



DTU TIMES



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EDITORS' NOTE

“Journalism keeps you planted in the earth.” - Ray Bradbury

Established in 2009, DTU Times has upheld the necessities and ethics of College Journalism, and has strived to bridge the gap between the Administration and the Students. Continuing with its ongoing legacy of Active College Journalism, DTU Times proudly presents its 36th Edition.

We have always endeavoured to cover the University News and Events in entirety, along with providing a platform to the students to express their views and showcase their creativity. This Edition is an original work of the DTU Times team revolving around a multitude of ideas, ranging from the fervour of Festivities to the speculation of End Semester Examinations. Through this edition, we specifically want to invoke the social conscience of our readers, by honouring the Unsung Heroes who mould our future, dedicating the Centerfold to their stories, and their lives.

Our attempt is not only to provide an insight to the happenings of the University, but also to trigger a thought process in the readers' hearts, regarding various issues which encompass our day to day lives. The Edition also provides an insight to the reputed work of our Alumni, which instills pride in everyone who is associated with the University.

We, as a team at DTU Times are grateful to our honorable Vice Chancellor, **Prof. Yogesh Singh** for being an incessant source of inspiration. The University is bound to reach pinnacles of excellence under his guidance. His unabating support and unparalleled vision will undoubtedly take DTU to newer heights of brilliance.

We ardently believe that you would appreciate the effort put in by the DTU Times Team in the Edition. We would love to hear what you have to say about the edition, and our other platforms. Feel free to get in touch with us by messaging us on our Facebook Page. **Happy Reading!**

-Team DTU Times

WHAT'S INSIDE

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E-Resources: A Gateway for Research

The Central Library has been investing in database subscriptions lately besides getting access from the e-Shodh Sindhu (INFLIBNET). In order to create awareness and promote the usage of these resources a 5-day workshop in September, 2016, was also organised. The objectives of this workshop were to create awareness about the E-Resources accessible from The Central Library and to encourage their use. The workshop also provided an insight into how to create a personal digital library and write quality project reports.

The Central Library observed Vigilance Awareness Week in November, 2016. The participants pledged to promote integrity, eradicate corruption, and work with honesty and sincerity.

GIAN

A 5-day GIAN course on "Photovoltaic Array to Utility Interface Power Converters" was conducted in August, 2016. The course promoted the utility of alternate energy sources. Prof. Ashoka Krishna Sarpangal Bhat, University of Victoria, Canada, Prof. Madhusudan Singh, HOD, Dept. of Electrical Engineering, and Dean UG, DTU and Mr. Sudarshan K. Valluru, Associate Professor, Department of Electrical Engineering, DTU, were the faculty members for this course.

A 2-week GIAN course on "Geotechnical Structures, Geosynthesis, Reinforcement and Confinement" was conducted in September-October, 2016. Dr. Sanjay Kumar Shukla, Editor-In-Chief, The International Journal of Geosynthetics and Ground Engineering (Springer International Publishing, Switzerland) and Dr. A Trivedi, Professor, Dept. of Civil Engineering, and Dean, Industrial Research, DTU, were the faculty members for this course.

Both these courses were open for all B.Tech. and M.Tech. students, Ph.D. research scholars, faculty members, executives, engineers and researchers from manufacturing, service and government organisations including R&D laboratories.

ICAPIE-2016

International Conference on Advanced Production and Industrial Engineering will be organised in December, 2016, to provide a forum for the best talents from academia and research institutions, industry experts, management professionals, engineers and executives, to collaborate and address the current challenges in the newer domains; discovery, innovation and advancements, and hence to promote the contribution of Production and Industrial Engineering and technology in the establishment of a sustainable future. The conference will aim to promote synergetic partnership between academia and industries and to showcase the growth of cutting edge technologies developed in the field of Production and Industrial Engineering in the recent past.

IICIP - 2016

Dept. of Computer Science and Engineering in association with IEEE Delhi Section organised the 1st International Conference on Information Processing, in August, 2016. The conference witnessed a large number of participation from academia, industries and government organisations. Manuscripts for four different tracks viz. Image and Signal Processing, Data Mining and Data Warehousing, Soft Computing and Evolutionary Computing, and Information Security, were invited. Prof. Yogesh Singh, Vice Chancellor of DTU was the chief patron of the committee which was chaired by Prof. O.P. Verma, HOD, Dept. of Computer Science and Engineering. Prof. Bhabatosh Chanda, ISI Kolkata and Dr. Narendra S. Chaudhary, Director, VNIT Nagpur delivered the keynote address.



InSIS

National Seminar on "Ancient Wisdom and Multimedia Learning Transform Modern Education" was organised by

by the Indian Society for Indic Studies in collaboration with Delhi School of Management, in October, 2016. The seminar aimed at bringing together educators, scholars, administrators and policy makers on a unified platform and to explore the means of establishing a society based on respect for all. The seminar focussed on exploring the potential of interactive Multimedia Technologies and its utility in accelerating the process of individual and global transformation.

RAME - 2016



The International Conference on Recent Advances in Mechanical Engineering was organised by the Dept. of Mechanical, Automobile and Production and Industrial Engineering in October, 2016 to provide the researchers with an opportunity to present their research work in the areas of Aerodynamics and Fluid Mechanics, Computational Mechanics to Refrigeration and Cryogenics, and Acoustics. 150 research papers from more than 600 authors were received during the conference. Prof. Nitin Kumar Upadhye, University of Modern Sciences, Dubai, Prof. K.A. Subramanian, CES, IIT Delhi, Prof. D. Ravikumar, MED, IIT Delhi, Prof. Afzal Hussain, College of Engineering, Sultan Qaboos University, Oman and Mr. Hari Das, 3R Management Pvt. Ltd., were the keynote speakers.

TEQIP-II Sponsored Events

Faculty Development Program on "Advances in Microelectronics and Plasma Diagnostics" was organised by the Dept. of Applied Physics, in September, 2016, with Prof. S.C. Sharma as the Chairman, Dr. Rishu Chaujar as the Course Coordinator and Dr. Rinku Sharma as the Co-coordinator to impart knowledge in the field of Recent Advances in Microelectronics and Applications. The course highlighted issues, challenges and applications related to

Plasma and its Processing. The coursework included Quantum Modeling in Multi-Gate MOSFETs and future Quantum Devices, Micro/Nano Structure Developments, Plasma Dynamics and Microwave Devices.

Faculty Development Program on "Environmental Pollution: Monitoring and Control" was organised by the Dept. of Environmental Engineering, in October, 2016, with Dr. A.K. Haritash as the Course Coordinator and Dr. Rajeev Mishra as the Co-coordinator for the event. Prof. S.K. Singh highlighted various Environmental Concerns in India; Water Quality, Health, Air Quality and Decentralized Wastewater Treatment. The short-term course also covered Advanced Instrumentation and Monitoring Techniques, Remote Sensing and GIS applications in Monitoring and Pollution Control.

Welcoming Freshers

DTU Students' Association welcomed the newly admitted students with an Orientation Session in August, 2016. The event started with the introduction of various societies and teams. Engifest '16 Aftermovie was also released during the session and the response was overwhelming.

DTU SA in association with all major societies organised a Freshers' Week during the first week of October. The week started with fun events like Tug Of War. Cultural Train and Flash Mob organised by Madhurima and Soul Diggers respectively, mesmerized everyone. Everyone laughed their heart out during the Stand Up Comedy Show by WiT. Dandiya Night, organised during the Freshers' Week, was a massive success. The campus was ablaze with students adorned in traditional clothing.

The week ended on a high note with a night solely for freshers - Freshers' Night. Everyone was elated by the events organised; street play, fashion parade, beat boxing event, rap and dance performances, just to name a few.



DEPARTMENT NEWS



Dept. of Environmental Engineering organised a Survey Camp for 4th semester B.Tech. students in Goa in July, 2016, with Dr. Rajeev Kumar Mishra and Dr. Anil K. Haritash as the Coordinators of this camp. The survey camp included monitoring of water quality, traffic census and noise level monitoring at various locations in Baga-Calangute Stretch of Goa, a trip to Codli Iron Ore mines, South Goa district, and a visit to the Spice Farms, Curti. In addition to these, a visit to Aguada Fort, a massive rain water harvesting system, built during Portuguese reign in Goa, was also conducted.

A 2-day workshop on "Digital Marketing" was organised by Delhi School of Management, DTU in October, 2016. The workshop was conducted to provide deep insights to the students about the prerequisites for having a successful career in the field of Digital Marketing, and covered a broad range of topics including Marketing, Designing and Optimization.

Dept. of Civil Engineering organised a Survey Camp for 5th semester B.



Tech. Students in Kullu, Himachal Pradesh in October, 2016, with Dr. Mumendra Kumar, Mr. S. Anbukumar, and Mr. B.R.G. Robert, as the Coordinators for this camp. A group of 120 students participated in the tour of the Malana Hydroelectric Plant. The trip also included an industrial visit to Lurgi Hydroelectric Plant situated on Beas River. These visits introduced the students to the practical importance of proper plant site selection and its impact on the generation capacity.

Dept. of Electronics and Communication Engineering along with IEEE DTU WIE Affinity Group organised a 2-day series of Expert Guest Lectures on "Analog IC Design", in October, 2016, with Dr. Rajeshwari Pandey, Associate Professor, ECE and Dr. Neeta Pandey, Associate Professor, ECE, as the Coordinators. The series witnessed participation of over 40 students. Lectures on "Differential Amplifiers: Analysis and Design" by Dr. Mukul Sarkar, Assistant Professor, EE Dept., IIT Delhi, and "Operational Amplifiers: Analysis and Design" by Mr. Sriram Gupta, Senior Analog Engineer, Cirrus Logic, Edinburgh, UK, were organised on the first and second day respectively. The lecture series was a very enriching experience for the students and was highly appreciated.



Dept. of Humanities organised a Short Term Training program on "Research and Publication", and a seminar on "Social Responsibility of Higher Educational Institutions" with Dr. Seema Singh as the Principal Coordinator and Ms. Saroj Bala, Mr. Nand Kumar and Ms. Parinita Sinha as Course Coordinators.

AWARDS AND HONORS

Prof. Radhey Shyam Mishra, HOD, Dept. of Mechanical Engineering

- Recipient, 2nd best Poster Presentation, RAME-2016

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

- Member, Selection committee, NILET, Govt. of India Institution
- Member, CAS Promotion Committee, Syllabus Modification committee, NILET, Govt. of India Institution
- Reviewer, ICVGIP-2016
- Promoted to Head of Department, Electronics and Communication Engineering.

Dr. Seema Singh, HOD, Dept. of Humanities

- Best Paper Presenter from North Zone, 28th AIMS Annual Management Education Convention 2016, Ranchi University, August, 2016

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

- Reviewer, Circuits, Systems, and Signal Processing (Springer), VLSI Design (Hindawi), Microelectronics Journal (Elsevier), and Turkish Journal Of Electrical Engineering and Computer Sciences
- Member, Editorial Board, AEU International Electronics and

Communication Engineering Journal (Elsevier)

- Chair, Technical Session in India International Conference on Information Processing
- Member, Finance Committee, India International Conference on Information Processing

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

- Member, National Selection Committee, USIEF- Fulbright Grant

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

- Invited Speaker; The 67th Korean Physical Society Meeting of Busan-Ulsan-Kyoungnam Branch, Dept. of Physics, Pukyong National University, South Korea, August, 2016
- Recipient, Bharat Vikas Award, Institute of Self Reliance, Bhubaneswar
- Member, Glass and Optical Materials Division, The American Ceramic Society
- Member, National Institute of Ceramic Engineers, The American Ceramic Society
- Member, Centre for Education Growth and Research, New Delhi

Ms. Navriti Gupta, Assistant Professor, Dept. of Mechanical Engineering

- Recipient, 3rd Prize in Poster Presentation, RAME-2016

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

- Reviewer, The Editors of Biosensors and Bioelectronics, Elsevier, Amsterdam
- Chair, Faculty Development Program, Advances in Microelectronics and Plasma Diagnostics, September, 2016
- Chairman, Working Group-III, International Atomic Energy Agency, Vienna Austria
- Assistant Director, All India Council of Technical Education, Govt. Of India



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

- Chair, Session on Cloud Computing Technologies, ICCCS 2016, September, 2016

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

- Workshop on "E-Resources: A Gateway for Research" organised by Central Library, Delhi Technological University, Delhi during the period of September, 2016

Ms. Navriti Gupta, Assistant Professor, Dept. of Mechanical Engineering

- International Conference on Recent Advances In Mechanical Engineering held at DTU, October, 2016

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

- International Conference on "Physics

of highly charged ions", The Jan Kochanowski University, Kielce, Poland, September, 2016

Mr. Paras Kumar, Assistant Professor, Dept. of Mechanical Engineering

- International Conference on Recent Advances in Mechanical Engineering 2016

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

- International Conference on Communication and Computing Systems, Dronacharya College of Engineering, Gurgaon, 9-11 September, 2016

Mr. Ram Murti Rawat, Assistant Professor, Dept. of Computer Science and Engineering

- TEQIP-II sponsored FDP on Advances Information Security-2016

Dr. Ruchika Malhotra, Assistant Professor, Dept. of Computer Science and Engineering

- Delivered three expert lectures in FDP on Emerging Trends in Soft Computing Technologies, Department of Computer Science and Engineering, Guru Jambheshwar University of Science and Technology, Hisar, September, 2016
- Delivered a tutorial titled "Software Quality Predictive Modeling: An Effective Assessment of Experimental Data", International Conference on Advances in Computing, Communications and Informatics, Jaipur, 2016
- Co-chair, India International Conference on Information Processing, August, 2016

Mr. Sudarshan K Valluru, Associate Professor, Dept. of Electrical Engineering

- Organised the GIAN course on 'Photovoltaic Array to Utility Interface Power Converters' from August, 2016 at the Delhi Technological University, Delhi

Mr. Vijay Gautam, Assistant Professor, Dept. of Mechanical Engineering

- FDP (TEQIP-II) on Recent Advances in Fluid Mechanics, July, 2016
- TEQIP-II sponsored Management Capacity Enhancement program, IIM Trichy, Chennai Campus, July, 2016
- Jt. organising Secretary, Recent Advances in Mechanical Engineering, October, 2016

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

- Invited lecture at DST-Inspire camp organised at ITM, Meerut, August, 2016

RESEARCH PAPERS AND JOURNALS PUBLISHED

Prof. Radhey Shyam Mishra, HOD, Dept. of Mechanical Engineering

- "Performance Analysis of CI Engines Using Biodiesel-Diesel blends", RAME-2016
- "Experimental analysis of solar Assisted biodiesel production", RAME-2016

Dr. Rajan Yadav, HOD, Delhi School of Management

- "Behavioural intention to adopt mobile wallet: developing country perspective", Journal of Indian Business Research
- "Reciprocal Effects of Brand Extension on Brand Equity: A Literature Review", International Journal of Marketing and Business Communication

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

- "Novel method for manuscript and inscription text extraction", Signal Processing and Integrated Networks, 3rd International Conference on, IEEE, 2016
- "Comparison of Image Matching Techniques", International Journal of of Latest Trends in Engineering and Technology Vol.(7) Issue(3)
- "Novel Method for Ancient Indian Coins Classification", IJCTA, 2016

Dr. Seema Singh, HOD, Dept. of Humanities

- "A Study of Social Responsibility for Inclusive Growth", 28th AIMS Annual Management Education Convention, Institute of Management Studies, Ranchi University, August, 2016

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

- "Hierarchical clustering of interval-valued intuitionistic fuzzy relations and its application to elicit criteria weights in MCDM problems", OPSEARCH, Springer

Dr. J. P. Kesari, Associate Professor, Dept. of Mechanical Engineering

- "Concentrated Solar Thermal energy: a sustainable and everlasting form of renewable energy", International Journal of emerging Trends in Science and Technology, Vol 3

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

- "LC-ladder filter systematic

implementation by OTRA", International Journal Engineering Science and Technology

- New proposal for MCML based three input logic implementation", VLSI Design, 2016
- "MOS Current Mode Logic Exclusive-OR Gate using Multi-Threshold Triple-Tail Cells", Microelectronics Journal. Volume 57, November, 2016
- "FPGA Implementation of different NRZ Line Coding Schemes", India International Conference On Information Processing, August, 2016
- "A Comparative Study on Electronic Design Automation Tools", RAME-2016
- "Minimum component count low frequency sinusoidal oscillator based on Single OTRA" International Conference on Sustainable Computing Techniques in Engineering, Science and Management

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

- "LC-ladder filter systematic implementation by OTRA", International Journal Engineering Science and Technology
- "Minimum component count low frequency sinusoidal oscillator based on Single OTRA" International Conference on Sustainable Computing Techniques in Engineering, Science and Management

Dr. Archana Singh, Assistant Professor, Delhi School of Management

- "Causal nexus between foreign direct investment and economic growth : A study of BRICS nations using VECM and Granger causality test", Journal of Advances in Management Research, 2016

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

- "Conditional Adherence based Classification of Transactions for Database Intrusion Detection and Prevention", 5th IEEE, International Conference on Advances in Computing, Communications and Informatics, Jaipur, September, 2016 Co-authors: Vaibhav Darbari, Lakshya Kejriwal, Aditya Agarwal.

Dr. Meha Joshi, Assistant Professor, Delhi School of Management

- "Factor Analytical study of safety and health issues in select small and medium

CONFERENCES AND WORKSHOPS

Prof. Radhey Shyam Mishra, HOD, Dept. of Mechanical Engineering

- Chairman; International Conference on Recent Advances in Mechanical Engineering

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

- Technical Program Committee Chair, "India International Conference on Information Processing", August, 2016
- Faculty Development Program "Recent Trends in Pattern Analysis and Machine Learning", July, 2016

Dr. Seema Singh, HOD, Dept. of Humanities

- Principal Co-Ordinator, Short Term

Training program on "Research and Publication"

- Principal Co-Ordinator, Seminar on "Social Responsibility of Higher Educational Institutions"

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

- Coordinator, Expert Lecture Series on 'Analog IC Design', October, 2016
- National Teachers' Congress, Pune, September, 2016

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

- Coordinator, Expert Lecture Series on 'Analog IC Design', October, 2016

manufacturing concerns”, Handbook of Research on Health Care Administration and Management, USA

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

- “Spectroscopic investigation on thermally stable Dy3+ doped zinc phosphate glasses for white light emitting diodes”, Journal of Alloys and Compounds
- “Engendering color tunable emission in calcium silicate based phosphors via ageing of silicate source”, Sensors and Actuators B: Chemical (Accepted)

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

- “Signature of triply excited Li-like V states in ion–solid collisions”, Physics Letters A, Volume 380, Issue 43, October, 2016
- “Revised and extended calculations of level energies, M1 and E2 radiative rates for highly charged tungsten ions from W57+ to W60+”, J. Phys. B: At. Mol. Opt. Phys, 2016

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

- “Novel method for manuscript and inscription text extraction”, Signal Processing and Integrated Networks, 3rd International Conference on, IEEE, 2016.
- “Comparison of Image Matching Techniques”, International Journal of of Latest Trends in Engineering and Technology Vol.(7) Issue(3)
- “Novel Method for Ancient Indian Coins Classification”, International Conference on Sustainable Computing Techniques in Engineering, Science and Management, HIERANK Business School Noida, September, 2016
- “A Novel Approach for Text Extraction from Natural Scene Images”, International Conference on Sustainable Computing Techniques in Engineering, Science and Management, HIERANK Business School Noida, September, 2016

Mr. Paras Kumar, Assistant Professor, Dept. of Mechanical Engineering

- “Hydrodynamic Journal Bearing Performance: An Experimental and CFD Approach”, International Conference on Recent Advances in Mechanical Engineering

Dr. Pravir Kumar, Assistant Professor, Dept. of Biotechnology

- “Reexpression of cell cycle markers in aged neurons and muscles: whether cell should divide or die?”, Biochimica et Biophysica Acta, Molecular Basis of disease; Elsevier, September, 2016
- “Stress-induced synaptic dysfunction and

neurotransmitter release in Alzheimer’s disease: Can neurotransmitters and neuromodulators be potential therapeutic targets?”, Journal of Alzheimer’s Disease, August, 2016

- “Linking mitochondrial dysfunction, metabolic syndrome and stress signaling in Neurodegeneration”, Biochimica et Biophysica Acta
- “Ion channels in neurological disorders, Advances in Protein Chemistry and Structural Biology
- “Molecular Chaperones and Ubiquitin Proteasome System in Tumor Biogenesis: An Overview”, Journal of Cell Biology and Cell Metabolism
- “Comparative study of anti-angiogenic activities of luteolin, lectin and lupeol biomolecules”, Journal of Translational Medicine, September 2016
- “Epigenesis in Colorectal Cancer: A lethal change in the cell”, Advancement of Epigenetics in Cancer (Springer)
- “Epigenetic post transcriptional mutation in neuro-oncology”, Advancement of Epigenetics in Cancer (Springer)
- “Epigenetics and angiogenesis in cancer”, Advancement of Epigenetics in Cancer (Springer)

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

- “Application of Artificial Neural Network in Traffic Noise Pollution Modeling”, International Conference on Communication and Computing Systems, September, 2016

Dr. Roli Purwar, Assistant Professor, Dept. of Applied Chemistry

- “Chitosan finished Antheraea mylitta silk fibroin nonwoven composite films for wound dressing”, Journal of Applied Polymer Science
- “Electrospun Sericin/PVA/Clay Nanofibrous mats for antimicrobial air filtration mask”, Fibers and Polymers, 2016
- “Fabrication of robust Antheraea assama fibroin nanofibrous mat using ionic liquid for skin tissue engineering”, Materials Science and Engineering: C, 2016, Vol. 68

Dr. Ruchika Malhotra, Assistant Professor, Dept. of Computer Science and Engineering

- “An Exploratory Study for Software Change Prediction in Object-Oriented Systems using Hybridized Techniques”, Automated Software Quality Journal, August, 2016
- “Predicting Software Maintenance Effort by Mining Software Project Reports using Inter-version Validation”, International Journal of Reliability, Quality and Safety

- Engineering, October, 2016
- “On the Application of Search-based Techniques for Software Engineering Predictive Modeling: A systematic Review and Future Directions”, Swarm and Evolutionary Computation, 2016
- “Software Maintainability: Systematic Literature Review and Current Trends”, International Journal of Software Engineering and Knowledge Engineering, October, 2016
- “Benchmarking Framework for Maintainability prediction of Open Source Software using Object-oriented Metrics”, International Journal of Innovative Computing, Innovation and Control, 2016
- “An Empirical Study to Assess the Effects of Refactoring on Software Maintainability”, International Conference on Advances in Computing, Communications and Informatics, September, 2016
- “Common Threats to Software Quality Predictive Modeling Studies using Search-based Techniques”, International Symposium on Women in Computing and Informatics, September, 2016

Mr. Vijay Gautam, Assistant Professor, Dept of Mechanical Engineering

- “Experimental and Numerical Investigations of Deep Drawability of AA1200”, International Journal of Advanced Engineering, Management and Science, July, 2016
- “Effect of Grain Size on Springback in V-bending of Interstitial Free Steel”, RAME-2016
- “Experimental Studies and FE-Simulations on Springback in U-Bending of Deep Draw Quality Steel Sheet”, RAME-2016
- “Formability Characterisation Of AISI 202 Stainless Steel”, RAME-2016
- “Design and Development of a Fixture to Study Biaxial Behavior of Engineering Materials in Tension”, RAME-2016
- “Experimental and Numerical Investigations on formability of AA1200”, RAME-2016
- “Optimization of EDM Process Parameters with Al-8% SiC Composite Produced by Stir Casting Route”, RAME-2016

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

- “Stability analysis of predator-prey system with migrating prey and disease infection in both species”, Applied Mathematical Modelling

STUDENT ACHIEVERS

INDIAN LAWN BOWLS TEAM



Apurv Ashutosh Sharma, B.Tech., CE, 3rd Year, Anant Ashutosh Sharma, B.Tech., COE, 2nd Year

- Selected in the Indian National Lawn Bowls team and represented India in the Mahsuri Cup, 2016, Langkawi Islands, Malaysia, October, 2016 and International Open Triples, 2016, Royal Bangkok Sports Club, Bangkok, Thailand

RESEARCH PAPERS PUBLISHED

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

- “Panelled Concrete in India - A success story”, 11th Conference on Concrete Pavements, International Society of Concrete Pavements, San Antonio, Texas, USA, September, 2016

Snigdhaa Hasija, Prateek Tripathi, B.Tech., ECE, 4th Year

- “A Novel Method for the Classification of Ancient Indian Coins”, International Journal of Control Theory and Applications, Co-authors: **Dr. S. Indu and Dr. N. Jayanthi**

Sujal Raul, B.Tech., COE, 4th Year

- “Fault Tolerant Distributed Intrusion Detection System Using Advanced Honeypots”, International Journal of Computer Science and Information Technologies

CONFERENCES AND WORKSHOPS ATTENDED

Chhavi P. Gupta, B.Tech, COE, 4th Year

- Awarded Google Intern Grant to attend Grace Hopper Celebration of Women In Computing, Houston, Texas, October, 2016

- Invited as speaker for IEEE Women In Engineering Conference held in Pune in September, 2016

- Invited as speaker for Google Developer Group Delhi, Devfest held in October, 2016

Rishi Aneja, B.Tech, EP, 2nd Year

- Attended Harvard Project for Asian and International Relations under the Entrepreneurship and Technology track; a 5-day annual conference run by Harvard University

Rishav Sethi, B.Tech, SE, 1st Year

- Attended The ISB Leadership Summit, ISB Mohali Campus, October, 2016, and was appointed the Student Point of Contact for the same

HONORS AND AWARDS

Arpit Gogia, Mayank Saxena, B.Tech, MCE, 3rd Year

- Secured 15th and 19th rank respectively, out of 10000 participants, FinTech and eCommerce Hackathons, IndiaHacks, International Hackathon by HackerEarth, May, 2016

Chhavi P. Gupta, B.Tech, COE, 4th Year and Prempal Singh, B.Tech., EEE, 4th Year

- Winner, HPE Haven on Demand Grand Prize, AngelHack, Bangalore

Deepshikha Suri, Deepika Nautiyal and Shikha Sharma, MBA

- Winner, HRite, a HR case study competition, SRCC, September, 2016

Manas Sharma, B.Tech, SE, 4th Year

- Runner-Up, DigitalOcean Cloud Hack 2016

Mayank Saxena, B.Tech, MCE, 3rd Year, Satwik Kansal, Gautam Prajapati, B.Tech, SE, 3rd Year

- Sponsored invitation to MHacks8, University of Michigan, October, 2016

Nandita Srivastava, MBA

- Winner, Blogging Competition, Start-O-Sphere, IIM Kozhikode, August 2016

Nandivada Nagaraju, Rohit Subedi and Jitendra Tiwari, MBA

- Winner, Annual Biz Fest, Shailesh J Mehta School of Management, IIT

Bombay in October, 2016
Raghav Apoorv, B.Tech., MCE, 4th Year, Prempal Singh, B.Tech., EEE, 4th Year, Pranav Gulati, B.Tech., EEE, 4th Year and Naman Dwivedi, B.Tech., ENE, 3rd year

- Second Runner-Up, PayTM Hackathon, October, 2016. Awarded a cash prize of Rs. 35000

Sarthak Khandelwal, B.Tech, SE, 4th Year

- Winner, Harvard Project for Asian and International Relations (HPAIR), student conference held at Chinese University, Hong Kong

Shikha Sharma and Nandita Srivastava, MBA

- Winner, Karambhoomi, IMT Ghaziabad, October, 2016

Shikha Sharma, MBA

- Winner, Veditum, Goa Institute Of Management, August 2016

Team Navyo – Mohd. Suhail, B.Tech., ECE, 4th Year, Madhav Aggarwal, B.Tech., ME, 4th Year and Bhavesh Pachnanda (M.A.I.T.)

- Secured 3rd position, Gitex Student Lab, Dubai
- Secured 2nd position, Most promising student innovator, 8th India Innovation Initiative National Fair 2016, AICTE, DST and CIIDitum, Goa Institute Of Management, August 2016



SCHOLARSHIPS

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

- Awarded ‘The Linux Foundation Scholarship’. Attended LinuxCon, Toronto, Canada, 2016

Snigdhaa Hasija, B.Tech., ECE, 4th Year

- Received “Grace Hopper Celebration of Women In Computing Student Scholarship”, 2016

Vaibhav Sawhney, B.Tech, SE, 4th Year

- Awarded Richard E. Merwin Student Scholarship, IEEE Computer Society. Received a grant of \$1000

ASME organises Industrial Trip

ASME DTU organised an exclusive **Industrial trip** for 18 members to understand the **technical working of the Talgo coaches** in July, 2016. ASME DTU organised a **Placement and Internship Workshop** in August, 2016. A 2-day introductory **workshop on Solidworks** was also conducted for its members in October, 2016.

Defianz reaches New Heights

Defianz was ranked **The Best Asian Team** at the **Formula Student Competition** held at the **Silverstone Circuit, London, UK** in July, 2016. The competition saw a participation of over 150 teams from around 30 countries. The team also got a chance to display their car at the **Auto Expo 2016**, in **Delhi**.

Delhi 42 wins Laurels

Delhi 42 stood 1st at the **SRCC BizTech Quiz** and **IIT Delhi's BizTech Quiz**. **Kumar Shashwat** obtained 2nd position at the **Economics and Business Freshers Quiz** and **Ecquizzite** at **St. Stephen's College**, and 3rd at the **Sports Quiz** at **AIIMS**, as part of **Quizkrieg**. **Aditya Kulraj** and **Brahmdeep** won top honours at the **NSIT Freshers 2016**. **Manas Jyoti** and **Varun Rustagi** won 2nd positions at the **Literature Quizzes** at both **AIIMS** and **IIT-Delhi**. **Shreyam Parth Krishna** and **Varun** obtained 2nd position at the **AIIMS Science Quiz**, and 3rd at the **IIT-Delhi Sports Quiz**. **Mrudang Mathur**, **Shreyam** and **Varun** obtained 3rd positions at the **Jeopardy MELA Quiz** and at **General Quiz Rendezvous**, **IIT Delhi**. Individually, **Mrudang** obtained 2nd position at the **AIIMS General Quiz** and **Varun** obtained 1st position at the **LSR Media Quiz**, capping off a perfect second half of the year.

DelTech MUN & Debating Society: Debaters Assemble

DelTech MUN & Debating Society conducted an open debate '**Youth Ki Awaaz**' in September, 2016, followed by an **MUN Training Session** wherein the students were trained for **MUN Conferences**.

E-Cell organizes The Startup Arena and The Startup Weekend

E-Cell DTU organised **The Startup Arena** with **Ankit Buti**, Founder, **StartupEd**, **Varun Jain**, Founder, **Acadview** and **Abhay Tamaria**, Founder, **RedCarpetUp** as the speakers. Numerous teams participated and were mentored by **Mr. Anil Chikara**, Founder, **Jarvis Accelerator**, **Mr. Manmohan Gupta**, Founder, **Coding Blocks**, **VidyaMandir Classes** and **Nagarro**, **Sandeep Jain**, Founder, **GeeksforGeeks**, **Gaurav Oberoi**, Founder, **TechnoVedi** and many other leading entrepreneurs during **The Startup Weekend** which was powered by **Google** for **Entrepreneurs**. The top three winners were provided with initial investments and working space to implement their ideas. E-Cell DTU also launched **Startup Internship Portal**, where college students can apply for internships in various upcoming Startups across NCR.

Enactus DTU shines at the National Stage

Enactus DTU participated in the **Enactus India National Competition**, and was ranked amongst the top 10 teams out of 90 teams which participated in the event. The competition was held in July, 2016, at **Taj Lands End, Mumbai**.

Football Team kicks off to a Flying Start

The **DTU football team** started the season with wins over **Hansraj College** and **IMS Indore** in the **BITS Open Sports Meet, Pilani**. The team also won against the **Rajdhani College** in **Reliance Foundation Youth Sports Football Tournament**.

IEEE DTU organises Technical Events

IEEE DTU celebrated **IEEE Day** on the 4 October, 2016 and organised **TechWeek** in September, 2016, which included workshops on the latest technologies including **Programming**, **Graphic Designing**, **Animations**, **Machine Learning**, **OSS**, **SolidWorks**, **Web Development**, **Embedded System**, **Robotics**, **Current X**, **Wattack** and **IOT**. **IEEE DTU** also organised a **2-day Android Workshop** in October, 2016, in association with **Coding Blocks**, conducted by **Arnav Gupta**. **IEEE DTU** organised **Repertoire**, their **Annual Techno-Managerial Fest** in October, 2016. **Repertoire** had three events under its banner: **Panache**, a one-of-its-kind quizzing event, **Junkyard**, a **Battle of Trash**, and **Vihaan**, an all-girls programming competition.

IET DTU Chapter organises Conference

The **IET DTU Student Chapter**, along with the **IET Delhi Local Network** organised the **Young Professional Congress on "Sustainable Development"** at **India International Centre, Lodhi Road, New Delhi** in September, 2016, with **Dr. Bhola Singh**, Member of **Lok Sabha** as **The Guest of Honour**.

IGTS DTU takes Wings in High Spirits

The **Indian Game Theory Society**, **IGTS DTU** was formed in June, 2016, with the aim of spreading knowledge about **Game Theory**, through events and learning sessions. They conducted their event, **Stratazenith**, in September, 2016, which saw a participation of around 60 students. A team from **IGTS DTU** went to **IIM Rohtak** in October, 2016 to conduct **Stratazenith** in their campus. The event was a huge success and appreciated by all.

Jugnu lights up lives

Jugnu conducted the second phase of **Jugnu Summer Internship Program** which was inaugurated by a creative event in collaboration with **Kreativeduniya**. It also collaborated with a shelter home, **Shubhakshika** for educating the underprivileged. **Jugnu** initiated **Project Khushi**, in which books for competitive exams were collected and distributed amongst toppers of the government schools. **Daan Utsav 2016** was organised in **DTU** in October, 2016.

Kalakriti paints Smiles

In July, 2016, **Kalakriti** in collaboration with **Parchhayi**, organised the **1st Art Exhibition** in college. Also, a visit was organised to an NGO called **Sai Swayam Society**, which works for the hearing and speech impaired people. The attendees were engaged in a session on sign language where they learnt **basic signs for alphabets, numbers, days, etc**. The students also create wonderful paintings and graffiti on the walls of the NGO.

LFT organises Campaign

Leaders For Tomorrow organised an **Anti-Drug Anti-Ragging Signature campaign (ADAR)**, wherein over 600 people pledged to stay away from ills like drug abuse and ragging. The club planned their **ADAPT drive**, a tree plantation drive inside the campus. Over 200 volunteers turned up for the event and planted over 50 saplings along the **OAT pathway**.

Madhurima organises Cadence - The Annual Music Competition

Madhurima, the musical society of **DTU**, arranged a **2-day workshop** for on music theory, vocal health and technique. **Cadence**, the **annual music competition for the Freshers** was organised in September, 2016. **The Western Acapella Troupe** performed at **Pulse**, the **cultural fest of AIIMS**. They also performed at **Rendezvous**, the **cultural fest of IIT Delhi**, **Antaragni**, the **cultural fest of IIT Kanpur** and **Oasis**, the **cultural fest of BITS Pilani**.

Parchhayi initiates The Picture Perfect Year

Parchhayi, the **Film and Photography Society of DTU** held their **Annual Photography Exhibition** in August, 2016 followed by a **Campus Photography competition**. A **Photowalk** at **Humayun's Tomb** was also organised.

Pratibimb scores Podium Finish

Pratibimb, the **Dramatics Society of DTU**, saw the **Street Wing** open its annual production, '**Ab Hum**' in October, 2016, at **Thapar University** and secured **third place**. The **Stage Wing** of **Pratibimb** also opened its production, '**Pagla Ghoda**' in October at **Antaragni, IIT Kanpur**.

Rotaract DTU celebrates the Spirit of Life

The **Rotaract Club** of **DTU Regency** organised an **anti body shaming campaign** through a **signature campaign** and **street play** which was held in the second week of August. Members of the Club visited **Prayas**, a juvenile aid center in **Jahangirpuri**, where they interacted with kids and also organised art and music competitions for them.

Round Table organises Innovative Events

Round Table DTU organised **Prabandhit**, which epitomised their philosophy and made the participants run a successful business, from the **B-Plan pitch** to running a **Joint Venture** and **Crisis Management**. Another notable event was **The NewsHour Debate**, which aimed to inculcate critical thinking among the

among the participants and paved the way for well built opinions.

Sahitya organises YUVAAN

Sahitya, the literary society of **DTU**, organised **YUVAAN**, a guest lecture by **Mukesh Setia** in collaboration with **Cognitive Minds**. A workshop on **Analytical Writing** was held under the guidance of **Ms. Anuradha Acharjee** which was followed by a **Creative Writing Competition** in October, 2016. The team participated in **Antaragni**, the **cultural fest of IIT Kanpur** and bagged 2nd position in **Parliamentary Debate**, 1st and 2nd position in **JAM competition** and 3rd prize in **Hindi Literary Quiz**.

SIAM organises ChatterBoxing EVENT

SIAM successfully hosted the **CHATTERBOXing** in association with **Google** in October, 2016. aimed at promoting the newly launched chat messenger **Google Allo**, the event saw an overwhelming response as 800 students registered, top 20 of whom qualified for the final. The finale was hosted by the **AIB star icon Abish Mathew**. The winner, **Shubham Raturi** won the first **official Pixel phone** along with goodies by the **Google team** for all participants.



Software Developers- DTU initiates New Projects

Delhi Police's 'Apka Update project' was undertaken and completed. Inter-college **mock sessions for ACM ICPC** were also conducted.

SOLARIS represents DTU in 3rd India - Africa Summit

SOLARIS successfully completed the 2016 version of the **Solar Car** and represented **DTU** at the **3rd India-Africa Summit** held in **New Delhi** in October, 2016. The car was inaugurated in the presence of **Hon'ble Prime Minister, Sh. Narendra Modi**.

Supermileage gains Momentum

Supermileage organised an **Ice-Breaker Event** in August, 2016 which was a mix of fun activities and mind-dangling games. The winners were awarded various goodies. The team is currently preparing for the **Shell Eco Marathon 2017**, which is to be held in **Singapore**.



INTERVIEWS

Dhruv Chadha

The placement season has always been a matter of pride for the University. This year, the students surpassed previous records and achieved new glories. Students have been recruited in reputed companies, with three students being placed in Google. **Abhishek Gupta, Chhavi P. Gupta and Dhruv Chadha** have received job offers from Google. They are currently pursuing Computer Engineering. DTU Times interviewed Dhruv Chadha. Here is what he has to say!



How have the placements for your branch been this year? Please share the highlights of the placement season so far.

The placement season has been great this year for COE branch with most of the students placed. The highlight of the season according to me would be Amazon hiring 16 people compared to just 3 last year.

Why did you select the particular profile and what parameters did you consider before making your choice?

I started coding in class 11 and I really liked it. I used to take part in a lot of contests, just for fun. It was the reason why I took up Computer Engineering. When I entered college, I continued coding and participating in online contests. I realized that it actually helps you a lot in the job search process. During my Intern as a Software Engineer at Google, I got to work on some really nice projects and that helped me clear my doubts about the profile.

Could you elaborate the specifics of the selection procedure?

I applied to Directi through a referral. The process consisted of 3 initial technical interviews followed by a final technical interview. Out of the first 3, you have to clear any 2. I cleared the first two so didn't have to sit for the third one. In each of these interviews I was asked one coding question. I was expected to suggest optimal solutions and code them up as well. In the final interview, I was asked one coding question followed by many questions related to the theory of the subjects taught at college (Databases, Operating Systems, Computer Networks).

I applied to Google through a referral as well (for my internship). On completing my internship, I was offered a PPO from Google. For the Internship, I had two telephonic interviews. Each interview had 2 - 3 questions and I was expected to suggest optimal solutions and code them on a shared Google Doc. As for the full time offer, I had to give two interviews. Each interview had 2 coding questions, whether to code them or not depended on the difficulty of the question. The work done during the internship was also taken into account during the process.

How did you prepare for the selection test?

As I mentioned earlier, I used to code a lot and so that helped. Other than that, I referred to interviewbit.com and geeksforgeeks for commonly asked interview questions.

Could you offer some tips to ace the interview round?

You should be able to substantiate anything you say with some logical reasoning and let the interviewer know what you're thinking. If the interviewer asks you something you already know the answer to, because you read it somewhere, you should let him know that as well. Communicating helps a lot, the interviewers often help you in working towards a solution.

How fierce was the competition this season? Any tips on how to get an edge?

I didn't sit for any company on campus because I mostly missed the ones I wanted to sit for because my internship ended late. For a job as a Software Engineer, the only way to get an edge would be to practice, code a lot. Being patient is quite important, placements can be really stressful otherwise.



Dr. M. Jayasimhadri

DTU Times interviewed **Dr. M. Jayasimhadri**, Assistant Professor, Dept. of Applied Physics, DTU. He was invited to spend three months for a research visit to Changwon National University, South Korea, from May to September, 2016. His fields of interest are Synthesis and Characterization of Rare Earth doped Materials, Optical/Fluorescent Spectroscopy, and Material Science.

Sir, how was your visit to Korea?

I spent about three months in Korea from May to September, and my visit was sponsored by Changwon National University, South Korea. They were keen on collaborating with me for research. Before coming to DTU, I had worked in the University, and have visited Korea back in 2012 as Research Professor for six months, and in 2013 as an invited speaker in an International Conference as well.

How was your general learning experience and how do you plan to imbibe it here in DTU?

Till now, in my lab here, we have only studied characterization of materials. During my visit, I learnt the conversion of electroluminescent materials to devices. I'll try to implement them here and wish to upgrade my Luminescent Materials Research Laboratory (LMRL) to perform device level characterization by procuring new equipment at DTU.

How advanced is Korea as compared to India in terms of research in your field?

Greater emphasis is laid on experiments in Korea, whereas in India the prime focus still remains on theory. The infrastructure and facilities offered in Korea are much advanced as compared to what is being offered here in India. This makes performing even simple experiments tedious. They are already in the implementation stage whereas we are still characterising materials at University level due lack of equipment, characterization facilities and infrastructure.

Are there any major point of differences between India and Korea?

My class strength here is 90. Life of teachers is relatively easier there! *laughs* They emphasise on practical learning and use presentations to supplement teaching. Laboratories

are taken very seriously. Most of the M.Tech. students associated themselves with the faculty even before the session began, and were involved intensively in the experiments.

How has been your experience in DTU so far?

I joined DTU in 2010, and the University is slowly growing ever since. However, what I personally feel is that the students ought to work more on their levels of sincerity and commitment. In Korea, I observed how systematic and organized the administration was, and specially, how punctual they were.

Do you observe a major change in attitude of students since the time when you were in our place?

Students nowadays are simultaneously focusing on a lot of things, which is necessarily not bad. However, it results in lesser focus and seriousness. Studies have become more grades-oriented rather than being knowledge-oriented. Your generation is blessed with Internet and other facilities, which can be useful to explore the many opportunities available.

Who has been your role model over the years? How did you stand apart from the crowd?

My first role model was my father. He was a School teacher, who later went on to become the Head Master. I developed an inclination towards Physics during High School. I never took tuitions or any sort of extra help but was still able to score excellent marks. Thus, due to my innate interest for Physics, I was able to stand out.

Something apart from work now. What are the activities that you wish to indulge in your free time?

I am a workaholic, and love interacting with students. So I spend most of my time here in the campus. I usually come by 9 AM, and stay here till 8 PM. At home, I usually enjoy playing with my lovely three year old son.

TRAINING AND PLACEMENT CELL



Placement Co-ordinators 2016-17

DTU is consistently ranked amongst the top 10 Engineering Colleges in India, and a fair share of credit for the same is given to the exemplary on-campus placements of the college. The entire placement procedure is carried out by the Training and Placement Department headed by Dr R.S. Walia, and his team of 29 Placement Coordinators, all dedicated towards bringing the best companies to hire students from the University.

The placements for the year 2016 started in the month of August with **Amazon** offering 16 students on campus placements and 17 students internship offers. Since then, students have been recruited by several International Conglomerates, Indian Corporations, and Startups. The season began with large scale companies such as **Bain, McKinsey, SanDisk, KPMG, Qualcomm, Edelweiss, Honeywell UOP** etc. visiting the campus and extending plenty of offers to students.

Various reputed, large scale companies have also given internship offers to third year students. Companies like **Amazon, Microsoft, DirectI, Deloitte, Samsung, Texas Instruments, Qualcomm, Citi Bank** etc. have extended over 100 offers, most of which are expected to turn into Pre-placement offers.

Up till mid-October, **120** companies have recruited over **700 students** from all branches in a myriad of profiles. This year, the package offered to students reached new heights with **40 LPA** offered to **12 students**, compared to the 29.5 LPA in the previous year.

The Training and Placement Department is working relentlessly throughout the year to further bring on board core technical companies in the Electrical and Mechanical branches. We hope that with consistent and dedicated efforts, more and more companies visit campus and extend offers that thoroughly justify the capabilities of all our students.

DTU'S OFFICE BEARERS

Introducing, the Office Bearers of various student bodies of DTU.

Student Association

President:

Amit Kumar Phogat

Vice-President:

Sheikh Farhan Raza

Secretary:

Sarthak Rastogi

Joint Secretary:

Divyendu Thakur

Cultural Council

Cultural Secretary:

Gunik Goel

Joint Cultural Secretaries:

Arpit Nagpal,

Akriti Tewari

Treasurer:

Dhruv Dua

Joint Treasurer:

Shikhar Sachdeva

Postgraduate Coordinator:

Piyush Sharma

Cultural Advisor:

Nalin Choudhary

Sports Council

Sports Secretary:

Prashant Chaudhary

Joint Sports Secretaries:

Siddharth Gahlawat,

Poorva Srivastava

Treasurer:

Aman Kumar Jha

Joint Treasurer:

Chirag Ranjan

Gym Coordinators:

Himank Kanojia, Abhishek Raj

WELCOMING NEW FACULTY MEMBERS

The Department of Computer Science and Engineering has recently recruited fresh talent to increase its Student-Teacher ratio, and to bring fresh ideas and methodologies into the teaching process. DTU Times interviewed the new recruits, and here are the excerpts.



Priyanka Meel

Ms. Priyanka Meel started her teaching career in 2013 at IIIT, Hyderabad. Her area of expertise is Artificial Intelligence and Robotics.

What drives you to teach Computer Science?

My Professors' contribution to the field of knowledge inspired me to join the teaching community.

What is your opinion about the college education?

The basic challenge we face is the dearth of research and innovation. Majority of the students are job seekers, and therefore there is a lack of job creators. Our focus should be on knowledge creation.

What new methodologies do you plan to include in your teaching?

I will start teaching my courses by explaining the real life implementations of the subjects. It will inculcate more interest in the students towards the subject.



Minni Jain

Ms. Minni Jain completed her B.Tech. in 2013 and M.Tech. in 2015 as a gold medalist from IP University in the field of Information Security. She specializes in Natural Language Processing.

What should a Computer Science student mainly focus on?

Computer Science students should be adept at research and coding.

What are the drawbacks of the current system of education?

Outdated curriculum plagues the education system. Application based teaching is the need

of the hour. Live demonstrations and real life implementations should be stressed upon for each concept taught.

Any message to the students?

DTU provides you with immense opportunities. Work hard, use your knowledge, and do something innovative.



Nipun Bansal

Mr. Nipun Bansal, an alumnus of DCE, a Ph.D. Scholar and currently teaching as a full-time instructor in the Computer Engineering branch. He initially worked at MakeMyTrip before working in DU and other places, before finally rejoining the college as a lecturer.

What are the new methodologies that you want to inculcate in teaching?

First of all, I wish to get over with conventional syllabus practices as they don't help students very much with the skills. Next, I wish to incorporate the research portion in the curriculum which is completely missing as of now.

What message do you want to pass on to the student community?

I haven't thought of it, but when I see students putting in their full potential, it gives me contentment.



Neetesh Kumar

Dr. Neetesh Kumar started his teaching career with Sree Mata Vaishno Devi University, Katra, Jammu. He obtained his Ph.D. from Jawaharlal Nehru University. His area of expertise is Parallel Computing, High Performance Computing, and Green Computing.

What new methods would you like to incorporate in your field of education?

We have the infrastructure for high performance computing. But the algorithms being taught are pretty outdated. We need to introduce a parallel algorithms subject in the future.

So would you be interested in taking students as your Research Assistants?

Definitely! This would be a wonderful opportunity for them, and for me as well. This is also a way for them to contribute to society and academics, and also to their careers.

Any message to the students?

One should be like a tree; which bends down as it gains more fruit, one must also be more humble as one gains more knowledge and success. Be humble, and embrace learning.



Rohit Beniwal

Rohit Beniwal has worked as an Assistant Professor earlier and also as a TRF (Teaching and Research Fellow) at NSIT. He was a contractual faculty at DTU (2011-2012) and has now joined once again as a full time professor. His area of expertise is Web Enabled Software Engineering. It focusses on the social and semantic web capabilities to improve the software development activities.

What was the motivation behind pursuing academics as a profession?

It was passion for the subject that drove me. I did my masters and then got the opportunity to work with one of the finest institutes in the country.

What new methodologies do you wish to incorporate in teaching?

My area of expertise is relatively new and has emerged in the last few years. I'd like to include it in the academic curriculum as a core/research subject, since it has great scope.

Celebrating The Unsung Heroes

Raunak Kapur, 2nd Year, EEE
Shreeya Kedia, 2nd Year, BT
Vishesh Kashyap, 1st Year, ME



**Raghunath Gupta
(Fruit Chaat Vendor)**

I cannot afford to buy crackers or sweets, and I usually do not take an off. A day off means lesser earnings, and I am not in a situation to afford that.

Clad in a traditional outfit, feasting on some home-made ladoos, my senses literally seemed to be on edge, as flashing lights popped up against the dark sky, followed by a thunder like rumble, creating an eerie, yet calm environment. I realized, what once was revered as a time to pray, to celebrate new beginnings, to spread gratefulness and happiness has now been replaced with a new, rather uncanny definition. It has been replaced with a series of not so subtle, yet subtle changes. A few years ago, Diwali comprised of a trip to the Diwali Mela, a candy floss feast, an extra box of crackers, stealing ladoos from the kitchen, gaudy red and green lights and the crooked, yet beautiful Rangolis. Remember, how presenting a handmade Diwali card to your favourite teacher used to trigger a million dollar smile? These days, the word festival has been replaced by an event, the auspiciousness in newly bought clothes by the expensive designer lehengas, handmade cards by the one bought from Archies and well, Melas don't match your status anymore.

As we grow older and achieve in our lives, we become more oblivious to our surroundings. A lot of us have grumbled about pulling all-nighters, while savouring Maggi Noodles at Maggi Baba's stall. Ironically, he has been doing that for years. Never realized that, did you?

The next time you complain about your over-committed nine to five schedule, do have a glance at Virender Bhaiya, who seems to be a pro in pulling night guard shifts at the gate. The unflustered aura of Mic Mac wouldn't have been the same without Chandan bhaiya screaming "Ek Maggi kiski hai!". When you transform to your Type-A, task-driven self before the examinations, halt, and think about Mukesh bhaiya, who is devoid of privileges, and yet possesses as much knowledge as you do in your stream. They all, at least deserve a quick mention in your thank you speech.

We have been blessed with a tunnel vision, which surprisingly has us on both ends. "Heroes are ordinary people, with extraordinary deeds", is a day to day saying, but these people happen to be the unsung heroes of our lives. Most of them do not get to see their families every day. The smallest act of kindness is worth more than the greatest intention. Therefore, we express our gratitude to all of them for watching our backs, sparkling and transforming our lives in such a latent manner.

These indispensable people, sans capes, sans costumes, sans superpowers happen to be the real heroes. They happen to be our very own "Super-men" in disguise, with whom we share smiles every day, but fail to recognize or acknowledge. Their hands have contributed to write many a success story; they continue to spawn much more - out of the limelight, unknown, unthanked, unsung.



Narsingh (Library Guard)

I have been working in DTU since a year, but we do not get a holiday on Diwali. I have two kids, and I hope that I am able to buy something nice for them with the bonus that I receive.



Mukesh Kumar (Xerox Shop)

I have been here in this business for over three years. Initially, I found it to be quite tedious, but today I enjoy handing out notes to students. On Diwali, I take a day off, and will celebrate this festival with my wife and two kids.



Virender (Main Gate Guard)

I have been working here since 2007 and we people do not usually get an off on Diwali. I have a two to ten shift at the gate that sometimes extends till late. I usually eat sweets and burn crackers with my friends here at the campus. I am looking forward to the bonus we will receive as that might allow me to take a day's off and spend some time with my family.



Jeetender (Mess Worker)

I usually get two days off on Diwali, but my family lives in UP, so I celebrate the festival with my friends here on the campus. The worst part of the job is that I get to meet my family only once a year and I haven't seen my 7-month old child since a long time. We get a bonus during Diwali so I hope that someday I'll be able to bring them here.



Amul Bhaiya

A few years ago, the whole college used to light up during Diwali. The OAT used to be decorated like a newlywed bride. But now, not much happens here. I have to be here in the morning, but I will close my shop in the evening and spend the rest of the time with my joint family.

Happiness?

Shubhi Sareen, 2nd Year, COE

Suddenly, those dreary little eyes twinkled with astonishment. The glitter, the sparkle, the neon colors were a perfect replenishment to the year of lacklustre, bleak and dismal reflections. For a change, those eyes reflected a sparkling celebration.

The crackers, the Rangolis, the glistening bright lights Swiftly drove his imaginations to unaccustomed heights. His heart remained lost in the ingenuities of presents. For him, discarded, faded torn clothes was not a lament.

Festivals are no more than a reward for a yearlong expectation. His tender heart does not perceive the word donation. The entire day, he contemplates about the free gifts. Still unaware of the joy imbibed in the festive spirit.

Someone's old has transformed into someone's new. Yet, everyone's life is deprived of the pastel hues. He still achieved what we all have incessantly failed in. Appreciating the moment, which we live in.

In all our moments of joy and success, we must realize that it is their sacrifices that we are reaping the fruit of. In all our aspirations and endeavors we must recognize that it is on the shoulders of these unsung heroes that we stand, as we reach out to newer heights. So, this festive season, let's halt for a moment, have a look around, greet or maybe just smile, and give these heroes their moment of glory.



Chandan Kumar (Canteen)

My family lives in Bihar, and I get to spend time with them only during summer and winter break. Like every year, this year too, I shall be celebrating Diwali here. I have to keep the canteen open during the festival. Someone needs to be here to serve the students! In the evening, all of us will sit together, have some sweets and burst a few crackers.

The Conveyor Belt

Devank Tyagi, 3rd Year, COE; Gursifath Bhasin, 2nd Year, IT

“Welcome to college. You’re going to love it here,” says the air-hostess offering a simpering smile.

“Thank you”, you say, reach your seat and get settled in.

The rumbles of the wheels on the runway get your mind rumbling as well, as you lean back and brace yourself for the ride.

The general consensus about college, worldwide, is that it’s a portal to the ‘real world’, a glimpse of “what will be” fused with the experiences of “what has been”.

You know what else that sounds like?

An airport. Nope, not kidding here.

So here’s what to do at this airport, and the associated journey:

- Catch a flight from the last place you called home, leaving behind your family and the circle of friends that stood you faithful till date, along with the plethora of experiences that you accumulated.
- While en route, strike up a conversation with people sitting around you. While seemingly innocuous, never underestimate the power of this step, because you’re going to need these people for a long time afterward.
- We shall refer to these people henceforth as ‘friends’.
- Arrive at the airport and look around, basking in the glory of what you are, because of where you’ve reached.
- Stroll through Duty-Free and Immigrations, gaining the stamp of ‘OFFICIAL ENTRY’ into the real world – complete with date.
- Don’t forget to keep looking for friends here and there.
- Reach the conveyor belt, crowded with many other people.

This step is the most important step of the whole process for the average college kid today.

Like every other conveyor belt, this one rotates as well,

bringing different items to you at various points of time. Like every other conveyor belt, it also allows you to claim items for yourself.

Like every other conveyor belt, it requires you to exert yourself and pick your items off it.

That’s where the similarities end, though.

Each bag that passes you on this conveyor belt holds a chance.

Every piece of luggage is an opportunity, an offering that this hallowed airport has to offer to you.

Each bag signifies a potential experience attached with it as a tag, and each bag bulges with hopes and dreams, things that could, and will, be yours – only if you put in the effort of taking it.

True, the opportunities are for everyone, anyone can pick them off from the belt.

True, you’ll sometimes need to fight over a bag, because multiple people think it’s theirs.

True, you may not always get what you want from the belt, even if you try and work for it.

However, the conveyor belt just keeps on spouting these bags.

There’s real magic at work here, a belief amongst everyone huddled around the belt that no matter how many bags they miss, one will come tailor-made for them very soon.

After all, there’s four years to go (by the way, find us all there!)

Nevertheless.

The bag currently in front of you says ‘ExamPrep’. The handle of that bag is positioned rather invitingly towards you.

This one’s an interesting bag, because it’s the only one that allows you more attractive opportunities.

The conveyor belt is taking it away, though.

I suggest you grab this one before someone else pulls it off the belt.

Welcome to college. You’re going to love it here.

Experience of a FRESHER

Zara Khan, 1st Year, PCT

Took JEE Mains. -> Achieved a decent rank. -> Got into DTU

Orientation - Check

Campus Tour - Check

Hostel Accommodation - Check

Thus began our journey with Delhi Technological University (Formerly DCE). Confused, nervous and very excited - these were the feelings of all freshers on the first day.

The first week, most of us roamed around in bunches looking for classrooms, trying to get the hang of the college lingo, searching for hangout spots, and most importantly trying to interact with the seniors. With every visit to the mess, we spent our time eating and trying to decide which faces belonged to seniors and which to freshmen.

As we settled in, Society Orientations and Auditions also started. Auditions went on for days, and selections were celebrated with treats in MechC.

We hung around Nescafe and MicMac, relishing the Cold coffee and Maggi. Hostellers returned to their rooms to catch up on some sleep as the previous night was spent chit chatting with roommates.



After a while, we got used to the chaos at the Badli/Rithala Metro Station. Chants of “College, College” by the E-Rickshaw drivers slowly became a part of the daily routine. A new buzz of Class Representative Elections started. Politicians in making campaigned day and night, and the atmosphere was no less than that during Lok Sabha Elections.

We had hardly settled in, when the dreadful Mid Semester Examinations arrived. Our first tries at all nighters failed miserably. Some heroes aced the tests with flying colours while some super heroes lamented their loss of sleep and marks as well. Freshers’ Week and Fresher’s Night compensated the hectic Midsems week, though.

All in all, DTU is a magical place, resting in the far far away land of Bawana. There is an ocean of opportunities for each and every one. It’s a place full of life, full of energy! It’s a place to explore and find new avenues each and every day.

Four years of engineering will pass in a jiffy but the memories we are going to make will surely last a lifetime.

A QUINTESSENTIAL HOSTELER’S TALE

Pratyush Thakur, 1st Year, COE

From standing 4 hours in a line to getting a hostel accommodation, to getting welcomed by a paint smeared, turpentine- smelling hostel room in the farthest corner of the block. That’s when you know this journey is going to be a bittersweet one. You cringe a little. All this time you have been living in the comfortable environs, and here you are – pitched into an unknown land. You try to stay upbeat, luckily the mess food helps. You don’t miss the home food initially. You develop a pattern. Dozing between classes at your room. You see the day scholars and hear their woes. You start to feel good. In between, there are several complaints to the attendant over the blocked washroom or the non-functional geyser.

You make great friends, and one room becomes the hub of all banter. Late night FIFA games and Counterstrike become a staple. You are introduced to late night walks to the Night-C. Visiting the Haunted Lane at night is almost a rite of passage. Getting into trouble with a guard is a learning curve. For most hostellers, a walk on the Mall Road is like a medication prescribed by the doctor. You begin to skip bathing for several days, and your laptop starts to fill with movies, TV shows, games due to the LAN – hands down the best thing about hostel life. Eventually, you begin to love the hostel life. With all its imperfections, it is indeed exhilarating. The freedom is what woos everyone and cheers them up. And sipping chai at Maggi Baba’s, and hearing his impeccable vocabulary, you realise that you have become a true hosteller and smile.

Diwali at Hostelhome away from home

Rohan Mishra, 2nd Year, SE

“Hey, is the LAN down again?” I asked for the umpteenth time. Turns out, the airlines had no more tickets back to Bhubaneswar, my hometown.” Celebrating Diwali at hostel - that must be disappointing”, I thought. After a couple of phone calls to my parents and relatives- long and replete with excruciating pauses- I planned to make the best of my situation!

How does one have a memorable Diwali at CVR? Let's plan this out.

Talk to seniors and friends and get a list of people who you're sure are stuck with you. Check.

Clean up the room - So. Much. Trash. Check.

Go shopping! Also, bring food. Obviously. Turns out it's a herculean task to get hold of crackers thanks to the stringent rules of Delhi. Well played, Delhi. Well played.

Meanwhile, we do have one go-to person. For those who don't know, he is the perfect specimen of what is called a 'resourceful' guy. For hostellers, being resourceful is nothing short of an asset.

So, yes Food and Crackers are his responsibility! Check.

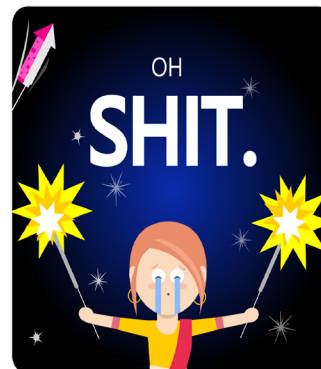
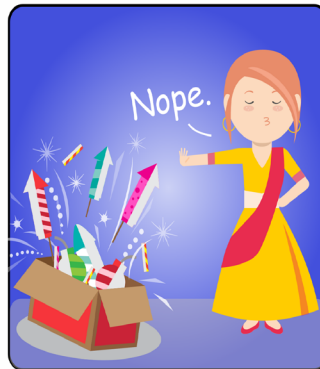
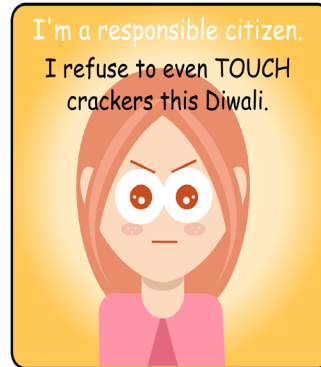
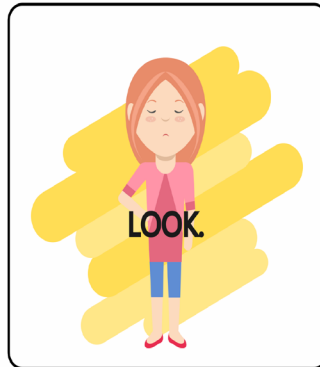
Finally, get some TV series to binge watch on, and wait. Check, mate.

Now that it's Diwali, you can hear the miniature explosions intertwined with those whistling rockets. Everyone wears 'clean' clothes, that's something new! The college looks beautiful and my friends, my brothers have a swell time! Keeping in mind the eco-friendliness, we burst only a few crackers, just enough to get the party started. Next, eat! Turns out Maggi Baba's is overcrowded, should've guessed that! Eventually, we do have

dinner and it's tasty (not complaining about the Mess food, much)!

As it turns out, the Diwali was indeed memorable. This hostel has become my second home and, the hostellers, my family!

THE DIWALI MONOTONY



Celebrating Togetherness

Shikha Dahiya, 2nd Year, COE

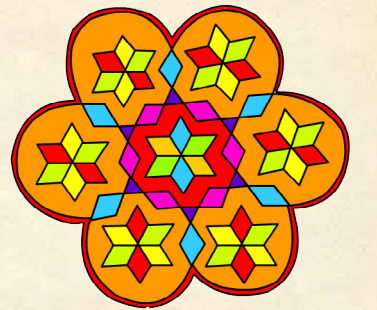


Gifts for people who are in need

Your bright room already has enough light, light a candle in the gloom instead. Every year you spend money on buying gifts for your relatives and friends who are already doing well in their lives. Drop the formalities and buy something for the needy. That kid at the red light doesn't know the true meaning of the festival of lights. Help him understand that by lightening up his day.

Unleash creativity

Rather than buying the wall hangings and *bandhanwar* from the market, add a personal touch to the decorations. Sit together with your family members or friends and shape your imagination into the adornments you would love to decorate your home with.



Cook, bake and share

Cook something with your friends, go out and share it with the ones who are deprived of a proper meal. It would not only satiate their hunger, but also infuse them with tons of happiness and joy.

Visit an old age home or an orphanage

Make someone's lonely day special. Decorate their space with candles and their lives with your presence.



Take care of the stray animals

Avoid bursting crackers. The noise scares the animals. Do not tease the stray animals, nor let others do that. They may run into traffic out of fear, and get injured. Your fun must not cost a poor creature its life. If you have to burst crackers, then restrict yourself to a centralized location and keep the animals away from the place during the fireworks.

TO DO, OR NOT TO DO

Siddhant Patra, 2nd year, CE

As a college student, we are often in a dilemma of what to do and what not to. These are the common confusions that invade a DTUite's mind:

Deciding whether to get a summer job/internship or not

Just out of school, summer break for you is free time. To kick back for a TV show marathon is an entitlement. But then, you find some peer of yours post on facebook: "Intern at Sadeti.inc".

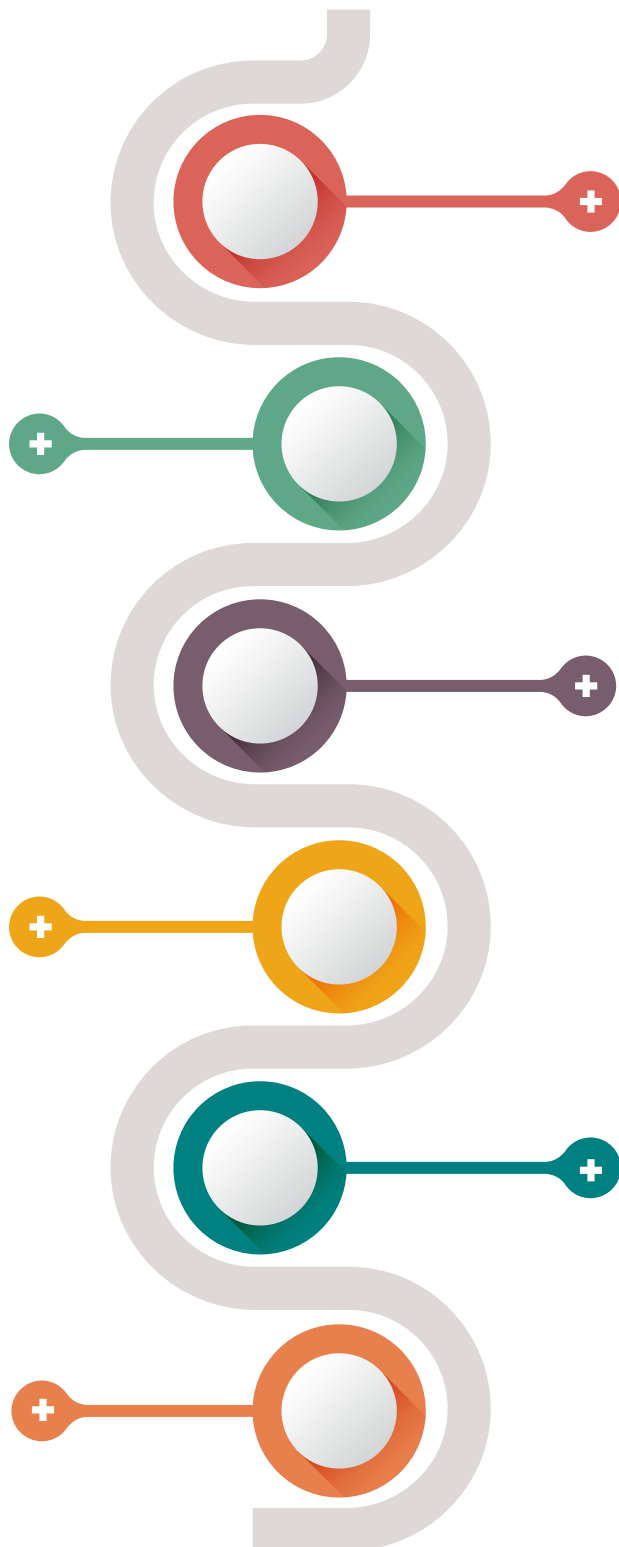
Suddenly, your life feels purposeless!

Pay attention to class or play Mini-Militia

Mini Militia is that one Weapon of Mass Distraction that teachers are afraid of. You can't get your hands off the controls! But. The result of the previous semester, and the resolutions you made drive you to the edge of guilt, and titillate your conscience. In the battle between Pens and Phones, which side would you take!

Having self-control while working on your projects, or procrastinating

Term project up in a week. Hard disk full of the latest Suits season. Must. Resist. Urge. The law "Work expands to fill time" seems more and more true. Keep calm, and carry on working, 'cause the fruits are indeed sweet. But wait. Suits is love too!



Join multiple societies or give their best in one society

Join one society, and you are fixed on one track of your passion. Join plenty, and you have lots to explore. On the flip side, you'll also have to attend so many different meetings and events. So much to do, so little time. If only one could be a superhero!

To skip a class or not

The teacher taking your 9 AM class is a monster. Also, your blanket weighs a ton! The dilemma too, is faced in a drowsy state of mind. A random economist has suggested that if you attend a single morning class, then the utility derived by attending more morning classes disappears completely. What would be your decision!

The Midnight Dilemma

There are two types of people you can spot in an Exam hall: the ones who have completed their syllabus, and the ones who have had a good night's sleep (the exceptional exceptions have not been considered). With a hundred pages of text left, WhatsApp updates pouring in by the second, would you stay up, or dread a catastrophe of dozing off in the hall and hit the sack early?

Inevitable Choices

Shashank Shekhar Jha, 1st Year, ECE

"You had a choice to run back in time and save my brother, but you didn't."

- Cisco Ramon to Barry Allen

When the fastest man alive could not escape an inexpedient choice, who are we to duck them?

The Truth is, that choices are inevitable. You have to face them; you have to choose one, you are not always expected to make the right choice, though.

Think of choices as two realms of opportunities and yourself as the opportunist. You don't know what these realms hold for you, but quite certainly you will be stone broke if you don't visit either. Every decision will bring with it some good, some bad, some lesson and some luck. The only thing that's sure is that indecision steals many years from those who wish they'd just had the courage to leap.

Taking a decision is not a piece of cake. Out of the many dilemmas you'd face, the most striking would be Passion or Logic. Some believe passion is fickle while for others, it is their passion that drives them. The outspoken owner of NBA's Dallas Mavericks, Mark Cuban thinks we should follow our efforts, not passion, while Jobs thought we should do what we love. It is true that the 'Do what you love' hypothesis is one of modern society's well-worn themes. But it is undeniable that the logic front has some solid arguments too. The dispute is persistent, but when you make a choice, you begin to find loose threads that, once pulled, unravel the possibilities of future.

Now that the pros and cons have been weighed and choices have been made, all you can do is to work hard and then sit back and enjoy Bobby McFerrin's - Don't Worry, Be Happy.

DECISIONS

Sneha Roy, 3rd year, COE

Life often leads us to crossroads and makes us choose the next step. No matter how diligent one is, while making choices, no one can look into the future and predict the consequences of their smallest decisions. However, as young people, there are a few sure shot steps to follow in the pursuit of happiness that make our lives more fulfilling:

1) Unbox your mind:

If you're the smartest person in the room, you're in the wrong room. Get involved with activities and go on a path of self-discovery. College life is a license to varied opportunities right around the corner. Carpe diem should be the motto to live by. Choose not to marinate in mediocrity but to embrace intellectual cliff-hangers.

2) Replace Retail Therapy with Cheap Thrills:

Do you think you must own the new iPhone? Well, think again. I can promise you that a few cherished experiences with your closest friends will make you happier in the long run and give you stories to tell your grandchildren. Build solid relationships with a few people you're compatible with so you always have someone to call for 2 AM musings.

3) Serve:

It might sound old school, but a sense of service and compassion is the most underrated virtue in human beings. Reach out to the unprivileged not because it looks fancy on your CV but because being a part of somebody's journey towards betterment is truly inspiring.

You don't have to have the rest of your life figured out at the age of 20. Always remember that the quality of life is only a measure of contentment, and the decisions you take should reflect your sense of self and bring a smile to as many people as possible because the world could really make use of more joy and less suffering.

COUNTLESS

Paint, my musings a picture.
Shape my thinking with borderlines
Myriads of parallel worlds
Colliding within me.
Haunted by possibilities,
I just can't decide.

Arnav Saxena, 2nd Year, MCE

Freeborn to choose my way,
my path.
A path inevitably balustraded-
With future security.
Societal constraints,
Like the highway signs,
Orchestrating every turn I take.
Freedom never felt more confined.

Countless thoughts and possibilities
Expanding faster than the cosmos.
Uncertainty prevails,
I still don't know
Whether I will implode
Or explode.

Eat. Sleep. Shiver. Repeat.

Pratyush Jain, 1st year, IT

You've heard about Around the World in 80 days, right? Isn't it a trip which all of us want to embark upon? Winter is approaching, bringing along with itself a promising lineup of dishes which we wait for the entire year. So, let me take you to the food lanes of Northern India through this article.

This winter season, our first food stop is a land covered in white, with mountains peeking from behind the rows of conical trees. Snow laden, Kashmir, it is! It is time for you to take pleasure in Kahwa. Consider this traditional, warm, green tea as a welcoming gesture. Indeed, that is saffron you taste, providing a perfect balance to a perfect start. How can we depart without savoring the Chicken Biryani and Mutton Rogan Gosht, which are sure to leave one's taste buds tingling, especially when paired with the famous Kashmiri Naan.

Come to the land of music, pomp and splendor. The next food stop is home to the winter dish of Sarso da Saag and Makke ki Roti, which tastes best when served with jaggery, the sweet delight!

Fancying a camel ride? Hello, Rajasthan! There is nothing like enjoying a Rajasthani Folk Dance on a winter bonfire night while our taste buds savor a bowl of Gajar Halwa. With the right amount of dry fruits to garnish this dish cooked in ghee, it is a dessert that provides warmth to the body and glee to the tongue.

If you have room for a little more, you must taste Gajak and Rewari. These sweets, which originally hail from Meerut in Uttar Pradesh mark their presence in various places.

Finally, we return back to Delhi after completing our food trip. This is the place where you sit back at home, wrapped up in blankets while indulging in a cup of Masala Chai. Here, you can find food outlets with cuisines from the entire country. So, this winter, Happy Eating!



WINTER IS COMING

Ritwik Saha, 2nd year, SE

"Yes Ma, I go to all my classes", once a week.

Don't judge me. It's winter. In hostels. It's dreadful.

Everything seems to be conspired against you from being productive.

The Endsems are looming. They are like toothaches. We know that we should probably do something about them. But no, ignoring them

is so much easier. We get weeks of holidays in a stretch for the first time in months. How can anyone expect us to study in the perfect binge watching weather? It's a conspiracy.

The flu is everywhere, and it spreads like wildfire. We aren't exactly clean during winters.

You show me a hosteller who bathes everyday, I show you a masochist.

The water is freezing and the geyser seems like it is unwell too. The shower stalls are dusty from inactivity. The chilling air gives hypothermia if you have a spot of skin uncovered.

As a result, we are wrapped in our quilt for about three quarters of the day, sweating in comfort. You would think it's tough to live in our collective squalour. That's where the blocked nose helps. God's work if you ask me.

That being said, few pleasures beat cozying up in heaps of fabric. Maggi and chai at Baba's becomes exponentially more satisfying. And it's a welcome relief from the usual heat. Roaming Delhi under the sun becomes doable. It's a change of pace, and while everyone has their own opinion, there's something we can't deny.

Winter is coming.

Introduction to Procrastination

Amit Kumar Dogra, 2nd year, COE

Hey guys! How have you been doing lately?

Nothing much? Don't worry, we got your back.

Ok, so this course has already been excelled by all of you, since your childhood and is currently being implemented while you are reading this text. So why do you need to pursue it?

We award you with a formal certificate, given at the end of the course (at a cost which you won't be able to pay, obviously) which gives you a formal declaration to brag about how big a PRO have you become on PROcrastination.

The course is expected to last for 10 weeks but keeping in mind your habit of delaying things, we can extend it up to 15 because watching Suits is always going to have the highest priority. We assist our course with online lectures (which you will stop seeing after a week or so) and online modules (which are going to your Downloads folder, permanently).



We have a dedicated team comprising of vastly experienced..

..

..

..

..

Ah! Our bad! We ourselves took the course too seriously for a moment.

We already know that most of you have stopped reading about our course midway but if you didn't and are still reading this, enroll in our course, power down your device and make yourself productive.

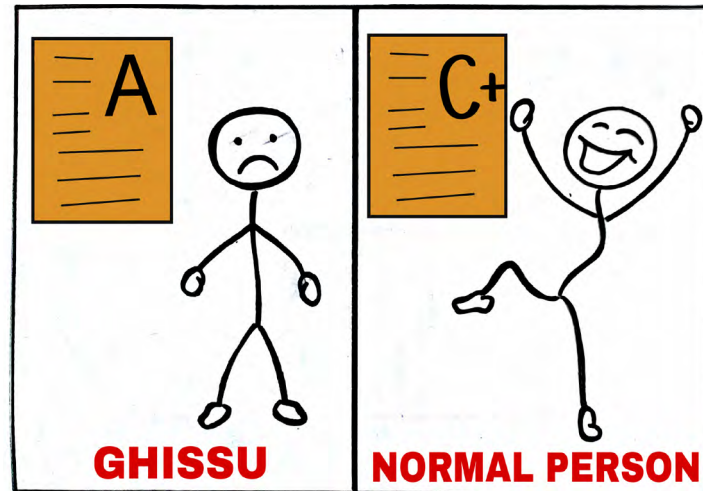
After seeing one episode of Friends, obviously. Cheers!

The End Sem Theory

Jessjit Singh, 1st year, COE

November and May are the darkest months in a DTUite's life—the time when you'll find the coolest of the people pulling all-nighters and spending almost the entire day, oscillating from the photocopy shop to the library instead of munching burgers at Mic-Mac. The reason? Yeah, you guessed it! Not because it's the title, but because it is approaching, like a silent storm, coming closer every second and everyone can relate to the unbearable stress and sacrifices that are associated with it.

After much research, it has been postulated that the grades you score are directly proportional to your marks in the midsems, the amount of caffeine you can gallop, the number of previous year question papers you can get your hands on, and definitely the time before your first exam.



Based on this analysis, a simple yet significant relation can be derived:

$$G = k * (\text{MidsemMarks} * \text{LastYearPapers}) + \text{CaffeineIntake}$$

where

G = grades,

k = proportionality constant

While Endsems are painful for the majority of the population, it is “the time of their lives” for a small set of people we refer to as “The Ghissus.”

They get the maximum social attention during this period and all their hard work and college life boil down to these few days. A person's Ghissu index is determined by his power of mugging everything he reads, the ability to gather confidential information regarding the exams from seniors and the number of times he sits on the front seat to get the teacher's attention.

On a serious note, though tedious, Endsems are an integral and inseparable (because you have to take them, no matter what) part of college lives. They reflect real life obstacles; and overcoming academic challenges today shapes one's attitude towards facing the ups and downs that lie ahead. So they must not, at any cost, be taken casually. One writes close to 50 End-Sem exams during college life and this experience gives much more than just a grade on a consolidated mark sheet.

Exam Hack 101

Jessjit Singh, 1st year, COE

Gone are the days when you made meticulous notes, finished the syllabus weeks before, revised everything thrice, and completed all previous-year questions just in time to be thoroughly prepared.

Now, you own one notebook for all subjects, are not sure about the syllabus (or even the books), revise the entire course in one night, and pray that you somehow pass. Welcome to College!

We've all experienced that nauseating anxiety after realizing an exam has crept up. Perhaps our doodle-filled planners failed to remind us, or we were distracted by Narcos, or a 17th Friends marathon. Whatever the case, there's no time to panic. Studying for semester exams is a prominent shift in schedule and strategy from school exams, so here are some hacks that might scale up your efficiency, when syllabus and time and inversely proportionate.

- You'll be shocked to see many of your friends rush to the library, only to leave with seven odd books in their hands, but always make sure to read from not more than two books.
- You might want to stay up studying through the night, but lack of sleep ruins memory. Pulling all-nighters will not only exhaust you, but will also force you to rush through the data, without properly processing it.
- Once you're sure of your concepts, teach it to a friend. This guarantees a longer retention of the topic.
- Create a mind palace (just like Sherlock), and connect ideas by creating a visual overview, which is easier to recall anytime. Also, YouTube everything for better clarity of thought in a short interval.
- Listen to mostly unfamiliar music, like ambient noise, which can lead to higher productivity by elevating your mood.
- Block distracting websites and apps (Yes there's an app for that too).



Keep these in mind, and voila, you'll ace those Endsems!

याराना, गपशप और इम्तहान की घड़ियाँ

Utkarsh Verma, 2nd Year, ECE



उत्कर्ष वर्मा, द्वितीय वर्ष, इलेक्ट्रॉनिक्स एवं संचार प्रौद्योगिकी

छठे-छमासे मलि कर दुआ-संलाम कर लयिा करते थे, वह भी घनषिठता की सरहदे लॉघते हुए आपके बारे में सभी जानकारियाँ एकत्रित करने के लिए उत्सुक हो जाते हैं।

इम्तहान सुनने में कतिना नकारात्मक लगता है। जैसे दुनिया से हमारा नाता तोड़ने आया हो! सबसे ताल्लुकात काटने एवं कतिबों और पन्नों से अरेंज मैरिज का न्योता ले कर आ जाता है हर बार।

परीक्षाओं का दौर ऐसा होता है जिसमें हर आधे घंटे के बाद एक 'बुरेक' की दरकार होती है। लेकिन इसी बहाने कम से कम चार बार एक जगह बैठ कर, दलि खोलकर बातें तो कर ही लेते हैं। इस दौरान कुछ वाक्यों से आपका सामना हर पंद्रह मनिटों पर हो सकता है जैसे, "भाई, सलिबस कतिना हो गया?", "ओये, तेरा इतना हो गया!?", "अरे कतिना पड़ेगा?" इत्यादि।

परन्तु, अपने साथ यह बहुत सारी मधुर और कटु स्मृतियों का पटारा भी ले कर आता है, और हमारे एकरस जीवन में हर बार कुछ नया, कुछ अद्वितीय, जोड़ कर चला जाता है।

हाँ, एक ऐसा बालक तो जरूर होता है जिसे ईश्वर ने फरशिते के रूप में भेजा होता है, सभी के कष्टों को हरने के लिए ही उसका सृजन हुआ होता है। नोट्स का लेन-देन एक रात पहले से लेकर परीक्षा के दिन सुबह पाँच बजे तक जारी रहता है, और उसमें भी कुछ लोग असहयोग आंदोलन छेड़ देते हैं - न दूसरों के नोट्स लेंगे और न ही अपने नोट्स दूसरों को देंगे।

वशिवदियालय में एंडसेम्स आने से एक महीने पहले से ही लोगों के वार्तालापों में इसकी चर्चा होने लगती है। चाहे आप कहीं भी बैठें हों, कोई न कोई सहपाठियों का समूह आप को मलि ही जाएगा जो परीक्षा के वषिय पर चतिन-मनन कर रहा होगा।

इन सब से परे, हॉस्टल में एक अलग ही वातावरण बन जाता है। परीक्षाओं के आते ही एकाएक लोगों का आना जाना बढ़ जाता है, ऐसे लोग जो क

अंततः यह छोटी-बड़ी बातें जो कियँ ही घट जाती हैं, बहुत सारी यादें संजोने को दे जाती हैं। तो आइये इस इम्तहान के मौसम को हँस-बोल कर वदिा करें, और आगे आने वाले अवसरों का स्वागत करें।



The Joy of Giving

Gursifath Bhasin, 2nd Year, IT
Chirag Arora, 4th Year, ECE

Lending a helping hand to someone who is in need of help is the reason humanity has been able to sustain itself all these years. We sometimes continue to be cocooned in a shell of indifference or oblivion and feel that we, as college students, cannot do much to help someone in need. However, unlike the majority, these students took the courage to think different and act accordingly. We admire their initiative and do our bit to let everyone know and draw inspiration from these noble hearts.



Zaffraan *The Food Blogging Society's Initiative*

"The day that hunger is eradicated from the earth, there will be the greatest spiritual explosion the world has ever known. Humanity cannot imagine the joy that will burst into the world."
-Federico Garcia Lorca

On the auspicious occasion of Diwali, Zaffraan-The Food Blogging Society of DTU initiated Project Roshni, in collaboration with NGO Bharatvanshi Samajik Samiti.

Following the motto: "If you can't feed a hundred people, at least feed one", Zaffraan arranged a treat for about a hundred children on 28 October, 2016. Donations for the same were raised through fun-filled activities like impromptu musical performances near Amul. The event concluded with the biggest gift the organisers could have imagined for: the beautiful smiling faces of children!

NSS Camp

NSS-DTU organised a 5-day camp in **Gadhaiya Village, Rampur District, UP** in October, 2016 in which they organized the following activities:

Camp Activities

Various workshops were conducted in the Govt. School including English Speaking, Computer Teaching classes and Alternate Career Counselling. Aiming to sensitize the inhabitants about the problems women face, a street play was performed in different parts of the village, which was very well received.

Solar Library

Overcoming irregular electricity supply, a Solar Library was set up in the village Govt. School. 1100 books, gathered by NSS DTU members, during "The Joy of Giving Week", by organizing a donation drive in DTU campus, were thus made available to the kids in the village through the camp.

Survey and Meeting Bureaucracy

An extensive survey was conducted in order to gather necessary data about the villagers which could further be utilised for availment of Govt. schemes and benefits. The insights were discussed in sessions with Mr. Amit Kishore, District Magistrate and Mr. Sanjeev Tyagi, Superintendent of Police, Rampur.



Other activities of NSS DTU included the **Adolescent Awareness Campaign** in which sessions on "Menstrual Health" were conducted throughout the year about hygiene and health related risks. They also kickstarted their new project **Recycle Today**, in collaboration with **NGO Jagruti** with the motto "Go Green, It's Our Dream" in August 2016. NSS-DTU will recycle old lab files, notes and notebooks and use the funds to buy stationery items for underprivileged children.

Give Back NGOs to Volunteer For

Vishesh Kashyap, 1st Year, ME

Volunteering for NGOs which represent causes you believe in, provides you with an opportunity to give back to the society, and make a difference to the lives of the less fortunate. It also gives you a chance to meet a new people and develop new skills.

A number of NGOs representing a plethora of causes welcome volunteers from around the country.

1. **Udaan** aims to provide affordable and intensive one-to-one rehabilitation and training to children and adults with moderate to severe disabilities.
2. **Honour** aims to prevent the use of drugs by the youth by creating awareness about their menace, as well as to support the recovery of addicts in partnership with rehabilitation centers, psychiatrists and social workers.
3. **Pratham** works towards the provision of quality education to the less privileged.
4. **Smile Foundation** aims to empower underprivileged children, youth and women through relevant education and innovative healthcare.
5. **Deepalaya** work alongside the economically and socially deprived, the physically and mentally challenged so that they become educated, skilled and self-reliant.
6. **CARE India** aims to fight poverty and social exclusion by facilitating empowerment of women and girls from poor and marginalized communities.
7. **Greenpeace** focuses its campaigning on a variety of issues such as climate change, deforestation, genetic engineering and pollution.
8. **Teach for India** gives the youth an opportunity to lend their skills by serving as teachers for the less privileged, aiming to solve the problem of educational inequity.
9. **Helpage India** aims to work for the cause and care of disadvantaged older persons and to improve their quality of life.

Know your Alumni

Ishwar Kanwar Puri

1982

- **Batch of 1982**, Bachelor of Engineering in Mechanical Engineering from DTU (then DCE).
- Obtained his **Ph.D.** and **M.S.** degrees from the **University of California, San Diego**.
- Started off as an Assistant Research Engineer at the University of California, San Diego.
- Appointed as a Visiting Assistant Professor in the Mechanical Engineering Department at the University of Illinois at Chicago (UIC) in 1990.
- Promoted to the rank of **Associate Professor** with tenure in 1994, and to **Professorship** in 1999.
- Worked as the **Executive Associate Dean** of Engineering (2001-04).
- In 2004, moved to **Virginia Tech** to assume the position of **Professor and Department Chair** of Engineering, Science and Mechanics.
- In 2011, was named the **N. Waldo Harrison Professor** at **Virginia Tech**.
- Since July 2013, serving as **Dean of Engineering, McMaster University**, Ontario, Canada.
- Fellow of the **ASME**, and of the American Association for the Advancement of Science.
- Served as the **Secretary** of the **American Academy of Mechanics**.
- Author of over 150 archival publications, which have been cited over 4400 times in the scientific literature per Google Scholar with an **H-Index of 37** and an **i10-index of 104**.



Pearl Uppal

1997

- **Batch of 1997**, B.E. in Industrial Engineering.
- Studied **MBA in Technology Management** from **Indian Institute of Technology, Delhi**.
- Worked as the **Key Account Manager** at **Yahoo! India** and **Rediff.com** till *Feb, 2003*.
- Went on to become the **Director, Sales** at **Yahoo!** from *April, 2005- October, 2009*.
- She has been the **Co-Founder** and **Chief Executive Officer** at **Fashionandyou.com** from *October, 2009-August, 2012*
- Since August, 2012, she has been the **Founder** and **General Partner** of **5ideas Startup Startfuel** which aims at helping promising startups accelerate to commercial success.



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Public Relations Officer

Dr. S. Indu,
Associate Professor and HOD,
ECE Department

Dr. Rajeshwari Pandey,
Associate Professor, ECE
Department

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Batch of 2014

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WEB DEVELOPER

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