

THE CAMPUS SCOOP

TO EMPOWER THE VOICE OF COMMUNITY

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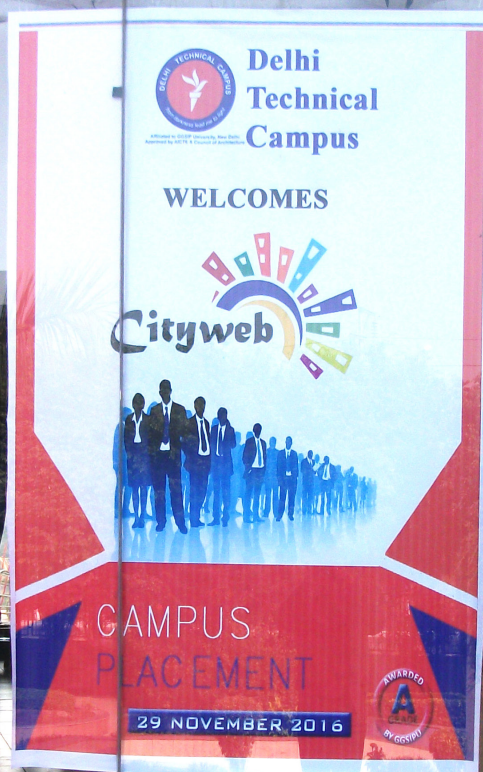
Affiliated to GGSIPU, New Delhi



Season of Selections

Delhi Technical Campus would like to wish all its readers a very prosperous &

**Happy
New
Year
2017**



KINESTHESIA 2016
An Event by First Year Students



DATE - 8 TH NOVEMBER, 2016	10:00 am - Inauguration at Auditorium	COORDINATORS -Ar. Chandrakala Kesarvani -Ar. Christopher Paul
VENUE - DELHI TECHNICAL CAMPUS BLOCK C, 1 ST FLOOR	11:30 am - Exhibition Block C, 1 st floor	



- Kinesthesia 2016
- Vision 2020- A Play by Karmbhoomi Team
- 'You Share, We Wear'

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Administration:

- Mr. Vipin Sahni (Chairman)
- Mrs. Kiran Sahni (Chairperson)
- Mr. Aman Sahni (Vice Chairman)
- Prof. Umakanta Chaudhury (Coordinator)

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Editorial

Bharti Shokeen
Vhuyashi Das
Ankit Gambhir
Durgesh Gupta
Sanobar Khan
Nikhil Nigam
Adhirath Mandal
Sugandh
Ar. Sushma Garg
Ar. Arundhati

DIRECTOR GENERAL'S MESSAGE



Justice Bhanwar Singh
(Former High Court Judge)
Director General, Delhi
Technical Campus

Affiliated to Guru Gobind Singh Indraprastha University, Delhi Technical Campus is a well-established institute in Greater Noida and offers technical and professional courses in the field of Engineering, Architecture and Management. Within a short span of only three years, Delhi Technical Campus has made an indubitable place in the academic arena of Delhi NCR, and has been awarded 'A' Grade by GGSIP University for academic excellence.

We offer B.Tech program in the streams of Computer Science Engineering (CSE), Mechanical and Automation Engineering (MAE), Civil Engineering (CVE), Electronics and Communication Engineering (ECE) & Electrical and Electronics Engineering (EEE) and MBA with specialization in Finance, Marketing, International Business, Information Technology and Human Resource Management. In all these courses, the students are admitted on the basis of competitive exam conducted by GGSIP University, and 85% seats are reserved for Delhi students. Hence, we enroll bright students with strong academic background from Public Schools who have scored very high percentage in the academics.

The institute boasts of great intellectual wealth from premier institutes like IIT, DTU, DU, JNU, NIT etc. Groomed and shaped with a strong foundation in experienced hands, our students have always brought laurels in all fields of sports, academics and extra-curricular. Every year, our students got distinctions in the university exams and registered their name in the university list of achievers.

Along with academic excellence, Placement has always been a mission for the Institute, so the planning, preparation and execution of this mission starts from the very beginning. Through industrial exposure, field visits and creative and innovative research projects, the students are given rigorous training and experience. Going ahead of the market requirements and company demands, the Institute has also organized a 50 hours special soft skills enhancement session for the students. In addition to that, Guru Gobind Singh University has always upgraded and devised the course curriculum in line with the changes and demands of industry.

The Institute has already set records in the placement of its 1st batch of MBA students and boasts of placing 88% students out of 92% who opted for placement with reputed companies and organizations such as Axis Bank, Mahindra, American Express, Hindustan Times, ICICI Pru, TOI, India Mart, Just Dial etc. Heading for the 1st batch of our B Tech and next batch of MBA students, we are sure that our students will prove to be highly competent and an indispensable part of any organization they join. ■

Story of Success!



"The whole worth of life lies not in perfection, but in the efforts to become perfect, not in accomplishments but in the strife to accomplish."
Robert Browning

After being enriched, empowered and energized with various kinds of academic, intellectual and ethical supplements, the young birds are now preparing and planning to fly high in the professional world. Though fully confident with lots of motivation and inspiration, their inexperienced wings sometimes land them here and there amid this highly competitive environment. Here in lies the role of teachers and experts to train and guide them beyond the traditional and supportive atmosphere of classroom. I am deeply pleased to initiate the formal academic ritual of writing a message and thus blessing my academic soldiers on their new journey.

Dear students, there is no short cut path to success in life. Each step, each phase and each stage of life is a probation period in which strife, moral valour and guidance of the highest conception we have yet attained are the best equipments. Set a high goal or destination for self, and keep on chasing that dream perpetually and incessantly as Tennyson has rightly said in one of his wonderful poems:

"To strive, to seek, to find and not to yield"
—Alfred Tennyson, *Ulysses*

Climbing this tough mountain, if you slip the ladder, you should not feel disheartened. Remember this doctrine that imperfections and failures are the man's glory. These are the training and preparation steps for the final achievement.



Editor's Desk

Climbing this tough mountain, if you slip the ladder, you should not feel disheartened. Remember this doctrine that imperfections and failures are the man's glory. These are the training and preparation steps for the final achievement.

"What is our failure here but a triumph's evidence for the fullness of the days?"

Why else was the pause prolonged but that singing might issue thence?

Why rushed the discords in but that harmony should be prized."

With all the hard work and rigorous training that you have gone through all these years in the institute, you have now reached the final stage of fruition. I bless my students once again with these words:

"A man's reach should exceed his grasp

Or what's a heaven for?" ■

—Bharti Shokeen

Academic Events

Management The Season of Selections!

The truest heritage of an institute can only be measured by the success of its alumni". It gives us immense pleasure to communicate that our final placement process has begun and we are really enthused to announce the participation of emerging companies looking forward to take away the talent of Delhi Technical Campus, Greater Noida. The whole placement process is carried forward by the diverse pool of young professionals from various domains of DTC, Greater Noida.

Students are connected to the corporate world through seminars, expert lectures, workshops, summer internship, dissertations and short term projects, all of which are a part of the curriculum and are mandatory to be taken up by the students. This year, the college has taken a positive shift in the placement process and collaborated with a consultancy firm Dreamuny Education Pvt. Ltd for placement preparations of MBA as well as B.Tech students. Motivated by the implementation of these energizing sessions in our campus, the aspirants have positively participated and improved themselves in aptitude and group discussion. With their nascent placement activities, the departments are working hand in hand to create professionals who are well equipped to face the industry requirements and demands.

Companies from a host of different industrial sectors have offered the placement opportunities to the students. Almost 40% students have been selected and placed with reputed companies and we shall achieve the complete task by the end of March, 2017. A few of the companies are listed in the table. ■



The Season of Selections

Jaro Education	IT Globaliser
Dimension Group	Mirus Solutions
Genpact	KPG 99 Inc
HDFC (Naukri.com)	Bajaj Capital
Accenture	Cryoviva Biotech Private Limited
KDS Group	My wish Marketplaces Pvt. Ltd.
Sparsh Goup	CITYWEB
HDFC AMC Ltd	

Engineering

Seminar on Application of AutoCAD in Industrial Design

The Department of Mechanical and Automation Engineering (MAE) organized a seminar on Application of AutoCAD in Industrial Design on November 17, 2016 for the students of 2nd and 3rd year. The expert for the event was Mr. Amit Tiwari from LeLogix Business Solutions Pvt. Ltd. The objective of the event was

to familiarize the students with importance of AutoCAD in industrial design. In addition to that, an agreement has been signed between the Department of MAE and the LeLogix Business Solutions Pvt. Ltd. regarding the coaching of professional AutoCAD to students in the college campus.. ■

How to learn better!

It is well known that Engineering is basically application of scientific theories and facts. In Engineering, scientific concepts, after transforming into the mathematical models and equations, are used to make things of daily life use.

Hence, in Engineering, we mostly come across the subjects where a lot of analysis and designing is done by using our numerical solving ability.

To enhance and develop the numerical solving ability, the student who is about to study Engineering imbibes certain 'good' learning habits from the outset. It is only then he will find engineering to be captivating and rewarding.

In this context, I venture to mention some of the 'good' learning habits below:

- i. Engineering is learnt by doing only. Do not just read your text-book. You should always have a pen and paper with you and 'work through' the text. The above mentioned point holds good while attending a lecture also.

- ii. Never spend too much time on a particular problem and revert to one which is giving trouble a little later with a fresh mind. Try to solve problem three to four times before giving up. After that you should discuss the same with your friends before approaching your teacher.
- iii. The human brain is capable of storing only a limited amount of information. What is not used frequently is eliminated from the storage. You will do well; therefore we should make summaries of basic results of every topic and frequently review them.
- iv. Always attempt all the problems of assignments/tutorial sheets yourself. It does not matter if you do not get right results since it is always better to do something imperfectly than to do nothing flawlessly. ■

Dr. Jitender Kumar Pathak
HOD-ECE Dept.

Assembling electronics circuits using discrete components: An effective way to perform experiments

The Department of Electronics and Communication has taken initiative to make learning in Analog Electronics laboratory more interesting and exciting by using discrete components instead of kits.

This helps the students to become familiar with various electronics components, electronics measuring, how to

assemble a given circuit and analyze the same using electronics measuring instruments.

Ms Reena Parihar and Mr Manoj started this initiative under the guidance of Prof. (Dr.) Jitender kumar Pathak. ■

Ankit Gambhir
ECE-Department

Architecture

LE CORBUSIER Series of Special Lectures - Seminar on 'Traditional is Modern'

The Le Corbusier Series of Special Lectures is an open ended and perpetual monthly lecture series at the School of Architecture, Delhi Technical Campus. The series is designed to cover an all encompassing array of topics in architecture. These may be historical issues related to architecture; technological advances in architecture; heuristic design, philosophies or approach to design discussion on a project executed by the speaker entailing interesting information for the students; or discussion on projects/cities/ Urban/Built Environment of national or international importance. The lectures in the series are delivered by persons of eminence who have gathered expertise in their field of specialization. These include well known academicians, practicing architects, representatives of the building industry and representatives from concerned departments / ministries of the Government.

In continuation with this series, the School of Architecture organized a seminar on "TRADITIONAL IS MODERN" by MR. RANDOLPH LANGENBACH (Conservation Architect, Oakland California) on November 22, 2016. The seminar started with a warm welcome of MR. RANDOLPH LANGENBACH by Professor Sushma Garg.



MR. RANDOLPH LANGENBACH started his lecture with brief introduction of Vernacular Architecture and Traditional Timber and Masonry Construction, and Earthen Construction in Earthquake prone areas. As a photographer, architect, and conservationist, he combines these skills to create sustainable work that is artistically and culturally significant.

He highlighted the following points during his discussion:

- Seismic vulnerability and methodologies for the strengthening of historic masonry buildings.
- Damage and recovery operations after the earthquake in Molise, Italy.
- Damage to historical structures

in India from the Bhuj (Gujarat) Earthquake of 2001, the 2002 earthquake in Tbilisi, Georgia, the 2003 Bam, Iran earthquake, and the 2005 earthquake in Kashmir.

- Traditional timber-laced masonry in turkey.
- "POMBALINO" AND "CASA BARACADA" construction in portugal and Italy.
- "Gabion Bands," a technology he invented that improves stability in buildings by creating a continuous band of stone bound together by wire or polypropylene mesh.

On behalf of the Department of Architecture, Ar. Chandrakala Keserwani gave Vote of Thanks at the end of Lecture. ■

Academic Trip to Nainital & Jim Corbett



The School of Architecture organized an educational trip to Nainital & Jim Corbett from November 14-18, 2016. 36 students along with 2 college faculties visited Nainital to observe & study the hill resort architecture and the use of local materials for the construction of resort.

The tour began with the visit to Chevron Resort, which was reflecting the true picture of Vernacular Architecture of Nainital.

On November 16, the day started with local sightseeing at Nainital followed by our tour to Jim-Corbett. Our students got the opportunity to study the Winsome resort, its planning & layout etc at Jim-Corbett. Later in the

afternoon, we went for our next resort study at adventure resort, Jim-Corbett.

Overall the trip was a wonderful experience. We got to study the local hill architecture of Nainital, spaces, ergonomics, and hierarchy, design principles etc. It was also a chance to interact and communicate with locals and understand the culture, heritage and local traditions of Nainital. ■

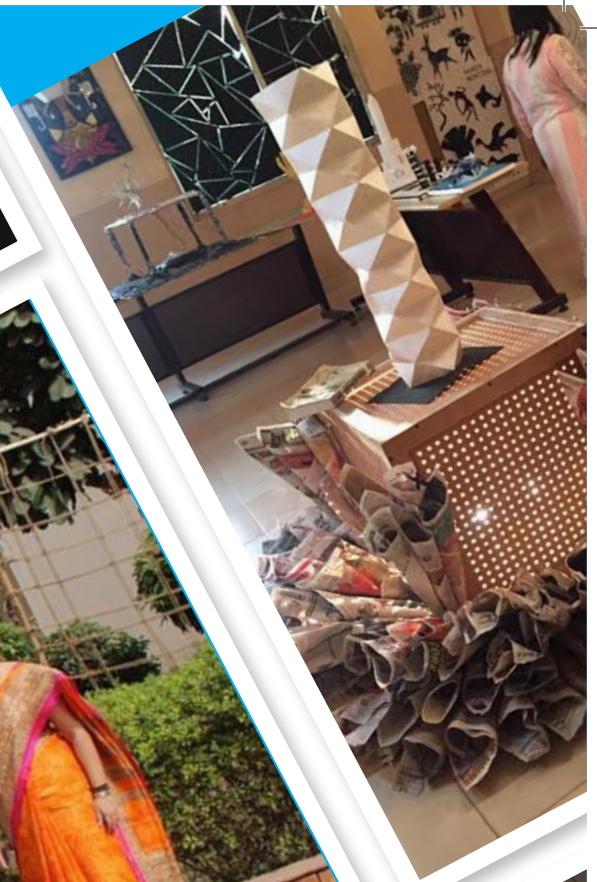
SITE VISIT to DMRC, Greater Noida

A site visit was conducted by the School of Architecture on November 21, 2016 for “Prefab Constructions” pertaining to the syllabus “Building Construction & Materials – IV” for IVth Year Architecture(Batch 2013-18).

The students were able to understand the details of M.S.Prefab Constructions for the Metro Rail Terminal Buildings & other related structures being constructed on site.

They also came to know about the application of mechanized construction equipments& systems for fast pace construction. ■





Beyond Academics



Academic exhibition- Kinesthesia 2016

The School of Architecture organized an academic exhibition 'Kinesthesia 2016' on November 8, 2016. The exhibition was an academic event where 1st year students displayed the work done during the current semester.

The chief guests of the event were Prof. Vijay K. Sharma, Architect & Town Planner Professor, Proctor & State Public Information Office, Faculty of Architecture Urban and Town Planning, D.C.R. University of Sc. and Tech, Murthal and Prof. Shailja, Faculty of Architecture & Town Planning, DMR University. The other dignitaries who graced the occasion were Mr. Vipin Sahni, Chairman, Sunshine Educational & Development Society, Delhi Technical Campus, Ms. Kiran General, Dr. Rakesh Sharma, Secretary of Education, Himachal Govt and Mr. and Mrs. Kerr, Educationist, UK.

The Event started with a warm welcome of Guests and Attendees by Ar. Chandkala Kesarwani followed by exhibition and cultural programme. Vote of thanks and closing of the ceremony was conducted by HOD Tanya Gupta. ■



Beyond Academics

'Vision 2020': A Play by Karambhoomi Team

Delhi Technical Campus organized a session conducted by the Karambhoomi Team on November 28, 2016 to enlighten the students about the future of the Youth of India. The sole purpose of Karambhoomi movement is to create leaders, icons who can inspire the youth to follow a path of self awareness and decision making.

"Today youngsters have a common goal, to become rich, powerful & famous through any means necessary, without bothering about rules and ethics. The Karambhoomi Movement aims to create leaders who would inspire youth to create more leaders and consciousness of each action being taken by them" said Ms Kanupriya, Director and Media and Creative Workshops Advisor of the show at Bindass Channel.

The Team performed a play for the students that highlighted the WHO Report of decline in Mental Health of the youth of our country. The play beautifully conveyed the message that the youth should refrain from Alcohol and Drugs. It highlighted the importance of issues related to Depression and the possibility of high suicide rates amongst the youth in times ahead.

After the play, the Team had an interactive Question Answer round with the student audience. There were very interesting questions put up by the students who introspected and discussed the issues related to the youth of India. The students were made aware that that they should not get into smoking and alcoholism just because their friend circle considers it cool to be into these practices. They were motivated towards not getting discouraged by the failures in life ahead. ■



Beyond Academics

The Community Connect Project: “You Share, We Wear”

The Community Connect Project is a continuous program of Delhi Technical Campus. Through the project, the Institute embraces the responsibility towards the community and environment (both ecological and social) in which it operates. It endeavors to make a positive contribution to the society. A wide range of activities are covered in the project such as conducting blood donation drives, providing assistance during disaster, encouraging staff and students to volunteer, supporting

worthy social causes etc.

To continue positive efforts in this direction, the Institute organized a Blood Donation camp last month on 3rd Oct 2016. Similarly, we initiated the program “YOU SHARE, WE WEAR” this month to reach out to the under privileged sections of the society. Donation Boxes were placed at convenient places in each Block, wherein students as well the faculty members made voluntary contribution for this noble cause. ■



Annual Sports Meet

Delhi Technical Campus organised its Annual Sports Meet for the Faculty and Staff Members on 15th and 16th December 2016. All the faculty and staff members participated in various events viz :

- Badminton
- Cricket
- Table Tennis
- Chess
- Carrom
- Tug of WAR
- Shot Put
- Volleyball

The inauguration of the event was held in the presence of Director, Dr. U.K. Choudhury, Dean Academics, Dr. Pranay Tanwar, Dean Administration, Prof. Jitendra Pathak. All faculty and staff members of DTC family were made to take The Sports Pledge. It was followed by the National Anthem along with flag hoisting ceremony. To give an informal touch to the event, poems related to the sports event, composed by Mr. Durgesh Gupta and Mr. Rohit Gupta, were recited.

It was extremely delightful to witness the display of hidden talents of the DTC family. The highlight of the event was

Tug of WAR where the entire DTC family was divided into four teams. The objective of the event was to promote team building and to highlight the positive results of team work. The winners of the various sports events were awarded certificates as winners and runner-ups.

The DTC family expressed gratitude towards the entire sports committee, and specially the Coordinator, Mr. Durgesh Gupta for the initiative and hard work done to give this event a successful end.



Faculty Development Program

A Faculty Development Program was organized at Delhi Technical Campus from November 28-December 2, 2016 on 'Technical Teachers Self Esteem, Motivation and Professionalism Development'. This resourceful and enriching academic event was conducted by NITTTR, Chandigarh, and the entire faculty participated in the program.

Objectives of the course:

- Develop understanding of the role of the teachers and factors affecting his performance and effectiveness.
- Explore their role identity and self efficacy
- Adopt ways and means for enhancement of their self efficacy and self-esteem
- Determining ways and means for enhancement of their motivation, effectiveness, professionalism and role efficacy Develop emotional balance and spiritual coefficient in

teachers

- Analyze the personality and values of teachers and suggest ways of developing likeable personality.

Course Contents:

- Role Efficacy of Polytechnic Teachers
- Polytechnic and Vocational need of polytechnic teacher
- Motivational of polytechnic teachers and its enhancement
- Concept of Self esteem and self efficacy of teachers
- Values in teachers and strategy for developing values in teachers
- Professional Standards and professionalism in polytechnic teachers
- Emotional balance and spiritual quotient in teachers
- Role stress in teachers and how to reduce it



- Faculty development in polytechnics and State policy of faculty development
- Knowledge management in polytechnics
- SWOT analysis of polytechnic teachers
- Action plan for motivation, self esteem and professionalism in polytechnic teachers

The 5 days webinar ended on December 2, 2016 with the vote of thanks by course coordinator Dr. Rakesh Wats of NITTTR and DTC coordinator Ankit Gambhir. ■



Students' Corner

We innocent

DTC students watch favorite TV shows & increase TRP,
And here the college administration started using software ERP

By bunking the classes we students feel independence,

But because of this act we always get short attendance.

It doesn't matter how much respect we gained,

Due to short attendance we used to be detained.

We innocent people want to keep ourselves calm,

But for detained students there is announcement of re-exam.

We are cashless students most of the time we use ATM,

Now the HOD's, teachers are giving us headache by starting PTM.

Finally there is sudden increment in our frustration,

Because unwillingly we have to face end term examination.

(Swati, MBA). ■

The DTC Janbaaz!

Hum Hein DTC Janbaaz, Rahte hein bindaas raat din,
Physics ho ya Math ki Class, hume nahi koi honsh awaas.

Hum Rahte Hein Bindaas Raat din.

Hum Hein DTC Janbaaz, rahte hein bindaas raat din,

Cricket ka hai hume shonk khaas,

Amphitheatre mein karte hai jam ker abhyaas,

Hum Hein DTC Janbaaz, rahte hein bindaas raat din.

Likhte hein Bakwaas

Phir bhi hai Vishwaas

Paper kiye hai Jhakaas

Hum honge ek din jazoore paas

Hum Hein DTC Janbaaz, Rahte Hein Bindaas Raat Din!

(Abhishek Karna) ■



Araj Kiya Hai!

Araj Kiya Hai!

Samundar Jitna Target Kiya,

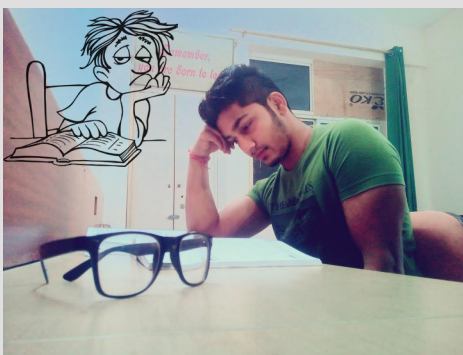
Nadi Jitna Select Kiya,

Balti Jitna Rat Liya,

Gilaas Jitna Ulat Diya

Aur Chullu Bhar Number Praapt Hua!

(Rahul Jain, CSE) ■



Meet the Real Makers

जिनकी वजह से है DTC महाविद्यालय में हरियाली,
वे हैं हमारे स्वाभिमानी और प्रकृति प्रेमी माली।

जो खिलाते हैं हमें खाने के साथ मीठी सेवइयां,
वे हैं हमारे कॉलेज होस्टल की किचन के रसोइयां।

DME हो या DPS या फिर हो वो स्कूल मयूर,
हमारे वाहन चालक ले जाते हैं, चाहे मंज़िल हो कितनी दूर।

जो इस महाविद्यालय की सफाई के प्रति हैं वफादार,
वे हैं हमारे ईमानदार, कर्मठ और मेहनतकश जमादार।

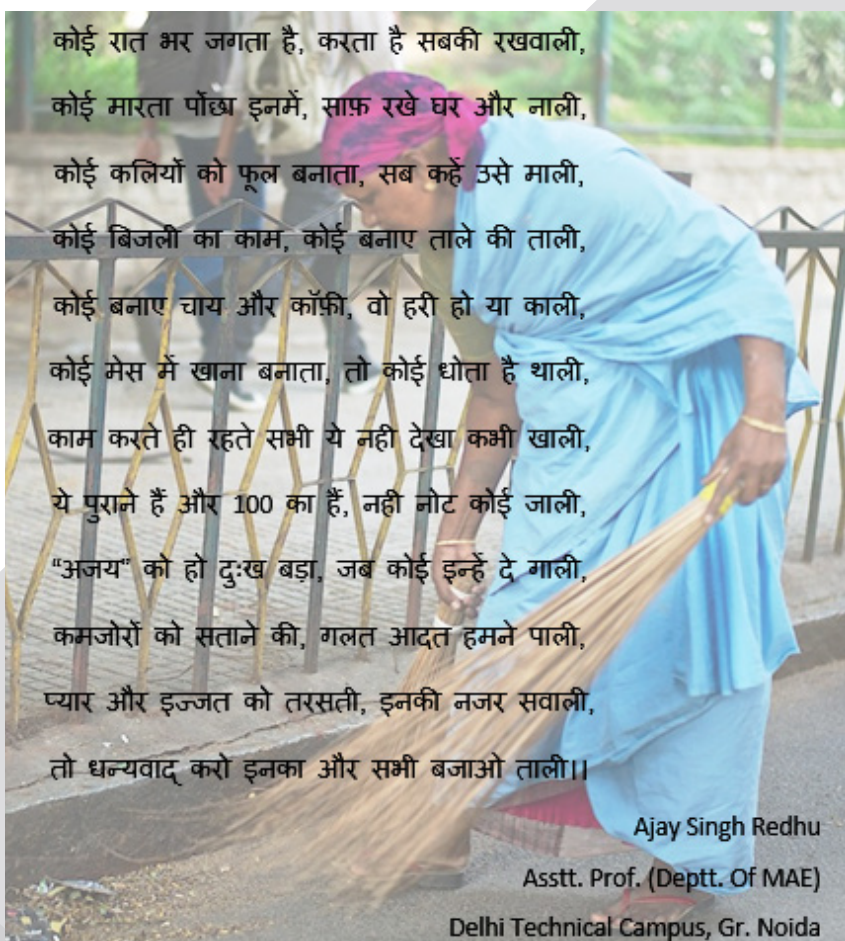
चाय के लिए हमेशा जो रहती है हमारी आत्मा प्यासी,
उसकी तृप्ति शांत करते हैं यहाँ के सभी चपरासी।

जिनके होने से यहाँ सुरक्षित हैं विद्यार्थी और शिक्षक,
वे हैं हमारे महाविद्यालय के अत्यंत बहादुर द्वार रक्षक।

फर्नीचर की वजह से लगती है प्रयोगशाला हमेशा नई,
जिसकी देखरेख और मरम्मत करते हैं यहाँ के बढ़ई।

अति आवश्यक है हमें सारे इलेक्ट्रीशियन और पलम्बर,
सभी का तो महत्व याद दिलाता है ये महीना दिसम्बर।।

-रोहित



कोई रात भर जगता है, करता है सबकी रखवाली,
कोई मारता पोछा इनमें, साफ रखे घर और नाली,
कोई कलियों को फूल बनाता, सब कहें उसे माली,
कोई बिजली का काम, कोई बनाए ताले की ताली,
कोई बनाए चाय और कॉफी, वो हरी हो या काली,
कोई मेस में खाना बनाता, तो कोई धोता है थाली,
काम करते ही रहते सभी ये नहीं देखा कभी खाली,
ये पुराने हैं और 100 का हैं, नहीं नोट कोई जाली,
“अजय” को हो दुःख बड़ा, जब कोई इन्हें दे गाली,
कमजोरों को सताने की, गलत आदत हमने पाली,
प्यार और इज्जत को तरसती, इनकी नजर सवाली,
तो धन्यवाद करो इनका और सभी बजाओ ताली।।

Ajay Singh Redhu

Asstt. Prof. (Deptt. Of MAE)

Delhi Technical Campus, Gr. Noida



Research and Publications

1. Research Paper "Quality function deployment in India: A review" *International Journal of Advance Research and Innovation*, 4(3), (2016), 587-591. Authors: MK Shukla, Bhupendra Singh Chauhan
2. Research Paper "QFD Concepts Integrated with Design of Indian Military Vehicles" *International Journal of Advance Research and Innovation*, 4(3), (2016), 587-591. Authors: MK Shukla, Bhupendra Singh Chauhan, Ashutosh Kumar Rai
3. Research Paper "Combustion Characteristics of Jatropa Biodiesel in A Single Cylinder Diesel Engine", for RAME 2016, 14th & 15th October 2016, DTU, Delhi, India, ISBN-978-194523970-0. Authors: Haeng Muk Cho, Bhupendra Singh Chauhan
4. A paper entitled "Effect of electrode location and thickness ratio of flange and web on I cross section piezoelectric cantilever beam for its actuation capability" has been accepted in JOURNAL OF VIBROENGINEERING (Thomson Reuters (SCI)), authored by Atul, Vinayak Ranjan and Nand Kishore Singh Article ID: 17087; Draft date: 2016-12-12 13:01
5. A paper entitled "Design and Flow Simulation of Straflo Turbine for Micro Hydro Power Station" has been accepted and presented by Ajay Singh in 6th International and 43rd National Conference on Fluid Mechanics and Fluid Power December 15-17, 2016, MNNTA, Allahabad, U.P., India, authored by Ajay Singh and Vishnu Prasad, Paper ID 295
6. Ankit Gambhir & Dr Rajeev Arya presented a paper titled 'Performance Analysis of DES Algorithm and RSA Algorithm with Audio Steganography' in International Conference on Communication & Signal Processing ICCASP 2016 at Dr. Babasaheb Ambedkar Technological University Maharashtra on December 26, 2016..