sensitive Bioelectrode Based on Atomically Thin CVD Grown Graphene for Cancer Biomarker Detection,” *Biosensors and Bioelectronics*
- “Effect of Brownian motion on reduced agglomeration of nanostructured metal oxide towards development of efficient cancer biosensor,” *Biosensors and Bioelectronics*
- “Biofunctionalized graphene oxide wrapped carbon nanotubes enabled microfluidic immunochip for bacterial cells detection,” *Sensors and Actuators B: Chemical 255*

- Co-coordinator, International Seminar on “Sustainable Technologies for Environmental Management,” Department of Environmental Engineering, DTU

Mr. Vinod Singh, Asst. Prof., Dept. of Applied Physics

- Attendee, XIX Annual International Conference on “Managing Digital Revolution: Inventing Future India,” DTU
- Attendee, International Seminar on “Sustainable Technologies for Environmental Management,” DTU, Delhi
- Attendee, workshop on “Raising Awareness on Plagiarism and Copyrights,” DTU
- Attendee, workshop on “Recent Advances in Alternative Energy Sources,” DTU
- Attendee, Faculty Development Programme on “Emerging trends in Internet of Things and Cyber Security applications in Smart Grid,” DTU
- Invited Speaker, “Gas Phase Synthesis of Size Selected Pd and Pd-C Core-Shell Nanoparticles for Hydrogen Sensing Application,” National Conference on Applied Materials Science at Central University of Gujarat, Gandhinagar, Gujarat

Prof. Laxminarayan Das, Dept. of Applied Mathematics

- “Role of Mathematics Curriculum for Enhancing Sustainable Transport System Facilities for Odisha Region Inhabitants,” *Annual Conference of Odisha Mathematical Society and National Seminar on Computational and Mathematical Engineering*
- “Constrained physical networks: A beginner’s study,” *National Seminar on Application of Graph & Network in Computational Studies, Bioinformatics Engineering, Jawaharlal Nehru University, New Delhi*

Prof. Pravir Kumar, Dept. of Biotechnology

- “Hypoxia induced signaling activation in Neurodegenerative Diseases: Targets for new therapeutic strategies,” *Journal of Alzheimer’s Disease*

Prof. R. C. Singh, Dept. of Mechanical Engineering

- “Study of Starting Friction during the Running of Plain Journal Bearing under Hydrodynamic Lubrication Regime,” *SAE International*

- “Experimental Study of Tribological Behavior of Casted Aluminium-Bronze,” *International Conference on Composite Materials: Manufacturing, Experimental Techniques, Modeling and Simulation, LPU*
- “Mechanical and Wear Performance of Surface Composite Fabricated by Solid-State Technique – A Review,” *International Conference on Composite Materials: Manufacturing, Experimental Techniques, Modeling and Simulation, LPU*
- “Experimental study of Surface Modification to Wear Characteristics of Cast Magnesium Alloy,” *International conference of Advanced Research and Innovation, Institution of Engineers, Delhi*

Prof. Anjana Gupta, Dept. of Applied Mathematics

- “Matrix games with 2-tuple linguistic information,” *Annals of Operations Research (Springer)*

Dr. C. P. Singh, Assoc. Prof., Dept. Of Applied Mathematics

- “Cosmological Evolution of Non-interacting and Interacting Holographic Dark Energy Model in Brans-Dicke theory,” *International Journal of Geometric Methods of Modern Physics*
- “Viscous cosmology in new holographic dark energy model and the cosmic acceleration,” *European Physical Journal C*

Dr. Dinesh K Vishwakarma, Assoc. Prof., Dept. of Information Technology

- “Convolutional neural networks for crowd behaviour analysis: a survey,” *The Visual Computers*

Dr. Janardan Prasad Kesari, Assoc. Prof., Dept. of Mechanical Engineering

- “Making India A Green Country Through Renewable Energy Technology,” *National Conference on Technology and Environment for Smart India*

Dr. Vijay Gautam, Assoc. Prof., Dept. of Mechanical Engineering

- “Experimental and Numerical Studies on Spring back in U-Bending of 3-Ply Cladded Sheet Metal,” *Materials Today: Proceedings, Elsevier*
- “Analytical prediction of springback in bending of tailor-welded blanks incorporating effect of anisotropy and weld zone properties,” *Journal of Materials: Design and Applications*

Dr. A. K. Haritash, Asst. Prof., Dept. of Environmental Engineering

- “Hydrogeochemical characterization and suitability appraisal of groundwater around stone quarries in Mahendragarh,

India,” *Environmental Earth Sciences*

- “Assessment of fluoride in groundwater and urine, and prevalence of fluorosis among school children in Haryana, India,” *Applied Water Science*
- “Degradation of AY36 using TiO₂-UV Photocatalytic System,” *Applied Chemical Engineering*

Dr. Amrish K Panwar, Asst. Prof., Dept. of Applied Physics

- “Significant enhancement in structural, dielectric, piezoelectric and ferromagnetic properties of Ba 0.9 Sr 0.1 Zr 0.1 Ti 0.9 O 3-CoFe 2 O 4 Multiferroic Composites,” *Materials Research Bulletin*

Dr. Asmita Das, Asst. Prof., Dept. of Biotechnology

- “Role of BRCA Mutations in the Modulation of Response to Platinum Therapy. *Front Oncol.*
- “IL-2 mediates NK cell proliferation but not hyperactivity,” *Springer Publication*

Mr. Deva Nand, Asst. Prof., Dept. of Electronics and Communication Engineering

- “Operational Floating Current Conveyor based Digitally Controlled Hearing Aid,” *Fifth International Conference on “Signal Processing & Integrated Networks,” IEEE, ASET, Amity University*



Dr. M Jayasimhadri, Asst. Prof., Dept. of Applied Physics

- “Spectroscopic study of Pr³⁺ ions doped Zinc Lead Tungsten Tellurite glasses for visible photonic devices,” *Optical Materials*
- “Spectroscopic Studies of Dy³⁺ doped Borate Glasses for Cool White Light Generation,” *Materials Research Bulletin*

Dr. Navneeta Bharadvaja, Asst. Prof., Dept. of Biotechnology

- “Host-mediated RNAi of a Notch-like receptor gene in Meloidogyne incognita induces nematode resistance,” *Parasitology*

Dr. Rajeev Kumar Mishra, Asst. Prof., Dept. of Environmental Engineering

- “Characterization of the Sewage Sludge Samples Collected at Delhi, India,” *Journal of Environmental Engineering and Studies*

Mr. Ram Murti Rawat, Asst. Prof., Dept. of Computer Science

- “A Novel Low power and Swing Restoration SRAM Logic Circuit Technique,” *International Journal of Engineering Research and Technology*

Dr. Ram Singh, Asst. Prof., Dept. of Applied Chemistry

- “Hydrogels: Promising Energy Storage Materials,” *ChemistrySelect*
- “Nano Neuro Medicines for neurodegenerative diseases,” *Nanoscience & Nanotechnology – Asia*
- Book chapter published, “The Effects of Alcoholism on the Brain; Alcoholism: Causes, Symptoms Effects and Treatment,” *Chapter 3, Manakin Press*
- Book chapter published, “Nutritional Deficiencies and Diseases associated with alcoholism; Alcoholism: Causes, Symptoms Effects and Treatment,” *Chapter 4, Manakin Press*
- Bookchapterpublished, “Chemotaxonomy of medicinal plants: Possibilities and limitations; Natural Products and Drug Discovery – An Integrated Approach,” *Elsevier*

Dr. Saurabh Mehta, Asst. Prof., Dept. of Applied Chemistry

- “Regio- and Stereoselective Synthesis of Isoindolin-1-ones through BuLi-mediated Iodoamino cyclization of 2-(1-Alkynyl) benzamides,” *J. Org. Chem.*

Mr. Vinod Singh, Asst. Prof., Dept. of Applied Physics

- “Size Selected Palladium- Carbon Core-Shell Nanoparticles for Hydrogen Sensing Applications,” *International Conference on Sculptured Thin Films (GLAD 2018), IIT Delhi*
- “Gas Phase Synthesis of Size Selected Pd and Pd-C Core-Shell Nanoparticles for Hydrogen Sensing Application,” *2nd Departmental Symposium on Advances in Physics, IIT Delhi*
- “Metal-Carbon Core-Shell Nanoparticles as Hydrogen Gas sensor,” *National Conference on Applied Materials Science, Central University of Gujarat*

Student News

Research Papers Published

B.N. Deepankan, M.Tech., IT, 1st Year

- ‘Copy-Move forgery Detection Techniques: A literature Survey’, *IJETSRS, 2018*
- ‘Copy-Move Forgery Detection using Stationary wavelet transform and SIFT’, *Advances in Computer Science and Information Technology (ACSIT), 2018*

Paramveer Singh, M.Tech., SE, 1st Year

- ‘Deep Convolution Network for Handwritten Punjabi Language Recognition’, *INDIACom-2018, BVICAM*

Ashwani Bandhu, B.Tech., ME, 4th Year

- ‘Optimization to the parameters of abrasive flow machining by Taguchi method’, *Materials Today: Proceedings*

Mayank Santosh, B.Tech., ME, 4th Year

- ‘Bitcoin and Portfolio Diversification: Evidence from India’, *Advances in Theory and Practice of Emerging Markets, 2018*

Rajat Chugh and Simran Aggarwal, B.Tech., SE, 4th Year with Dr. Ruchika Malhotra

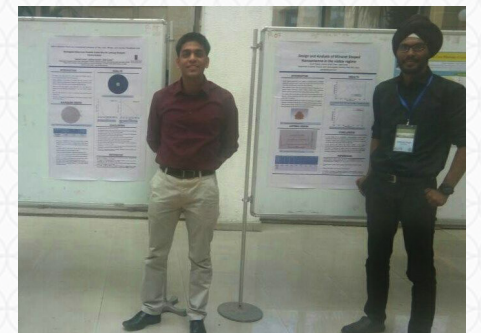
- ‘Bug Localisation in Software Using NSGA-II’, *IEEE Symposium on Computer Applications and Industrial Electronics 2018 (ISCAIE’18), Penang, Malaysia.*

Alankrit Tomar, B.Tech., EP, 3rd Year

- ‘Rectangular Defect Core Photonic Crystal Fibre for Low Loss Terahertz Communication’, *Optics and Photonics: Theory and Computational Techniques, IIT Roorkee*

Jorawar Singh Dham, B.Tech., EP, 3rd Year

- ‘Design and Analysis of Minaret Shaped Nanaoantenna’, *Optics and Photonics: Theory and Computational Techniques, IIT Roorkee*



Awards and Competitions Won

Sumandeep Kaur, Ph.D., AP

- Best Poster Presentation Award, National Conference on Luminescence and its Applications (NCLA-2018), CSIR-NIIST, Trivandrum

Babita Veer, Ph.D., AC

- Best Poster Award, ‘Determination of Riboflavin (Vitamin B₂) in Aegle marmelos using Reverse Phase-High Performance Liquid Chromatography’, *International Conference on Advances in Analytical Sciences (ICAAS-2018)*

Suryabala Shahi, M.Tech., 2nd Year, PT

- Best Poster Award, ‘Chemical degradation of post-consumer polycarbonate waste’, *International Conference on Advances in Analytical Sciences (ICAAS-2018)*



Ayush Agarwal and Chhavi Sharma, B.Tech., IT, 4th Year, Nikhil Kumar Mishra, Sagnik Bhowmick and Utkarsh Verma, B.Tech., ECE, 3rd Year, Sushant Jain, B.Tech., COE, 3rd Year

- First Runners-Up, Smart India Hackathon 2018, Ministry of Health and Family Welfare



Arnav Saxena and Mudit Mangal, MCE, 3rd Year

- National Runners Up, EXL EQ 2018

Aarnav Singh, Aditya Kulraj Kunwar, Aditya Singh, Akashdeep Ramnaney and Deepanshu Varshney, COE, 2nd Year,

- Winners, Smart India Hackathon 2018, Ministry of Human Resource Development and Govt. of Maharashtra



SOCIETY NEWS

DTU Supermileage awarded at Shell Eco Marathon Asia 2018

The team won the **Communication award** along with a cash prize of **USD 3000** at Shell Eco Marathon Asia 2018, in Singapore, in March. The event saw participation of more than 150 teams from 30 countries in the Asian Leg. The electrical vehicle averaged 157 km/KWH and was placed 7th in the event.

Delegates sweep awards at MUN conferences

Members of DelTech MUN represented the university at various conferences. **Siddharth Basu** won the Best Delegate, **Dhruv Jain** and **Vibhor Gupta** were awarded with High Commendation and **Aditi Sharma** bagged the Best Photographer title at the Jaypee Noida MUN. Members also participated in VIPS MUN and NSIT MUN. DelTech MUN won the Runners up delegation in JMC MUN.

Panache simplifies Campus to Corporate Journey

Panache, along with **Peter England**, organised a workshop on Campus to Corporate Journey. The society also organised its flagship event, **Paridhan**, in Engifest'18. The members, Ankush Tanwar won Mr. Impressionate in Antaragni (IIT Kanpur) and Prajwal Jaiswal won Mr. Taarangana in IGDUTW.

Delhi 42 wins accolades

The DTU Quiz club won numerous laurels in various competitions held recently. **Pradhyumna Asthana** secured 1st place in Resonance Chemistry Quiz held at St. Stephen's College. **Ankit, Aditya Kulraj and Bramhdeep** were 1st in DoMS IITD Biz Quiz. **Suvigya Nijhawan** won 2nd place in Sports quiz at SRCC sports and 3rd in Sports quiz at Sri Venkateshwara College. **Rohan** and **Harshit Tanwar** secured 3rd position at the NSE FinQuiz. **Rishi Aneja** and **Alankrit Tomar** came 2nd in Science quiz at Hindu College. **Kumar Shashwat** secured 3rd Position in Open Sports Quiz, St Stephen's College. **Harshit Gupta and Kumar Shashwat** also stood 3rd at Tech Quiz at VIPS. **Rohan** secured 3rd Position in Maths Quiz at St. Stephen's College. **Arihant** and **Pradhyumna Asthana** won 2nd place in Coesus Gen Quiz at Dyal Singh College. **Pradhyumna Asthana** and **Mandeep** secured 3rd place in Science Quiz held at Hindu College. **Anwasha Chatteraj** and **Kumar Shashwat** secured 2nd position in SciBizTech Quiz held at St. Stephen's College and **Anwasha Chatteraj** and **Jorawar Singh Dham** secured 3rd position at CBS RAVE Quiz. **Ankit** and **Bramhdeep Singh** stood 1st in Kamala Nehru College Biz Quiz, Lal Bahadur Shastri Institute of Management Biz Quiz and Delhi School of Economics Management Quiz. They stood 2nd in the Delhi Round of Tata Crucible Quiz, a pan India quiz contest by the Tata Group and in Hindu Biz Quiz, SSCBS Biz Quiz, Kamala Nehru College EcoBiz Quiz and Ramjas General Quiz.

Okami Racing showcases project at Auto Expo 2018

The team displayed carbon fibre fairing earlier used in a Human Powered Vehicle, that would be used to manufacture an electric land speed racing motorcycle to establish a record in India. They displayed the prototypes of the electric racing bike which they are developing. The team also interacted with industry experts who were interested in student project teams.

Team Raftaar shines at ASME HPVC

Team Raftaar participated in **ASME Human Powered Vehicle Challenge 2018 (Asia-Pacific)**, at DTU, in March. The team secured **2nd Overall Position**, 1st Position in Male Drag category, 1st Position in Female Drag category, and 3rd Position in Design category.

Indradhanush inspires students

NSS DTU organised its first ever annual Conclave- **Indradhanush, The Colours of Sustainable Development** in March. The two day conclave consisted of four events. The Conclave was inaugurated by Mr. Amitabh Tripathi, General Manager, WAPCOS. On the first day, **Prerna- The Project Presentation** event was organised in which NSS and Enactus Units presented their projects. The event was followed by **Parakram - The NGO Mentorship Program** in which NGOs discussed the challenges faced by various NSS Units. On the second day of the Conclave, a lecture series was organised with Mr. Srijan Pal Singh, CEO and Co-founder, Dr. APJ Abdul Kalam Centre and Mr. Saurabh Chaudhary, Mentor of Change, NITI Aayog. **Phronesis - the Case Study Competition** requiring innovative thinking at the intersection of meeting Sustainable Development Goals and Positive Social Impact was also organised. The Indian Road Safety Campaign of NSS DTU was awarded the 3rd position and a cash prize for its contribution towards the cause of Road Safety in the Quarter 2 of the iSAFE Challenge.

IGTS DTU spreads the use of strategy in India

The Indian Game Theory Society organised their flagship event, **Stratazenith**. The main objective of this event was based around Game Theory i.e. the study of mathematical models. They hosted this event at **Tryst (IIT Delhi)** and **Techkriti (IIT Kanpur)** and were also invited by **Equipoise, Economics Club, IIM-A** to conduct an event on the same.

ASSETS organises FORTUNE' 18

The Accounting Skills and Stock Exchange Training Society of DTU organised **Fortune' 18**, the annual financial and economic fiesta of DTU, in March. Events such as Quiz Whizz, Mock Stocks against the Clock, Ignited Minds and Projectile (Case Study Competition) were conducted for students to test various abilities such as synergy and teamwork skills.

Pratibimb dominates the theatre circuit

Pratibimb - The Dramatics Society of DTU has shown its profound presence in the Delhi University Theatre Circuit with its two stage productions - **Treadmill** and **The Interview**, and its street production **Tript**. The society has more than 25 achievements in direction and acting for both street and stage wings and performances on all major platforms - NSD, Sahitya Kala Parishad, Thespo (Prithvi Theatre), Old World Collegiate Theatre Festival (India Habitat Centre), Medina (Hindu College) and National Theatre Festival.

ALUMNI NEWS



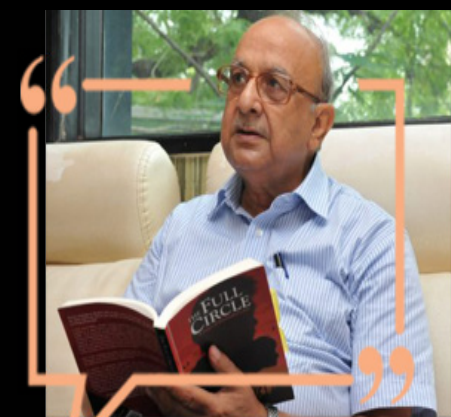
SANJAY MODI
Angel Investor. Consultant.

- Batch of 1990, Mechanical Engineering.
- Pursued MBA from Institute of Management Technology, Ghaziabad.
- Senior Sales Engineer at Ingersoll Rand India Pvt. Ltd. from 1990 till 1996.
- Managing Director at APAC and Middle East from October '01 till March '18.
- Currently a board member of Wheebox, which powers India's largest talent demand and supply study.
- He has his own blog where he explains different aspects of career, business and entrepreneurship.
- He has been a speaker at various prestigious forums and his authored pieces have been published in a number of acclaimed national and international publications.

- Batch of 2001, Mechanical Engineering.
- Graduated from IIM Lucknow in 2003 and was recruited by Tata Motors as Senior Officer.
- Studied graduate courses at University of Tennessee, Knoxville.
- Worked as Manager Analytics at Citi group, 2006.
- Started a blog on data science called "DecisionStats" in April 2007.
- Served as Principal Consultant at Wipro Technologies, February 2017.
- Currently a Data Scientist at Kogentiz Inc.
- Authored internationally recognised books on R and Python.
- Latest work is usage of multiple languages (polyglotism) in open source analysis.



AJAY OHRI
Data Scientist. Author. Blogger.



RATAN KAUL
Arbitrator. Management Consultant. Author.

- Completed his B.Sc. from Panjab University in 1959, and B.E. from Delhi Polytechnic (present day DTU) in 1963.
- Also studied at Hindu College, University of Delhi for a couple of years.
- With a professional career of over 30 years in industrial project management, he has worked for projects like first power generating system established in 1905, first tram in Delhi established in 1908 and first furnace of Tata Steel in 1911.
- He has written two novels:
 - Wings of Freedom (a historical romance novel)
 - The Full Circle: A saga of unrequited love.
- In 2009, he co-authored a book on "Arbitration: Procedure and Practice".
- He has delivered lectures on arbitration, and has also contributed papers for seminars.

The Annual Alumni Meet 2018

In the Annual Alumni Meet, golden and silver jubilee batches were felicitated by the DCE-DTU Alumni Association. Twelve members of the 1968 batch and around thirty members of the 1993 batch were felicitated. Eminent personalities like **Mr. Karnal Singh**, Enforcement Director, **Mr. Arun Goel**, Secretary, GST Council and **Mr. Sanjay Diwan**, President, DCE-DTU Alumni Association were present. **Mr. Arun Goyal**, IAS and Special Secretary, **Mr. Akhil Joshi**, Director (Power), BHEL, **Mr. CV Raman**, Senior Executive Director (Engg.) Maruti Suzuki Ltd. and **Mrs. Seema Gupta**, Director (Operations) Power Grid Co. India Ltd were presented with Distinguished Alumni Awards for 2018. On behalf of the University, **Prof. Pravir Kumar**, Dean, Alumni Affairs, felicitated the alumni. Two current professors - **Prof. K.C. Sharma** and **Prof. N.K. Jain** were felicitated with the Best Teacher Award. Toppers of all batches from 2014 to 2018 were also given a medallion.

Second Reunion in San Francisco

The second reunion of North America Chapter for DCE/DP/DIT/DTU/NSIT alumni was held in San Francisco, California from 16th to 18th February, organised by **Mahesh Joshi**, **R Paul Singh** and **Sanjay K Srivastava**. The meet commenced with the introduction of the North America Chapter and other alumni initiative updates, followed by a speech delivered by **Prof. Anu Singh Lather**, Pro Vice Chancellor, DTU. Various notable alumni such as **Dr. Durga Agarwal**, President and CEO, Piping Technology and Products, Inc, **Dr. Promod Haque**, Senior Managing Partner, Norwest Venture Partners, **Dr. Yogi Goswami**, Professor, Florida University, graced the occasion. The final day of the meetup witnessed individual batch meetings of our alumni. More than 200 alumni attended the reunion.



Global Collaborations

Prof. Anu Singh Lather, Pro Vice Chancellor, DTU and **Prof. Pravir Kumar**, Dean, Alumni Affairs visited the **University of California, Berkeley** on 15th February 2018 to discuss possible collaborations with **Prof. Philip M Kaminsky**, Executive Associate Dean, UC Berkeley and sign a memorandum of understanding. The Dean of the College of Engineering, UC Berkeley reiterated the possible collaborations of faculty as well as student exchange programs focussing on engineering and life sciences.

They also visited the **University of Southern California** to meet **Prof. C. Raghavendra**, Vice Dean - Global Academics, Viterbi School of Engineering, USC, who is instrumental in the exchange of faculty and students programs at various levels of the University. The meeting resulted in a first draft of the MOU which was prepared and discussed.

THE PAIN OF PARTING
IS NOTHING TO
THE JOY OF
MEETING AGAIN.

CLASS OF
2018



PARIKSHIT GUPTA

“

You can do it, get rid of the mind block.

”

DTU Times interviewed Parikshit Gupta, DIE, Class of 2016 who received a Master of Finance admit from the MIT Sloan School of Management.

What role did DTU and your branch play in orienting you towards your current path?

DIE has an amazing blend of Mechanical, Industrial, and Mathematics subjects. I have been using the first two parts in my job, and whatever else was there is essential to MFin. My bachelor's coursework played an important role in my current path as I was in the right industry. DTU gives us the 'challenge accepted' attitude. It has taught me to be grounded and humble and at the same time differentiate myself from the corporate crowd.

How does one go about selecting B-Schools abroad?

It starts with knowing about the reason that the school was built for. MIT's motto is 'Mind and Hand', they are experts at technology, and crazy about innovation; HBS's mission is 'We educate leaders who make a difference in the world'; MFin has a similar mission. They practice what they say, the foundation drives their mission, and you should see if your goals are somewhat aligned. Now, it depends on what you want to study; you can do the usual thing- examine the coursework, faculty, research history and legacy. If one keeps their scores high, getting into HBS is easier than getting into DTU.

What experience have you gained post-DTU, and how has it helped you in the application?

I have been working with General Electric, in their Operations Management Leadership program. I have worked with three different GE businesses, in different roles, and at different locations. The experience of working in varied business cultures, attending global training, and the access to leadership helped me develop a global perspective, which is what most top schools also look for, because in a business course, the instructor is more like a moderator, the actual tutors are your classmates, you have to contribute as much as you gain.

What must one have in mind while preparing for GMAT?

GMAT is not like JEE or AIEEE. Nobody is testing your mathematical skills. B-school 'entrances' are meant to check if you can be a good CEO in the future. It tests whether you are smart enough to not waste time on a difficult question, move on to a simpler one. Likewise, a CEO has to take a step back sometimes, reorient goals, and strike again. You cannot, and do not have to get everything right. Like in the world out there, be realistic.

What is the major difference between business schools abroad and within India?

I don't know much about B-schools in India, so I'll tell you my perspective on US B-schools; my friends in IIMs might want to debate, though. B-Schools abroad are not designed to have



competition once you get in. Everyone around you will be smart, and it is a waste if people try to get just one step ahead, so everyone just wants to help each other. The community is extremely strong and helpful, they want to push you to the top. I have attended an HBS class, it had people from over twenty countries, with varied backgrounds, and their experiences helped navigate the class. I believe that Indians are amazing at technology, delivering results by putting in the limitless effort and devising the best possible solution. We know how to answer a problem, what we don't know is which problem to answer. Coupled with our brilliant mind, learning management from those who 'just' know management seems like a good deal.

Which schools did you apply to, and what is the major component of your profile you think led to your selection at MIT and Harvard?

I just applied for one course, Master of Finance at MIT Sloan, and I can cross-register at HBS to take relevant business courses. Test scores are just one part of the application. They review the application in a holistic way. Everything that you have done can help you land your dream school, you just have to present it well. They ask for your recent achievements, undergrad score, work experience, and extracurriculars. The most important parts of your application are your LORs and the Essay. There is no ideal essay; they just want to know about you, your motivation to learn, and that if you are serious about your goals. I am not from IIT, studied DIE, work on the shop-floor, and have been selected to study Finance among people who are from JP Morgan, Goldman Sachs. If I could do it, you can too.

SRIJAN PAL SINGH

“

Dr. Kalam said that if you believe in something you're already halfway through to success.

”

health care facilities, and in several countries we worked on carbon neutrality. The crux is that the work I got to do with Dr. Kalam had a huge impact worldwide. It was a quantum leap worth taking.

How was Dr. Kalam as a person?

Dr. Kalam was a scientific saint. He was spiritual but wasn't bound by a particular religion. He read whatever he felt was right and from which he could gather knowledge. Knowledge to him had no boundaries of region, religion or time. He was extremely compassionate, he knew how to interact with humans, he was determined and optimistic. For instance if he wanted to go out somewhere on a particular day but the weather wasn't supportive, he would make himself believe that the weather would change in a few minutes and that he would be able to make the trip. He said that if you believe in something you're already halfway through to success.

Do you feel Dr. Kalam was overambitious with his targets?

He was the person who was single handedly responsible, along with just a very small team, for launching India into space against everybody's expectations, who single handedly developed five missile projects simultaneously in the 1980s, without any external aid and with absolutely zero foreign collaboration because nobody was willing to help because India was not very well recognised. He was the man behind the first nuclear blast, who started Tejas and several other projects. He is the person responsible for getting internet to India- Dr. Abdul Kalam was the Chairman of ISP committee when the internet licences were being allotted and he was the person who headed the committee which decided to give internet licences in India at Re.1. Hence, for becoming someone like him, it is only justified to be overambitious.

Do you think our country is on the path he would've wanted it to be on?

India being a large country cannot be judged sitting in one city, it is unfair to its diversity. It definitely has done great. If you compare from 1947's India to 2017's India, there has been a marvellous transition. In 1947 if people knew their grandchildren were going to have these wonderful amenities they would've been elated. There are some critical sectors in which we are blooming, some of them being the defence and IT, and to some extent farming too, but it doesn't that mean we're near perfection because we started low. Education, for one, is a sector which needs a lot of improvement in our country. Our schools and universities do not hold significant rankings in any of the international surveys and this doesn't spell well for a country which takes pride in its youth population because development comes through education. So yes, even though we've come a long way, yet there is a lot to be worked on and a lot to be improved.



DTU Times interviewed Mr. Srijan Pal Singh, Founder and CEO, Dr. APJ Abdul Kalam Centre and former aide to Dr. APJ Abdul Kalam, who was in DTU for Indradhanush-the NSS Conclave.

How has being a management graduate and having experience in the field helped you through your current profession?

Management is all about leadership, and though management and leadership are two different concepts, they're both neutral to the context to which you apply them. If you ask me, the most common and important example of managerial skills in your day-to-day life is your mother, who not only fulfils the needs of your home but also takes care of everyone's happiness with limited resources which is the key quality of a true leader. However, there is a misconception that management is a skill useful only in the corporate sector whereas truth be told, as long as it is done, it can be applied to any field, be it politics or by a homemaker.

While working in BCG, what inspired you to get into the social field?

BCG is a great organisation to work in and I acknowledge whatever I learned over there. I got a great opportunity when the former President of India said that he would give me lateral entry into the Government Services at a very high level and I would work with him on something substantial. We worked on space, solar power, nuclear technology and better

PROF. OM PRAKASH SHARMA

“Nothing can replace a human being as a teacher.”

DTU Times interviewed Prof. Om Prakash Sharma from the Department of Mechanical Engineering. Prof. Sharma joined Delhi College of Engineering in 1972 and has also been the Founder Principal of the GB Pant Govt. Engineering College and the Director-cum-Principal of the Delhi Institute of Tool Engineering.

How has your experience been in DTU post re-employment?

I retired from DTU in 2014, after having a long stint of 43-plus years of teaching here. My subconscious mind is full of those experiences.

There are two or three parameters which have caused the difference. Time is never static. Things will definitely change. The question here is, are we changing for the better, or the worse. It is mixed feeling. If you look at the global conveyance of technology, we have advanced, we are advancing and we will keep on advancing. I still do not see the application of technology in the classrooms and the in the teaching process, which should have been there. The reasons for this could be many and it is not my forte to blame anyone. Second are the behavioral aspects of the students, after all any educational institute is not only imparting knowledge about just the profession and their subjects, it is about moulding the character and mindsets and changing the thinking of the students to make them more all-round so that they can be useful to themselves, their parents, their own family, their surroundings and ultimately to the nation and the world. Having ethics is something which is declining in the students. Many teachers also feel the same way, but then I question the teachers too, because it our duty as teachers to counsel them for the same.

There is an unbiased bond between the students and the teachers which is weakening. The tendency of missing classes-the loss of teaching hours is a huge loss. For a teacher and a student, to miss classes is a crime. I do feel that the situation is going to harm the students, however, after the introduction of the online attendance app, there has been some difference. Without a teacher there is no way a student will be grasping excellence, professionalism and deep knowledge because nothing can replace a human being as a teacher. The quantum of labour a college student and teacher should put in is the next thing I would like to touch up on. Initially a few teachers may be more hardworking than the others. The teachers also must develop their knowledge. There is no reason for teachers to be late to class. I believe that if the teachers themselves are disciplined, then the students will subtly follow. The teaching of the first year students should have been a more serious affair. I feel that the first year students should be taught by the senior professors, this way they will feel the ambience and they will be tuned to stay in that zone of seriousness right from the start.

Mechanical Engineering has gone down in favour in the eyes of many students. What are your thoughts on this?

It is a wrong impression that Mechanical Engineering has gone out favour. Looking at the history of engineering, there were only Mechanical, Electrical and Civil Engineering until a few decades ago. During my college days, a new branch was introduced: Electronics Engineering. Because I was a meritorious student, I could have joined any branch but being sceptical about the scope of the new branch, I didn't join it. But the people who saw through this hindsight and opted for Electronics knew that this is the future. This is what is happening again. There is are a lot of choices that are trending. It is because of this that we feel that mechanical is going out of favor. Students feel that the working conditions of a mechanical student is not glamorous. Students from this branch are never going to be left unemployed provided they are from a good college. I strongly believe that this branch will regain its former glory.

Do you think since you first started, the College/University has improved or declined?

Both. Infrastructure wise, area-wise, if you compare this to the Delhi College of Engineering then that campus was confined to just 8 acres and had less facilities like hostels and canteens. There is a huge difference and a huge progress. We have a very good auditorium, a very good library, there has been so much improvement. I would not say declined, but the success the Delhi College of Engineering had, ranked within top ten after surpassing all the NITs and few other IITs, that is missing now. I would say that the excellence of students and the devotion of the teachers during the 90s which was something which added to the prestige of DCE. On that front, perhaps we have slid down. We can't blame the students for this at all, I would blame myself and my community, that this should have not happened. I believe that the intake of the students should be moderated. Teaching a class of ninety is certainly more difficult. There is a decline, yes, and we should be worried about it.

Students from Mechanical Engineering generally avoid going into teaching and go for jobs instead. What is your message to them?

What you are saying is a universal phenomenon. Even larger institutions are saddened that none of their graduates prefer to come back and take up teaching as a profession. I personally never thought of getting into teaching as a graduate. I came to teaching by default. This was because in 1971, when I graduated, there was a lot of unemployment. Many of my compatriots and I all got into teaching because it was a compulsion, this is a fact. Whether I am a good teacher or a bad teacher, it is up to my students to decide. One thing is, even though I have come into teaching because of compulsion, I have never been dishonest in my profession. I ensure that I always try to do full justice to myself, my students and my prestige. I can say humbly that I have earned the respect of my students, that is my strength and that is my reward. This is something I cherish. I love the respect I get from my students.

EAST CAMPUS CULTURAL COUNCIL



Ajay Kumar, Corporate Cell
Ajay Singh Chauhan, Hospitality
Gaurav Kashyap, Publicity
Rohit, Production
Bhupendra, Treasurer
Prabal Malhan, Planning & Execution
Misha Kalra, Planning & Execution

DTU Times interviewed the first Cultural Council of the East Campus of DTU, which recently organised its first fest, 'Exuberance'.

What is the best thing about being a part of the Council?

It is because of the faculty that the Council formed has been dedicated to their work. Being a part of such a Council is a reward in itself. It has its perks- we get to learn a lot in handling all the clubs formed in our college, we get to improve our skills. Moreover, we, being management students, get an opportunity to manage, refine and enhance our management skills for future endeavours. Since learning never stops, we would like to consider the learning aspect that it provides to be the best part of about being a part of the Council.

What was your motivation for joining the Cultural Council?

During our graduation, most of us were associated with the Cultural Councils of our respective colleges. We were no more a novice to all the responsibility and chores of the Cultural Council. We wanted to make the best use of our abilities and the skills acquired by us in the first ever Cultural Council formed. As everything was to be started from the scratch, it would be a platform for us to enhance our abilities and skills. Moreover, we wanted to set a mark for our upcoming batches.

Since this was the inaugural fest of East Campus, how was the experience of managing it?

It is only hard times that teach us lessons for our lifetimes. Similarly, while managing the inaugural fest, we had our share of ups and downs that showed us many useful lessons. Since it was the inaugural fest, we had to deal with issues like time constraints, budget constraints and limited resources. Despite being face-to-face with such hindrances, the effort of the Cultural Council triumphed, and the inaugural fest was a success.

Any fest experience you would like to share?

Asking to share a specific experience of our fest is like trying to get blood out of a stone, as we had so many experiences. One that may stay with us forever was when a storm brought our fest to a complete halt. The conduct of the closing ceremony along with the EDM Night seemed like a fool's errand at the time. Despite all this, we never stopped hoping and waited for the storm to settle. Finally the first ever EDM Night of our fest turned into a Rain Dance EDM Night!

Read the complete interviews at dtutimes.wordpress.com



PCs Speak Up

Compiled By Anushka Sharma, MAM, 1st Year | Shrey Padhi, PIE, 1st Year

BT (Virup Gautam)

The skills required for technical profiles include proficiency in coding; a website to brush up your coding skills is GeeksforGeeks. Along with this, preparing HR questions is really important. My advice to juniors would be to understand that your temperament is the most important thing. Keep yourself motivated because rejection is also a part of the placement process.

CE (Ayan Tiwari, Shikha Singh, Vishal Singh)

Placements for CE were decent this year as students got placed in reputed Civil Engineering firms. Companies like Brookfield Multiplex, which hired for the first time from India, visited our campus. About the process, knowing about the company is an add on. Ability to explain your internship experience well is important for cracking technical interviews. Never feel shy in reaching out to your seniors.

COE, SE (Himanshu Mangla, Sachin Kadyan, Shray Gahallot)

Getting a placement is not the end of the world. Luck plays an important role in placements. Apart from thorough knowledge of your field, one should be able to think on one's feet and communicate those thoughts well. Those who are not happy with their placements, often apply off campus and generally grab a good opportunity. Remember, it is too early to decide if a company is 'best suited' for you, because your interests are really subjective. Resumes are the real game changers in an interview. Give it importance. Get your resumes reviewed by seniors.

ECE (Apurv Goel, Kartik Jain)

Placements in ECE have been excellent this year, and have encompassed a wide spectrum of companies. Students are placed in companies like Qualcomm, Texas Instruments, and PSUs like BEL, IRCON etc. Many companies like Aakash, VMC also visit the campus for teaching roles. It is true that bright young minds in the country are being wooed by MNC's and their lofty packages but the role of research and teaching is equally important and shouldn't be neglected.

EE, EEE (Jagriti Rajpal, Animesh Das, Shashank Anand)

Consistency is the key to success. Grades are the best way to show that. If you have progressively

increasing grades, make it a point to mention that in the interview and discuss more on the same. The required skills vary from employer to employer, but what remains in demand is your ability to work in a team which consists of people from dissimilar backgrounds. Confidence is good, overconfidence is not. Walk the interviewer through your college experiences, your learnings and your strong domains. This will definitely land you a good job.

ENE (Kanishk Bakshi)

This year's placement results for Environmental Engineering have been better than last year's. My message to juniors would be to not burden themselves with placement issues until their third year and to put their full efforts in researching their area of interest from third year onwards.

EP (Nakul Sharma)

Companies look for problem solvers. One should know how to present oneself in front of the interviewer and qualify as a team player. EP may be a research oriented branch on paper, but in reality, with the subjects we are taught, we have diverse knowledge. That's why placements in EP are also equally good. I am very sure that your seniors will be more than happy to help you with your resumes. The summer breaks should be utilised properly.

IT (Abhishek Kumar)

Placements for IT have been great this year with students being placed in both tech and non-tech companies. Your work experience will give an extra boost to your resume. One of the greatest perks of being a DTUite is the fact that opportunities are waiting for you, you just have to make the right choices. To the juniors, don't panic, organise yourself, work towards your goals and always believe in yourself.

ME, AE (Arushi Verma, Yash Chauhan, Sharad Rohra)

Good grades are desirable, but then again companies certainly don't want a DR who cannot communicate his/her thoughts well enough or has no knowledge or truth on his/her CV. For non-tech companies, one should not forget to practice cases and guesstimates which becomes the deciding factor in most interviews. The key to a good placement is your confidence and perseverance. Apart from two or three firms, companies treat automotive as

equivalent to mechanical, which provides a lot of opportunities for students.

PCT (Abhishek Gupta, Rajat Dhiman)

This year, the stats of PCT students getting placed have fairly improved with students getting placed in companies like IOCL and JK Tyres. Basic coding skills are a must for any profile; one can learn data handling languages like R and Python if they are interested in non-tech opportunities. Placement process includes a round of aptitude test for which various websites can be referred to. Our message to our juniors would be to relax, be thorough with your subjects, have good internship and project experiences and to not lose your calm as you'll get umpteen opportunities to prove your mettle.

PIE (Anshuman Mishra, Nidhish Mani)

Placements for PIE have been really good with students getting placed in Maruti Suzuki, Havells, Deloitte and many more. Skills required for both tech and non-tech profiles would include good communication and analytical skills. Knowledge of Excel or SQL provides an edge. Develop your own answers to classic HR questions rather than sticking to old, cliched answers.

M. Tech., SWE (Vijay Pandey)

Placements have been quite good this year with students getting placed at companies like Amazon, Adobe etc. I would advise my juniors to be mentally prepared for the placement session for it will require your full effort and concentration to get placed in your dream company. Be patient and focus on seizing every opportunity you get.

M. Tech., PIE (Gaurav Sharma)

M.Tech. Mechanical placements have been great so far as compared to last year. To be specific, for Mechanical branch, skills required include AutoCAD, SolidWorks, FEM, etc. As a PC, my message for juniors would be to maintain a good CGPA no matter what, because it is one of the basic criteria for recruitments.

MBA (Bhavya Kapoor)

Since the inception of DSM in 2009, MBA placements of DTU have been getting better each year. MBA students are offered non-tech profiles which require skills like analytical research, knowledge about industry, etc.

The SENIOR JUNIOR HOOPLA

-She who can know anyone, Student Head, 2K17-2K18

-He who knows everyone, Student Head, 2K17-2K18

-He who is known by everyone, Editor-in-Chief, 2K17-2K18

-He who no one knows, Head of Design, 2K17-2K18

-He who doesn't want to know anyone, Head of Photography, 2K17-2K18

Time and again, we've been asked what constitutes the psyche of a **'Senior'**. Before we leave, we decided to address this nagging concern by describing a few situations. The infallible social classes of Seniors and Juniors should be distinct by the end of this piece.

What is it with all these **'Seniors'**? Do they wear this badge of seniority? Or is it the work that they had put in that matters? Will the juniors ever be able to subvert this hierarchy, which is based on when someone took the JEE? The following is an account of the unexpected.

Note: 'Seniors' may choose not to read. Because what seems conspicuous here may not be so, and may not even be targeted at them. Seniors and juniors are just words, because we couldn't find better labels.

Seniors. They are the ones who ideally handle the happenings in an organisation, and guide juniors on what to do, and more importantly, what not to do. It is useful to establish here that the distinction is made clear by those who handle the proceedings, and those who follow. In the specific case of ours, the terms lose their meaning.

The juniors are supposed to utilise skills, experience, knowledge, and insight of the seniors, to make sure that they do not make any mistakes.

It is essential, however, for the seniors to be *available* to impart this knowledge in times of dire need. Here, even among peers or people of the same cadre, initiative and perseverance are exhibited by those from whom the virtues are least expected. At least not until the distant future.

Working as a team is a joy in itself. The ideal seniors motivate their peers and juniors to work, and lead by example. They inspire many members by their work ethics, and their enthusiasm. In a scenario where the juniors are more worried about the quality of services an organisation provides, the burden to save face falls on those who give a damn, and they, due to their sheer affinity towards what they do, end up steering the ship, and calling the shots. The seniors, now, are the ones who follow their leads, and *try* to execute them.

In any organisation, it is important for the seniors that they give their seal of approval for every *initiative* a junior takes. The seniors must not feel excluded, or fail to exercise the seniority they possess. They might leave no stone unturned to ensure their dominance is asserted and take special pleasure in allotting work and overseeing things through success, and more frequently, failure.

At this point, the authors would like to provide a few suggestions to the juniors :

- Guilt-free passes may be provided to those pretending to work. The passes will ensure their timely participation at the final moment, to seize the new guilt-free pass. At least this way, once in a blue moon, they will surprise everyone with their experience. Just maybe.

- "Whatever keeps them up at night, keeps 'THEM' UP," should be the new accepted quote of the century. Once the quote becomes comprehensible, you'll survive quite well in the structure, and then the key is to just work, and work on their part, too.

- 'Respecting' them unconditionally is all they need, even though you know their actual calibre. Talking about self worth, even the exorbitant rise in the price of tomatoes can't beat their stature. Finding yourself surrounded by them with questions being projected at you is the best you can get in return. Honestly, even that is a lot to expect.

For the sustenance of any organisation, any quantification of the number of people of that breed is mandatory because then you'll need to do better than your previous better versions and not theirs. All things considered, this seems to be the legit way to opt. Way to go, people!

Stayalive

- Devank Tyagi, Editor-in-Chief, 2017-18

Imagine a party where the host stands up on his chair, clinks a glass and fills the hall to the brim with attention, clears his throat and pronounces, in an unctuous little tone, "*Mr. Tyagi, this evening would not have been possible without you. Thank you so much for... leaving us today.*" Unlike most English words with not-so-English roots, the word 'farewell' is rather simplistic in its origin - 'fare' and 'well', a wish to have good things happen to you in life, seeing the person you have become today.

The irony, then, of having someone come up to me,
- Congratulate me on having seen more of the world and its vagaries than they have,
- Appreciate the toil and pressures of my life that they haven't yet had to face,
- And then ask for a treat to please them about my achievements, is not lost on me.

Saying farewell to a person for their future is the equivalent of saying 'bless you' after a person sneezes - if that miniscule, forceful exhalation was a serious threat to your life, that tiny comment was never going to save you. Considering the inertness and lack of purpose of the currently existing word, I would like to propose a replacement word.

Farewell must now be replaced with Stayalive.

Experience teaches a human being only one lesson, time and time again.

It teaches us that there will be problems. It teaches us that there will be times when no solution

to the problems seem to exist. However, it also teaches us that problems catalyze change, bring about new realizations and above all, unearths the strength to never be bogged down by the same problem twice. All that is required, is to keep at it.

So Stayalive.

Stayalive, first year. Not all things in life go like your Electrical midsems.

Stayalive, second year. Things are usually easier to find than a summer internship.

Stayalive, third year. Life is not as unfair as your marks-to-CGPA conversion.

Stayalive, fourth year. The majors and minors of life await us.

The trick is to keep breathing.

Signing off.

Musings of the Graduating Mind

Radhika Dang,
Student Coordinator, 2017-18

"Now this is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning." - Winston Churchill

This quote has a famous battle associated with it. It marks one of the first victories of the British army against Nazi Germany in World War II. While university life is not WWII (though it sure feels like it sometimes), it marks the beginning of a milder battle called life, as it gave me the first taste of life's ebb and flow, of days full of deep sadness to many months of mad joy, of bonds that were too fragile to begin with to relationships that will hopefully last a lifetime. The farewell is only the end of the beginning of this beautiful first

chapter of life and brings with it a flurry of mixed emotions. Denial, for who wants college life to end? Amusement, at my own transition from being a reckless and clueless first year to becoming a slightly wiser and yet just as clueless final year student; and gratefulness, for experiencing everything I did here, professionally and otherwise. I do not remember what I had imagined college life would be like when I stepped into the gates of our beloved DC Kaalij in Bawanaland.

Looking back on my four years here, I can safely say, **"I definitely did not expect THAT!"**

I still remember getting lost in the streets of Rohini, wondering which part of the city I had landed into for college, when I first visited DTU. And yet, I fell in love with it with the first step I took inside.

It's what the magic of Bawanaland is!

It takes you to your highest spirits and even tests you in the dullest, but never fails to fill your heart. Toddling through the journey that began from aimlessly laying at the OAT to tensely roaming in TnP, across the steps of the pool taught me more than any anything else ever did.

I entered college an unworldly 18-year-old and am proudly going to walk out a confident, ambitious and self-willed individual and I cannot give enough regard to the experience at DTU for the same. In these last days, besides gratitude, my heart is overwhelmed with blessedness, joy and contentment. I wish to relive the past four years of my college life in the four weeks to come, and savour and store all memories in a cherished sphere of my heart forever, as a souvenir of the incredible journey I was blessed to undertake, here at DTU!

REMINISCENCE

Srishti Dahiya,
Associate Editor, 2017-18

DTU: Reflections

Chaitanya Sethi, COE, 4th Year

Time moves slowly but passes quickly. As I try to distil my life in college, I am bombarded by a wave of memories. College has been a bittersweet microcosm of the world yet to come. It wasn't love at first sight between me and DTU. It was a love that took adjustment and patience. I reflect upon myself in different phases: the naïve fresher, an above-average student, a team-member of different societies, and finally, a placed student. I realise that it isn't any major event that I hold dear. What I cherish is the cumulative sum of small joys whose limit tends to infinity. It is the luxury of time and the privilege of each other's laughter. The epiphanies we shared over cups of coffee, the startups and podcasts that we planned but never came to be. The ups and downs of examinations, the frivolous gossip shared, the loitering around within campus, the spontaneous plans that materialised within minutes, and those chalked-out plans that

never saw the light of day. Those promises of paying each other for the food today, those pointless excuses for partying another day. Lamenting over how this was wrong and that never works and people are so and life is such. Worrying about who would date us and who would hire us. Wondering if we made enough of ourselves.

Today, we are changing careers, starting new jobs, leaving towns. The anxiety is natural. But I know we will find ourselves somewhere, somehow. And even if we don't, there will always be a road that leads to Bawana where we can find comfort. Where we loved, laughed, cried, consoled and rejoiced. My DTU has been the people who have given me endless joy. And no matter where we are, in them, in our jokes, in our 'remember this and remember that', DTU shall forever live in me and so shall I, in DTU.

Between Everything and Nothing

There's a certain exquisiteness to Nescafé's iced tea when you're around. You, you fourth year, sprinkling my otherwise plain Maggi with your spicy quips of what it's like to finally get out of University...

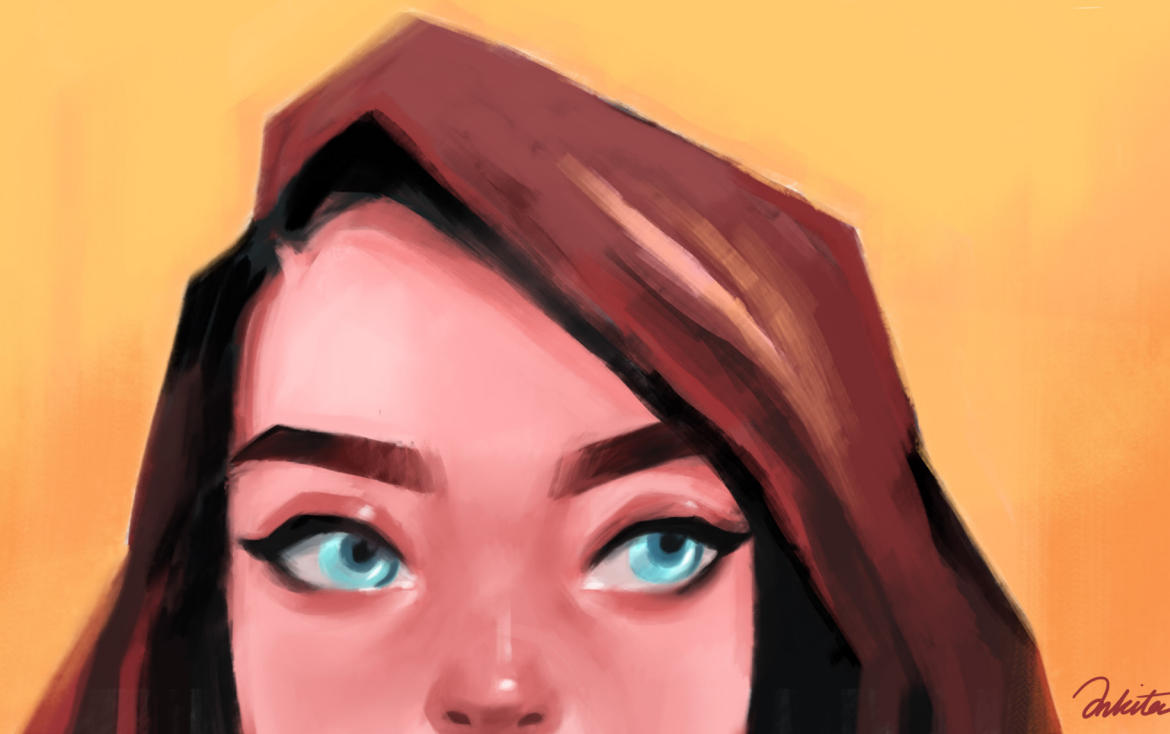
And, a silly second year me, the otherwise plain Maggi in the equation, still wonder why they chose the number 42 in the Hitchhiker's Guide (I'll read it after the endsems, thank you very much); neither do I want the answers to everything, nor do I want to be belittled to the nothingness of my first year - I just want to mean as much to a junior as you, mean to me.

Alright, yes, the above two paragraphs might have been a romanticised exaggeration of what juniors feel for their adoptive parents (masked as seniors); but like a shawl on a windy day, you've backed me enough - through the supposed existential crisis of second year, through those night outs in the first year, and through those spinning whirlpools of classes, societies, interests and the future. But like all good things in life, it's time for you to leave, and for me to switch to cold coffee.

Shenanigans and stories of your past four years have been the highlight of my last two - from setting fire to the field, to locking the HR in the bathroom and obviously your impromptu trekking trips. I always wondered how you were so sorted, and you always told me, it's the art of transforming nothing into everything. I still don't know what that means, maybe I will in two years or maybe I'll call you after ten, when once more, nothing feels alright, masala maggi tastes bland and your pretentious Bollywood dialogues come back to me as blaring red signs in the dead of the night.

Which brings me to the fact that I (sadly) have two more years to find my pot of gold on the other side of the DTU Entrance Gate, but right now, I'd gladly stay between having everything and being nothing (or rather, being everything and having nothing? I guess both work just fine). I know there's going to be little crunch in my heart when the Soda Point Uncle and Rahul Bhaiya ask about you, but I also know that there's going to be a convocation, where you, you fourth year, with your stupid Punjabi songs and fake logical explanations, will come back and I, silly second year, will get to write another article about you, telling you everything I never would have in person.

- Kripi Badonia, IT, 2nd Year



Gangs of Whatsappur

Shaleen Jain, ECE, 2nd Year

Akansha Gahlot, EE, 1st Year

It was an eerily glorious day for the citizens of WhatsAppur as they had been inundated with news about big-name collaborations with other social media platforms, just like every other. While many saw it as a victory, a select few knew things were never going to be the same again. The Gangs of WhatsAppur could be quite inimical. They have revelled in spreading fake news since time immemorial. Their transformation from a small-time venture to being the controller of nations has been a story in itself. The Gangs have gone through the test of time and prevailed over law and order, since fueling the disbelief of citizens amidst a lack of personnel meant they always won.

WhatsAppur can be a funny place where news like *"Pope Francis Shocks World, Endorses Donald Trump for President"* can make sense. While in reality the headline is funnier than Trump's Twitter feed, it can spread like wildfire. As much as you would like to deny it, the truth is that such titles have started to take a toll on the logical ability of people. It's as if the media is no longer a window of reality checks; it is now like Pinocchio's face immersed in spicy, self-serving and exaggerated fiction.



Sane people are still curious to know what it is about these cringeworthy spam messages that makes natives believe that the WhatsApp CEO has personally asked them to remove their DPs, or else their account would be hacked. Not to mention the magic that follows when you forward a message to 50 other contacts!

The Gangs now face their biggest test in competing with external cliques, where things get tricky. There will always be lacuna flying around. One can only envisage the future of the simple, dull natives of the town, the poor victims engulfed by fake news. The Gangs need to be eradicated and the citizens, enlightened. Needless to say, these squads will suffer an eventual debacle. The citizens will have to bring about a revolution to restore law and order. As of now, all we need is to STOP affirming fake news-simple.

अंतर्द्वंद्व

लोकेश नारायण शंकर, आई.टी., प्रथम वर्ष

आखिर बात क्या है? मुझे हुआ क्या है? पहले तो ऐसा नहीं था। मैं बचपन से छालावास में रहा हूँ लेकिन अब यहाँ रहने में घुटन क्यों महसूस हो रही है? क्यों आजकल कोई भी चेहरा वास्तविक नहीं लगता? क्यों हर चेहरे पर एक अजीब तरह का मुखौटा होने का आभास होता है, जो बीते कल और आज के पल में खुद अपने मुखौटे को बदलती नजर आती है। मैं इस बनावटी दुनिया से ऊब चुका हूँ। अब तो सुकून और वास्तविकता की चाह हो चली है। इतना सोचने के बाद चाँद की रौशनी में कुछ देर अकेले बैठा, थोड़ी देर बाद आभास हुआ, चाँद तो हर रोज नए मुखौटे में आता है फिर, हर रोज इतना प्यारा क्यों लगता है? कारण जो हो, लेकिन अब बेसबब मुकुरा देता हूँ जब कभी चाँद नज़र आता है।

ये जो सुकून मिलता है यहां बैठ कर यही सुकून हमारी कमज़ोरी है। 'सुकून' ये बेहद ही व्यक्तिगत शब्द है। इसके होने या न होने का आभास एक व्यक्ति स्वयं कर सकता है। पर बड़ा सवाल ये है कि ये मिले कैसे? जी हाँ, ये सुकून

व्यष्टिगत कर्तव्य से उत्पन्न व्यक्तिगत मानसिक संतुष्टि ही है। इसे सरल शब्दों में हम यूँ कह सकते हैं कि जब हम आपने समाज में अद्वैतुक भाव से कोई कार्य करते हैं जो किसी कि आवश्यकता को पूर्ण करता है। उस पूर्ति के बाद उस व्यक्ति के चेहरे की मुस्कान या जीव की आत्मीयता हमें एक अलौकिक सुख देती है, इसे ही सुकून कह सकते हैं। अर्थात् जीवन का सुख और सुकून परमार्थ में ही निहित है। मैं स्वयं इसे रोज़ महसूस करता हूँ। जो कार्य मेरी अपनी ज़रूरत होती है, मैं उसे बेहद उत्सुक होकर करता हूँ। जहाँ केवल अपना स्वार्थ होता है और जैसे ही उस कार्य में सफल हो जाता हूँ, उत्सुकता खत्म हो जाती है। स्वार्थ सिद्ध होने के बाद वो कार्य तब मेरे लिए बस आवश्यकता पूर्ति का एक निर्जीव माध्यम लगने लगता है। उसके प्रति कोई विशेष लगाव या फिर स्मृति नहीं रह पाती है। परंतु जब भी कोई कार्य बस एक कार्य समझकर या फिर उससे समष्टि से जोड़कर या परहित को ध्यान में रखकर करता हूँ, तब मैं स्वयं को जिम्मेदार पाता हूँ। इसमें कार्य सिद्धि के बाद भी एक मानसिक संतुष्टि हमेशा बनी रहती है।



Sourajit

Vigil

Rohan Mishra, SE, 3rd Year

Be wary of the virtues,
not just the vices.
Be wary of melancholia
in the guise of contentment.
Be vigilant of your thought,
and your faith and prejudice.
Be vigilant in search
of Truth and Experience.
Be stoic when you are not in solitude
and when you are.
Be not docile, but active in seeking
and sharing the Love.
But most of all - be sure not to pass
your life as if in a dream.
It is a world where radicals never thrive,
and the blameless never live.



Sourajit

Error on Line 42

Gul Asnani, COE, 2nd Year

Pratik Anand, COE, 1st Year

If spending the waking hours of my day in front of the glaring screen isn't enough, it is the blissful night that has its privacy eluded. My partner for these nights is my clingy friend - my laptop.

One thing that my constant companion and I often fight over is my messy code, and the machine's unhealthy obsession with semicolons. More often than not, I just let it win. Tonight was no different, and I put my back to rest on my pillow after yielding to the machine. It's customary for my little flat electric pal, my laptop, to have the last word, and I am put to sleep by the good grace of its debugger, and Lord Google of course.

It is just the way most of my 2 A.M. bug hunts end - with me 'introspecting' and thinking about the 'bigger picture.' /*If I were perpetually my 2 A.M. self, I would have been a world-famous Guru by now*/. My hurting head drags me back to the early days of my graduate career - when

everyone around me was busy bringing their screens to life /*instead of searching for the few bits of life away from the screen*/ with magical instructions.

I can picture my younger self, who used to be a tad too intimidated with every geek he came across- which was over half my colleagues. Intimidated by how they somehow knew much, so much more than me; how they had this fixed picture of how the world works in their minds, while I used to struggle even with the semicolons. /*Note to self: don't be afraid to be that black sheep in the ocean of white woolly creatures*/

The nostalgia washes you over in waves. Each wave brings back the past. The past where swimming with the flow was the norm. The past which had come back to hit me with full force in the face, right when the rat-race of competitive exams was supposed to end. Looking back, everything was regardlessly simpler back then. In contrast to now, when the 'bigger picture' has unfurled before me.



Sourajit

You see, life is a lot like what I see on the screen. It moves on in quick succession due to which it is easy to miss out on the little things. The things which make every day a little brighter, the moments a little more colorful. Without which it feels like there's something amiss in life, upon which you can't put a certain finger on. Just like a semicolon, that one element that causes a compilation error after you're triumphantly banging your chest in honour of a completed program, the little glyph is just so pissed on being ignored that it puts a pause on your celebration.

Captured Emotions

Scared. Nervous. Happy. Sad. Ecstatic. Stressed. Relieved. Drained out. Lost (and found). On 5th April 2018, loads of memories were created as DTU Times organised the official Batch Photoshoot for the Graduating Class of 2018.

The day was about realising the magnitude of your impact as you saw your entire batch for the first time in four years. It was about realising that wherever you go, all of you who were present at the OAT on a sunny Thursday morning, will always take this institution with you.

The day was about meeting that one friend with who you never hung out with after the freshers' night, to meeting a friend with who you shared loads of anxious TnP moments. The day was also about meeting long lost acquaintance with whom you lost touch after your second year, and reminiscing on the failures and successes of your tech team as you clicked group photos with your mates. It was about professors who let down their strict guard as they clicked photos with their dear students.

While we cannot express all the emotions and experiences that you have gone through in this long and eventful journey of four years, we have tried to portray those emotions through these moments.





Karan Singh Bora, 1st Year, EE
Parangat Mittal, 1st year, ECE

3 hrs

Imagine you finally step foot in Goa, after the four years of planning it took, as the gentle breeze greets you. After posting an impulsive check in update, you encounter an advertisement on tourism activities in ... wait for it... **Goa**.

Maybe it is magic at work or just maybe mischievous Mark is passing on your data to other companies. Remember when Facebook asked if it could access your location? Yeah, you got it. Now MakeMyTrip also knows when you skip college, along with your attendance app.

Smiling Zuckerberg pictures are all over Facebook, and you'd be forced to believe that the billionaire is really a huge narcissist if it weren't for the hilarious captions that follow. Quick flashback to a couple of years ago when Facebook silently slid in a clause in their heavily ignored T&C that said that some user data can be accessed by third parties for "advertisement" purposes. Shady tactics from Cambridge Analytica followed, who used this data to manipulate specific target users with certain agendas to influence the United States

Presidential Elections.

The information that we provide applications unknowingly is certainly a point of concern. Such information can be used to consolidate your opinion on politics or religion by surrounding you with opinions similar to yours. This can lead to isolation of a particular section of society. Now, imagine this happening to the largest democracy in the world where cultural and religious barriers are already prevailing.

We know you want to keep your data safe, and we can tell you how.



The U.S. Senate and 42k others

Oldest

Mark Zuckerberg is waving at you!



Pratyush Jain, 2nd Year, IT
15 April at 11:39

DOs:

- Use a shortened version of your name. Finally that 8th-standard stupid nickname has some use.
- Limit past posts from public eyes. After all, not everyone has had a smooth adolescence.
- Personal details should be shared very carefully.
- Opt out of data sharing on friends applications, you might end up leaking all your data to the third party applications.

DON'Ts:

- Accept any friend request before authenticating the profile. Anyone can be an Angel Priya.
- Use the same username and password for social media platforms and banking accounts.
- "Check-in" at every moment of your life, so that Facebook has a record of all your location history - you don't want Mark to be sitting behind you in your flight. Or do you?
- Give permissions to third-party applications, blindly. A small game obviously needs to know where you passed your high school from.



MEET THE TEAM

FACULTY ADVISORS



Sh. Anoop Lather
Public Relations Officer



Prof. S. Indu
HOD, ECE Department



Prof. Rajeshwari Pandey
Associate Dean Academic (UG)

ALUMNI ADVISORS



Garima Mishra
Class of 2017



Namya Bajaj
Class of 2017



Salman Javed
Class of 2017



Shashwat Kishore
Class of 2017

STUDENT COUNCIL



Pallavi Samaiya
Student Head



Alok Ranjan Kesari
Student Head



Sirish Oruganti
Editor-in-Chief



Devank Tyagi
Editor-in-Chief



Modassir Iqbal
Head of Design



Aryan Sagar
Head of Photography



Himanshi Jain
Head of Web Development



Alfred Thomas
Student Advisor



Sneha Roy
Student Advisor



Radhika Dang
Student Coordinator



Srishti Dahiya
Associate Editor

Assistant Editors

Amit Dogra, Gursifath Bhasin, Shivam Jha, Siddhant Patra, Utkarsh Verma, Vishesh Kashyap

Coordinator, Illustrations

Divyanshu Singh

Photographers

Aakarsh Singh, Arundhati Tewari, Jessjit Singh, Mukul Tanwar, Nikhil Kerketta, Shikhar Verma, Shlok Kapoor, Shubham Raturi, Vedant Tiwari

Associate Illustrators

Deepanshu Galyan, Ankita Singh

Columnists

Akansha Gahlot, Anushka Sharma, Chaitanya Sethi, Gul Asnani, Hitee Singh, Karan Singh Bora, Kripa Badonia, Lokesh Narayan Shankar, Parangat Mittal, Parth Goel, Pratik Anand, Pratyush Jain, Pratyush Thakur, Raunak Kapur, Rohan Mishra, Shaleen Jain, Shashank Shekhar Jha, Shrey Padhi, Shruti, Srishti Mittal, Zara Khan

Designers

Anubha Kabra, Ashhad Ahmad, Dhruv Jain, Mohsin Hussain, Rupanjali Kukal, Shubham Raturi, Sourajit Bhattacharjee, Tripti Khulbe

Illustrators

Aavriti Arora, Akash Chauhan, Amit Dogra, Dakshita Joshi, Md. Faisal Akhtar, Faisal Ahmed, Sourajit Bhattacharjee, Tanmay Singh

Web Developers

Gaurav Goel, Mukesh Gupta, Nipun Aggarwal, Rajyavardhan Singh, Sandeep Yadav

DISCLAIMER DTU TIMES is edited and published by the DTU Times Team and printed by Arti Printers, New Delhi. DTU Studio is the Official Photography Partner of DTU Times.

The Publication is meant for internal circulation only and has no commercial purpose whatsoever. The views expressed in DTU Times are entirely personal and not necessarily the official views of DTU. The Publication is based on news as gathered from sources.



EIGHT TO EIGHTEEN

I sit reminiscing
Those good old days
Where if my pencil went missing
My eyes went ablaze

I had some reasons to cry
A million reasons to smile
And to bid adieu as I try and try
I ponder about this journey, and its never ending miles

I remember my first day at university
Wishing desperately for an invisibility cloak
And wondering if I was witty enough
For the standards of those who liked to joke

How I miss those nights
Before endsems, in the library that were spent
Trying to reach the heights
Which were too far of an intent

So I stroll for a last time,
Soaking in the hues, filling the curves in
And not willing to give a dime
For giving it all away in a blink

As time passes by,
And some parts of it litter
'Callige' is only an e-rickshaw ride away!
Is a truth I'll never let wither