

Agrani Samkalp

अग्रणी संकल्प



शिपाही खड़ा वह अडिग हिम शिखर पर उसे आज आशीष भरी भावना दो
यह मत समझना कि वह है अकेला करोड़ों हैं हम उसी के एक पीछे।
उसी एक में हम अनेकों समाये वो प्रहरी हमारा सदा मुस्कुराये।

MAHARAJA AGRASEN TECHNICAL EDUCATION SOCIETY



SMART INDIA HACKATHON 2019





डॉ. नंद किशोर गर्ग

राष्ट्र निर्माण की साधना

आज से दो दशक पहले 1998 में जब महाराजा अग्रसेन टेक्निकल एजुकेशन सोसायटी का गठन उच्च तकनीकी शिक्षा प्रदान करते हुए देश के लिए आदर्श मानव संसाधन विकसित करने के लक्ष्य के साथ किया गया था तो शायद हमें भी नहीं पता था कि हम एक ऐसी शिक्षण संस्था खड़ी करने में कामयाब हो जायेंगे जिसके माध्यम से नर्सरी से पीएचडी तक की शिक्षा लगभग 10 हजार विद्यार्थियों को प्राप्त होगी। इस सफलता के लिए गीता में कृष्ण के निष्काम कर्मयोग के सिद्धांत को प्रेरक मानता हूँ क्योंकि इस संस्था के गठन में सहयोग देने वाले 200 ट्रस्टियों एवं 1000 से ज्यादा सहयोगी सदस्यों के मन में फल प्राप्त करने की रंच मात्र भी इच्छा नहीं है। मुझे महसूस होता है कि जब आप निष्काम भाव से कर्म में जुट जाते हैं तो सफलता के मुकाम अपने आप आपके कदमों के नीचे आने लगते हैं एवं आप नई-नई मंजिलों को प्राप्त करने के लिए आगे बढ़ते रहते हैं। हमारे प्रधानमंत्री आदरणीय नरेन्द्र मोदी जी भी कहते हैं कि जीवन में कुछ बनने का नहीं वरन करने का सपना देखना चाहिए। सोसायटी के सदस्यों ने भी करने का सपना देखा एवं वह सपना कितने सुंदर रूप में साकार हो रहा है उसे सारी दुनिया देख रही है। आज हमारे 1000 से अधिक विद्यार्थी दुनिया के विभिन्न देशों में अपनी योग्यता एवं व्यक्तित्व के माध्यम से भारत माता का नाम रोशन कर रहे हैं। 100 से अधिक विद्यार्थी भारतीय सेनाओं में काम कर रहे हैं। शिक्षा, निर्माण, बैंकिंग, व्यापार उद्योग, खेल, सिनेमा, प्रशासन सहित जीवन का ऐसा कोई क्षेत्र नहीं है जहां हमारे विद्यार्थी अपनी प्रतिभा प्रदर्शित करने में सफल नहीं हो रहे हों। पिछले वर्ष हमारी सोसायटी द्वारा कानून की भी पढ़ाई प्रारम्भ की गई है एवं मुझे विश्वास है कि शीघ्र ही हमारे विद्यार्थी देश की न्याय व्यवस्था में भी अधिवक्ता एवं न्यायाधीश के रूप में अपनी चमक बिखेरते नजर आयेंगे। गौरव का विषय है कि इस वर्ष भारत सरकार द्वारा आयोजित SMART INDIA HACKATHON में हमारी 20 टीमों (MAIT की 19 टीम, MAU की 1 टीम) ने हिस्सा लिया जो देश भर में किसी भी संस्था की प्रतिभागी टीमों से अधिक है। MAIT की 6 टीमों और MAU की 1 टीम ने पुरस्कार भी जीते।

सोसायटी ने अपने विद्यार्थियों को केवल तकनीकी एवं प्रबंधकीय ज्ञान से युक्त बनाने का ही प्रयास नहीं किया है वरन हमारा प्रयास ऐसे नागरिक तैयार करना रहा है जिनके अंदर राष्ट्रीयता एवं देशप्रेम की भावना भरी हुई हो। इसीलिए सोसायटी द्वारा साल में कम से कम 15 सांस्कृतिक कार्यक्रम आयोजित किए जाते हैं जिनके माध्यम से विद्यार्थियों को भारतीय संस्कृति से जोड़ने का प्रयास किया जाता है। सोसायटी द्वारा शिक्षण सत्र का प्रारम्भ ही विधिवत यज्ञ एवं हवन के साथ किया जाता है। जिसमें किसी ऐसे विद्वान व्यक्ति को मुख्य अतिथि के तौर पर आमंत्रित किया जाता है जिसे सुनकर विद्यार्थियों की चेतना एवं बौद्धिक स्तर विकसित हो सके। इसके बाद स्वतंत्रता दिवस, महाराजा अग्रसेन जयंती, दिवाली मिलन, विज्ञान दिवस, इंजीनियर्स दिवस, बसंतोत्सव, नेता जी सुभाष जयंती, स्वामी विवेकानन्द जयंती, मकर संक्रांति, गणतंत्र दिवस, सरस्वती पूजा जैसे अनेकों कार्यक्रमों की श्रृंखला लगातार आगे बढ़ती रहती है। पिछले कई वर्षों से सोसायटी द्वारा आयोजित रक्तदान शिविर सफलतापूर्वक आयोजित किया जा रहा है। इस शिविर की विशेषता यह होती है कि इसमें रक्तदान करने वालों की संख्या इतनी ज्यादा होती है, रक्त लेने की व्यवस्था कम पड़ जाती है। इसी वर्ष 850 यूनिट रक्त एकत्र किया गया एवं कम से कम 200 लोग रक्त देने से वंचित रह गए क्योंकि समय काफी ज्यादा हो गया। आज देश को ऐसी युवा पीढ़ी की आवश्यकता है जो देशप्रेम की भावना से भरी हुई हो। इस आवश्यकता को पूरा करने का काम उच्च शिक्षण संस्थाओं द्वारा किया जा सकता है। राष्ट्रीय चेतना से ओतप्रोत युवा पीढ़ी ही इस देश से भ्रष्टाचार एवं विषमता को समाप्त करने का काम कर सकती है। हमारी सोसायटी अपने इस दायित्व को भलीभांति समझती है एवं उस दायित्व को पूरा करने में किसी प्रकार की कमी नहीं छोड़ती। ऐसा करने में हमें इसलिए सफलता मिल रही है क्योंकि सोसायटी का दृष्टिकोण व्यावसायिक न होकर राष्ट्र निर्माण है। हमारा दृष्टिकोण ही हमारे कार्य की रूपरेखा बनाने में सबसे बड़ी भूमिका निभाता है।

सोसायटी का रजत-जयंती वर्ष 2023 में मनाया जाएगा। हम अपने रजत-जयंती वर्ष तक अपनी सेवाओं को और विस्तार देने का प्रयास कर रहे हैं। मेट एवं मेम्स परिसर में 50 हजार वर्ग फीट एरिया में निर्माण कार्य की स्वीकृति डीडीए से प्राप्त कर ली गई है। इस निर्माण को दो वर्ष के अन्दर पूरा किया जाएगा। महाराजा अग्रसेन विश्वविद्यालय बदी हिमाचल प्रदेश में छात्राओं के लिए अत्याधुनिक सुविधाओं से युक्त छात्रावास का निर्माण कार्य पूरा कर लिया गया है। इसके अलावा इंटरनेशनल हॉस्टल का भी निर्माण किया गया है। ऑडिटोरियम का निर्माण कार्य चल रहा है। लखीराम पार्क में विद्यालय भवन का निर्माण कार्य पूर्ण कर लिया गया है एवं अमन विहार में निर्माण कार्य चल रहा है। सोसायटी द्वारा मेट एवं मेम्स परिसर के पूरे निर्माण कार्य का नियमितकरण करवा लिया गया है एवं इसके लिए 2 करोड़ रुपये डीडीए को जमा करवाए गए। इसे ईश्वर की कृपा ही कहा जाएगा कि सोसायटी द्वारा जो भी लक्ष्य निर्धारित किया जाता है उसे पूरा करने में सोसायटी के सभी सदस्य एवं पदाधिकारी तन-मन-धन से जुट जाते हैं। इसके लिए मैं सोसायटी के प्रधान श्री प्रेमसागर गोयलजी एवं उनकी पूरी टीम को बधाई देना चाहता हूँ जो समाज से सहयोग प्राप्त करने के लिए हरसंभव प्रयास करते हैं। किसी भी शिक्षण संस्था की सफलता का श्रेय वहाँ काम करने वाली एकेडमिक फैकल्टी का होता है। मुझे प्रसन्नता है कि सोसायटी से जुड़े हुए सभी फैकल्टी सदस्य अपने कर्तव्य पालन के प्रति समर्पित हैं। यही कारण है कि हमारे विद्यार्थी इन्द्रप्रस्थ विश्वविद्यालय की मेरिट लिस्ट में लगातार अपना स्थान बनाते रहे हैं। फैकल्टी द्वारा पूरे वर्ष विभिन्न सेमिनार, वर्कशॉप इत्यादि का आयोजन किया जा रहा है। जिससे विद्यार्थियों को पाठ्यक्रम से अलग हटकर भी कुछ नया करने की, कुछ नया सोचने की प्रेरणा प्राप्त होती है। हमारे ट्रस्टी भाइयों एवं फैकल्टी सदस्यों के बेहतरीन तालमेल का ही परिणाम है कि महाराजा अग्रसेन इंस्टिट्यूट ऑफ टेक्नोलॉजी आज देश के गैर सरकारी इंजीनियरिंग कॉलेजों की सूची में प्रथम 10 रैंकिंग में सम्मिलित है।



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National Board of Accreditation (NBA) accredits three courses at Maharaja Agrasen Institute of Technology

The need and demand for accreditation of professional programmes in India has arisen because of the explosive growth in the number and variety of such professional Institutions and programmes since the decade of nineties. Such an exercise will ensure that the Institution indeed has, and is likely to continue to have, in the near future, the necessary instruments and resources, for the programmes to produce competent professionals that not only meet the local industry requirements, but are also acceptable in the global job markets

Accreditation is a process of quality assurance and improvement, whereby a programme in an approved Institution is critically appraised to verify that the programmes of the Institution continues to meet and exceed the Norms and Standards prescribed by AICTE from time to time.



Keeping this in mind the MAIT team worked hard to get accredited . The NBA team visited the Institute on 12th , 13th and 14th October 2018 and the accreditation was granted the following programs of the Institute.

S.No	Name of the program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of Validity	Remarks
1.	Computer Science & Engineering	Tier-II June, 2015 Document	Accredited	Academic years 2018-2019 to 2020-2021 i.e. upto 30-06-2021	Accreditation status granted is valid for the period indicated in the previous coloum or till the programs has the approval of the competent authority, whichever is earlier
2.	Electronics & Communication Engineering		Accredited		
3.	Mechanical & Automation Engineering		Accredited		

Purposes of Accreditation:

The Ministry of Human Resource Development of the Government of India has envisaged ?National Board of Accreditation? to provide a scientific and systematic base of evaluation for various institutions and Courses in a holistic manner, covering every aspect of world-class quality education on a specific measurable scale.

Institutions, students, employers, and the public at large all are benefited from the external verification of quality provided through the NBA accreditation process. They are also benefited from the process of continuous quality improvement that is encouraged by the NBA's developmental approach to promote excellence in technical education through accreditation, the following main purposes may be served:

- 1: Support and advice to technical Institutions in the maintenance and enhancement of their quality of provision.



MAIT

उद्यमेन हि सिध्यन्ति
कार्याणि न मनोरथैः

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

VISION

To nurture young minds in a learning environment of high academic value and imbibe spiritual and ethical values with technological and management competence.

MISSION

The Institute shall endeavor to incorporate the following basic missions in the teaching methodology:

- ❖ **Engineering Hardware – Software Symbiosis:** Practical exercises in all Engineering and Management disciplines shall be carried out by Hardware equipment as well as the related software enabling deeper understanding of basic concepts and encouraging inquisitive nature.
- ❖ **Life – Long Learning:** The Institute strives to match technological advancements and encourage students to keep updating their knowledge for enhancing their skills and inculcating their habit of continuous learning.
- ❖ **Liberalization and Globalization:** The Institute endeavors to enhance technical and management skills of students so that they are intellectually capable and competent professionals with Industrial Aptitude to face the challenges of globalization.
- ❖ **Diversification:** The Engineering, Technology and Management disciplines have diverse fields of studies with different attributes. The aim is to create a synergy of the above attributes by encouraging analytical thinking.
- ❖ **Digitization of Learning Processes:** The Institute provides seamless opportunities for innovative learning in all Engineering and Management disciplines through digitization of learning processes using analysis, synthesis, simulation, graphics, tutorials and related tools to create a platform for multi-disciplinary approach.
- ❖ **Entrepreneurship:** The Institute strives to develop potential Engineers and Managers by enhancing their skills and research capabilities so that they emerge as successful entrepreneurs and responsible citizens.

2: Confidence and assurance on quality to various stakeholders including students.

3: Assurance of the good standing of an Institution to government departments and other interested bodies

4: Enabling an Institution to state publicly that it has voluntarily accepted independent inspection and has satisfied all the requirements for satisfactory operation and maintenance of quality in education.

Benefits and Significance of Accreditation

The process of accreditation helps in realizing a number of benefits, such as helping the Institution to know its strengths, weaknesses and opportunities, Initiating Institutions into innovative and modern methods of pedagogy, giving Institutions a new sense of direction and identity, providing society with reliable information on quality of education offered and promoting intra and inter-Institutional interactions.

1. AICTE Research Funding and Benefits of Additional Seats:

Various funding organization prefer NBA accredited Institution for giving the grants for research work, increasing the intake ,opening new courses etc.

2. Benefits to Institutions

NBA provides a quality bench mark seal or label to the Institution to strive for achieving better and important standards. This leads to a widespread recognition and greater appreciation of the brand name of Institutions and motivates the Institutions to strive for more.

3. Benefits to Students

Students studying in NBA accredited Institutions can be

assured that they will receive education which is a balance between high academic quality and professional relevance and that the needs of the corporate world .

4. Benefits to Employers

Accreditation assures prospective employers that students come from a programme where the content and quality have been evaluated, satisfying established standards.

5. Benefits to the Public

Communicate towards striving excellence and continuous improvement are the key parameters to accredited Institutions.

6. Catalyst for International Accreditations:

All essential prerequisites for international accreditation are included in the accreditation process of NBA. Therefore, NBA acts as a catalyst for the Institutions planning to acquire International Accreditation.

7. Benefits to Industry and Infrastructure Providers

It signifies identification of quality of Institutional capabilities, skills and knowledge. 9 2.5.8 Benefits to Parents It signifies that their ward goes through a teaching-learning environment as per accepted good practices.

8. Benefits to Alumni

It reassures alumni that alumni are products of an institute with a higher standing in terms of learning.

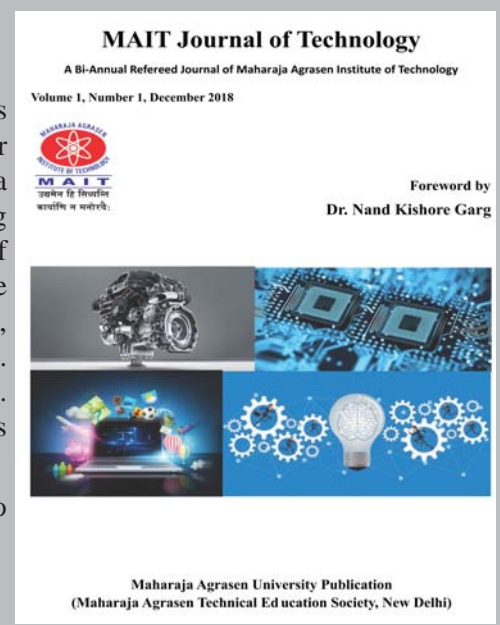
9. Benefits to Country

Accreditation helps in gaining confidence of stakeholders and in giving a strong message that as a country, our technical manpower is of international standards and can be very useful in enhancing the global mobility for our technical manpower.

MAIT JOURNAL OF TECHNOLOGY

It is a matter of pride that Maharaja Agrasen Institute of Technology has started its first technical Journal named "MAIT Journal of Technology" under the guidance of Prof. (Dr.) Neelam Sharma, Editor-in-Chief published by Maharaja Agrasen University Publications, New Delhi. It provides a forum for publishing original contributions and comprehensive technical review articles of interdisciplinary and original research on all important engineering topics. The Journal encourages all experienced and qualified young and senior researchers, professionals, and other stakeholders to share their knowledge and experiences. The Journal is published Bi-Annually and its first issue has been already published. The submissions are invited for the next issue of the Journal. Submission details can be accessed at the institute website.

Note: For the next issue, please send the paper as per the template to editortech@mait.ac.in



Winners of Software Edition of Smart India Hackathon 2019

MHRD, AICTE, i4c and Persistent Systems came together to organize Smart India Hackathon (SIH) 2019 - a unique Open Innovation Model for identifying new and disruptive technology innovations to solve the challenges faced in our country.

Total 20 teams from MAIT were shortlisted for the finale under SIH 2019 Software edition held on 2-3 March 2019. MAIT ranked third Institute with most team selection in Software edition of SIH 19. As per the result declared by SIH 19, 7 teams of MAIT won prize of ₹One Lac under the Ministry/Organization for their Problem Statement and one team won Special award (Runner up). MATES announced equal matching prize money to the winning teams. The society also announced ₹21000/- award money to SPOC and ₹11000/- award money to each mentor of winning teams.

Details of the winning Teams are given below:

SNo.	Team Name	Team Members	Roll No.	Company/ Ministry	City	Prize	
1	Syzygy	Heena Garg	03314802715	Department of Atomic Energy	Nagpur	Winner	
		Aakash Chawla	00114802715				
		Abhishek Gupta	20614802715				
		Ayushi Saxena	20314802715				
		Gyan Vardhan	03014802715				
		Shachi Saini	09614802715				
2	Hack 'O' Holics	Nimisha Mittal	41696402717	Ministry of AYUSH	Kanpur	Winner	
		Deepanshu Meemroth	01614803116				
		Mansi Jain	20214802817				
		Divij Gupta	01414803117				
		Neeraj Sharma	20114803117				
		Shubham Goyal	10314802716				
3	PikaPika	Arushi Sharma	20514803116	Sun Pharmaceuticals	Warangal	Winner	
		Bipin Kalra	01314803116				
		Siddharth Kathuria	06814803116				
		Vatsal Agarwal	07814803116				
		Yash Aggarwal	42614803116				
		Saumya Wardhan	06614803116				
4	Update 2.0	PARAS RAWAT	41514802716	DIPP	Kanpur	Winner	
		MAYURI GUPTA	40714802716				
		PIYUSH GUPTA	41714802716				
		SHUBHI JAIN	36414802716				
		YASH AGGARWAL	40214802716				
		MOHIT SONI	41914802716				
5	Ode_to_code	Prerna Jain	20314802716	Orissa	Landran	Winner	
		Akshita Goel	35114803116				Mohali
		Nishchay Anand	40396404916				



		Anurag Sharma	01814802716			
		Jatin Gera	20714802716			
		Virender Singh	20514802716			
6	MRDOTAPP	Anmol Bansal	44514803117	Future Generali	Greater Noida	1st Runner Up
		Ritika Tilwalia	05514802717			
		Paras Madan	42096403117			
		Manthan Keim	03714802717			
		Piyush Bansal	90214803117			
		Abhishek Maheshwari	44314802717			
7	Tech Dhronas	Shreya Sharma		Ministry of AYUSH		
		Anisha Gupta				
		Agnes			Kanpur	Winner
		Preeti Dhiman				
		Aekanshu Panchal				
		Prashant Verma				

Hon'ble Mr. Justice Permod Kohli- Former Chief Justice–Sikkim High Court In an Interactive Session with students and staff on the 'Various Dimensions of Legal Profession'

An interactive session on the 'Various Dimensions of Legal Profession' was organized on August 28, 2018 which was attended by the first and second year law students. Dignitaries who graced the occasion were Dr. Nand Kishore Garg, Prof. M.K Bhat and Prof. S.C Raina.

Hon'ble Mr. Justice Permod Kohli, in his exposition emphasized the need of being an Advocate with high ethical values and moral turpitude. Hon'ble Founder Chairman, Maharaja Agrasen Technical Education Society, Dr. Nand Kishore Garg motivated the students to pursue the curriculum with an aptitude to serve the society with utmost sincerity and dedication.

Welcoming the Chief Guest, Prof. S.C Raina, Director General, Maharaja Agrasen School of Law expressed the hope that students will definitely benefit from the thought-provoking insights of Hon'ble Mr. Justice Permod Kohli which will help them in understanding the true dimensions and nuances of the legal profession.



CLEANLINESS DRIVE ON THE OCCASSION OF WORLD CLEANLINESS DAY

The first-year students of LAW participated in the world's first 'cleanup day' held on September 15, 2018 at Kashmere Gate, Delhi. The cleanliness drive was a social action program aimed at combating the global solid waste problem.



SPORTZ - 2019



Maharaja Agrasen Technical Education Society, organised its annual Sports fest “SPORTZ-2019” at college campus on 31st Jan & 1st Feb' 2019. Various sports events for students were held on both the days. For faculty members and non teaching staff, the events were held on Second day i.e. 1st February, 2019. The much awaited sports event started with great zeal, excitement and frolicsome atmosphere. Young and energetic boys and girls actively participated in various events.

Dr. Satyendra Singh Dursawat, Deputy Commissioner, North West Zone, Delhi was the Chief Guest for the inaugural function. Other dignitaries were Sh. Umesh Gupta, Vice-Chairman, MAETS, Sh Rajnish Gupta, Secretary MATES, Prof. M.L. Goyal, Vice-Chairman, (Academics) MATES, Prof. Neelam Sharma, Director, MAIT, Prof. M.K. Bhat, Director MAIMS and Prof. S S Deswal, Dean Academics, MAIT. In her welcome address, Prof. Neelam Sharma, encouraged the participants with motivational and inspirational words. She advised the students to be more active in sports for a wholistic development. Chief Guest of the day, Dr. Satyendra Singh Dursawat also emphasised the importance of sports in building national character. He encouraged the students to contribute positively towards the society.

The event was declared open by the chief guest and other dignitaries with releasing a bunch of balloons. Students displayed remarkable sportsmanship and competed in numerous sports events such as Race, shot put, long jump, discuss throw, rope skipping, badminton, carom, chess, table tennis etc. (for both boys and girls category). The highlight of the events was “Tug of War”. More than 1200 students

participated in total, in all these events. Young athletes were cheered by one and all and the day was fun filled fest with laughter, energy and delight. Participants showed extreme talent and flair. For faculty and non teaching staff, the events held were Tug of war, race, shot put, long jump, discuss throw, rope skipping, badminton, carom, chess, table tennis, lemon spoon race and brisk walk. It was very inspirational to see the sportsman spirit exhibited by faculty and staff members.

Prize distribution ceremony was held on second day (1st February, 2018) and the winners were bestowed with medals, certificates of acknowledgement of victory by the Chief Guest of the day, Sh. Jagdish Mittal, Vice-Chairman MATES, Prof M.L. Goyal, Vice-Chairman, (Academics) MATES, Sh. Rajnish Gupta, Secretary MATES .

Ms. Vidushi (1st year, BJMC, MAIMS) and Mr. Mohit Saneja (4th year, IT, MAIT) were awarded with Chairman's Trophy for best Sports Person of Year in girls and boys category respectively. The event was very well coordinated by Mr. Anil Kumar Dahiya, Assistant Professor (MAE Deptt.) and his team. Ms. Garima Sharma, Ms. Surbhi Upadhyay, Ms. Sonia Jain and Ms. Vatsala Khanna Arya were the comperers of the event. This two days event which is held once a year, came to an end on second day with lots of memories and enthusiasm.



Industrial Visit @ Maruti Suzuki India Ltd., Gurugram



Industrial visit is a part of the educational tour which provides students with an opportunity to learn practically through interaction, working methods and employment practices. An industrial visit to Maruti Suzuki India Ltd., Gurugram was organized on 1st March, 2019 for students of Mechanical and Automation Engineering Department. 35 students accompanied with 4 MAE faculty members attended the same.

After the mandatory security check, students were taken to the conference hall where they were guided about the whole plant. At the company, the students were briefed about the car manufacturing process by their technical staff. Mr.

Alok Kamal Srivastava (PO) gave presentation related to the history of Maruti and its operations and production to the students. Students were taken around the plant and were explained about the production and operations process. Then students were taken around various divisions and explained about the operations in each division. In all there are 5 divisions - press division, weld division, paint division, assembly division and quality check & inspection division. Students were shown videos in the car manufacturing. The process of making of Maruti cars is completely automated and is internationally designed. Students cleared all their queries and received an interactive exposure.

Industrial Visit @Pragati Combined Cycle Power Plant, Bawana

An industrial visit to Pragati Combined Cycle Power Plant, Bawanawas organized on 16thFeb, 2019 for students of Mechanical and Automation Engineering Department. 40 students accompanied with 4 faculty members of MAE Deptt. attended the same. After the mandatory security check, students were guided about the whole plant and cemented the structure of their theoretical knowledge with the practical experience. They explained the various details of power plant from the initial setup to the survival in the market incorporating the procedure of setting a power plant, design of power plant, working of power plant, surviving complications of the power plant in market. They showed the boiler, steam turbine, gas turbine, HRSG (heat recovery steam generator) and control section which followed with the doubt session.



MUDRA, The Finance Club of MBA, MAIT “FINANCIERO”



Mudra, The Finance Club of MBA, MAIT took an initiative to organize an inter college annual Finance Fest-“FINANCIERO”, on 15th February 2019. The event started at 10:00 a.m. with the felicitation of guests on Dais followed by the lighting of lamp to mark the beginning of an auspicious event by our dignitaries. The audience was then addressed by Dr. ML Goyal and the opening ceremony was concluded with a vote of thanks by Dr. Ravi Gupta. Financiero consisted of broadly 4 events, namely, Funk from Junk, Kar - Naame, Bulls and Bears and Finbola.



Maims Journal of Management

‘MAIMS Journal of Management’ is a biannual publication of the Maharaja Agrasen Institute of Management Studies and has completed 13 years of its publication. The Journal is an initiative of MAIMS to provide an integrated view of management thinking, empirical research studies and management practice in the Indian and global context and aims at bringing together academicians and practicing managers. Book reviews and case studies, which provide a new window to upcoming ideas in the world of management. The various issues of the Journal have been well accepted by academia and the corporate. Various renowned academicians and eminent persons from corporate sector have contributed research papers and articles in this Journal.

Research Initiatives

To improve the quality of research endeavors, Research

Methodology sessions are being conducted on regular basis at the institute. All the classes are with white boards, for effective teaching. In its effort to be technology driven, MAIMS has installed LCD projectors in almost all the classes. To make students and faculty comfortable MAIMS has fully AC rooms.

ISO Certification: An important landmark in the progress of the Institution is that the award of ISO 9001:2000 Certification by KVALITET VERITAS QUALITY ASSURANCE has been renewed for 2018-19.

MAIMS received 2(f) sanction of University Grant Commission (UGC) in May, 2018, which makes it eligible for the grant of financial assistance.

Chhayankan



Chhayankan coined as “Chhayank4n” for its 4 edition was conducted at Maharaja Agrasen Institute of management Studies, Rohini, New Delhi by What A Click, the official photography society of MAIMS on 29th January 2019.

Chhayankan Also Converted into an event Of Photographers Haven where more than 120 colleges of Delhi Participated and exchanged ideas and Talked about their Vision for what Photography should become and its importance in today’s World.

It was a day filled with various competitions like Virachyati (The Fashion Exhibit Photography Competition), Photo Fable (On The Spot Photography Competition), Chase the shot (Treasure Hunt Competition), Online Photography, Picturesque (The Photography Exhibition), Snap it (The Mobile Photography Competition), a PUBG Mobile Tournament and big prizes up for grabs!!!

The winners for the following competitions are:

Picturesque	Fashion	Abstract	Snap It	Photo fable	Online Photography
Vanshaj	Rishabh	Hrishikah	Gaurav Baghel	Akshat Singh	Vipul Arora
Slow Shutter	Wildlife	Chase the shot	Virachyati	PUBG	
Parth Sharma	Rini Jain	Anurag, Bhavika Aniket, Kriti Kanksha, Aashna	Nimit Vohra Dhruv Dudeja	Jagjeet Aayushman	

And not just that, there were numerous food stalls and entertainment venues and props made by the team to keep the crowd of more than 7000 students from all over delhi satiated.

To keep everyone entertained, various Stand Up Comedians like Mohammed Anas And Parvinder Singh were part of the rooster !And afterwards a Poetic Sabha was Conducted where famous poets of delhi Filled the evening with a level of serenity which will not be leaving them anytime soon!

Finally With the EDM artist NULLVOID taking the lead, finished the the evening with an electrifying atmosphere where every and each person part of the crowd danced to his Heart’s Content.



17th Late Shri K C Garg Lecture Series (14th Jan, 2019)

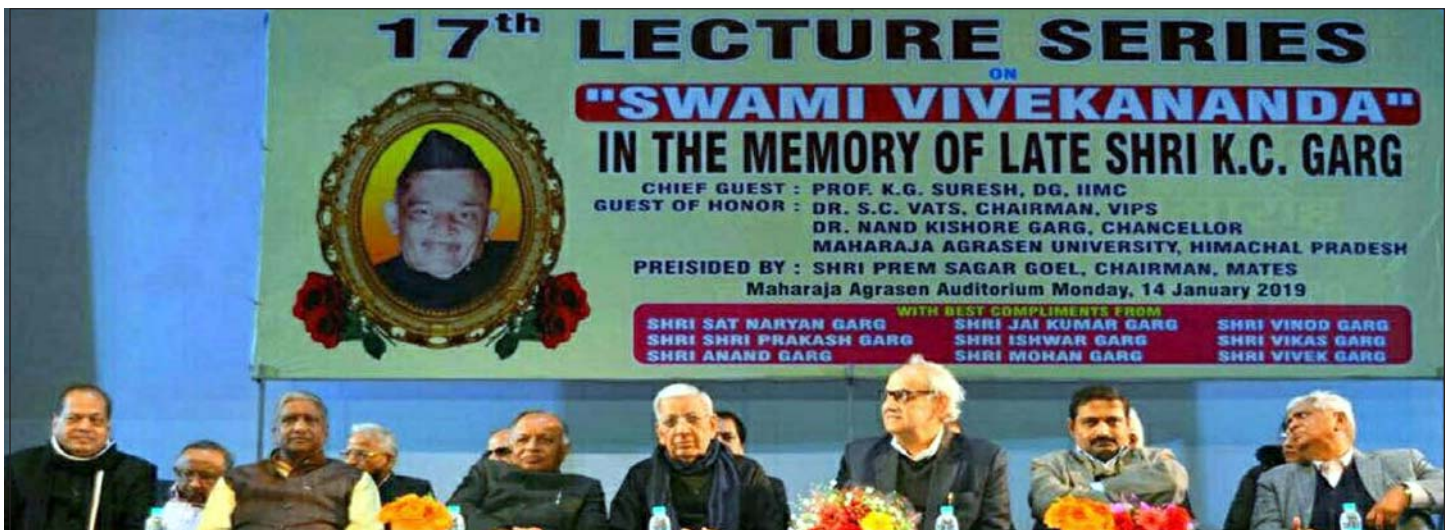


The morning of 14th January in the campus began with vedic hymns and yajna to commemorate 17th series of late Shri K.C. Garg memorial lecture, Swami Vivekananda Jyanti, Makar Sakranti and Shri Guru Gobind Singh's Parkash Utsav. Prof. K. G. Suresh, DG, IIMC was the chief guest. While addressing the gathering he said we should take inspiration from Swami Vivekananda's teachings who always focused on self reliance, sensitivity and hard work. He reinforced Swami's 'call the youth & call the nation'.

Mr. S.C.Vats Chairman, VIPS graced the occasion as the guest of honour. Dr. Nand Kishore Garg, Chancellor, Maharaja Agrasen

University, Baddi speaking on the occasion said the youth should take education as the biggest tool of transformation for self and nation. Shri Prem Sagar Goel, Chairman, MATES inspired youth to learn from legends like Swamiji and Guru Gobind Singh ji.

Other officials of the society Sh. Jagdish Mittal, Sh. T.R. Garg, Sh. Mohan Kumar Garg, Sh. Sunder Lal, Sh. Gyanendra Srivastava also graced the occasion with their presence. Dr. Parul Sharma and Dr. Monika Agarwal, Dept. of Applied Science were the master of ceremonies for the event. ○



MAE, MAIT @ INTERNATIONAL PLATFORM



Innovation (ICARI-2019) at Institution of Engineers India, Delhi State Centre (Engineers Bhawan), Bahadur Shah Zafar Marg, New Delhi, India to present their research works in various fields. This conference was organized by the “International Journal of Advance Research and Innovation”. There were seven research papers from the field of Robotics, Composite Material manufacturing and Refrigeration and Air-conditioning. The overall experience was outstanding and every paper presented there received great commendations by the Session chair members. A group of students under the guidance of Mr. Ramakant Rana and Ms. SurabhiLata presented their work in the

On 20th January, 2019, a group of MAE students, under the guidance of Mr. Ramakant Rana, Mr. Rakesh Chander Saini, Dr Vaibhav Jain and Mr. Harsh Joshi attended the International Conference of Advance Research and

field of machining and materials in International Conference on Advanced Production and Industrial Engineering (ICAPIE) 2018, Delhi. This participation of students to present their papers added a chapter of glory and pride to the history of this great institution. ○

MAE MAIT @ ANVESHANA: SCIENCE AND ENGINEERING FAIR 2019

ANVESHANA: Science and engineering fair is organized by Agastya International foundation every year in four regions across India i.e. Delhi-NCR, Hyderabad, Mumbai and Bangalore. It bridges the gap between engineering students and government school students developing spark, creativity in education for a better tomorrow in terms of society, environment and technology.

A team of two MAIT students participated in ANVESHANA, Delhi-NCR 2019 and were among the 35 teams selected for the next round from 120+ projects ideas submitted. The final year B.Tech MAE students, Sidhaant



Gupta and Mohit Kapoor under the guidance of Ms. SurabhiLata presented the project idea “Charcoal Air filter for IC engine” in the theme “Energy”. They mentored two school students from 8th standard of Rajkiya Pratibha Vikas Vidhyalaya, Paschim Vihar, Delhi and presented their idea at National Science Centre, Pragati Maidan, Delhi on 23-24 January, 2019. ○

UNIVERSAL BROTHERHOOD CELEBRATIONS



Maharaja Agrasen Institute of Management Studies celebrated Universal brotherhood day in its campus from 11th September, 2018 to 13th September, 2018. The day marks the commemoration of Swami Vivekananda's famous speech delivered on September 11, 1893 in Chicago to the delegates in the World Parliament of Religions. As part of the celebration, a series of activities were organized to gear up and channelize the potential of the students in a constructive way. All the activities, namely, article writing competition, poster making competition, debate, poetry and quiz; aimed at making students aware about the ideology, principles, and values upheld by Swami Vivekananda. The event saw great participation for the students. Students from all courses of the college like BBA, B.Com, BA (JMC) and BA (LLB) participated

enthusiastically. The winners were given certificates as well as cash prize of Rs 1,100 to first position holder and Rs 500 to second position.

LECTURE SERIES BY TIME GROUP

To prepare our budding managers, guest lectures are organized on regular basis. Mr Sunil Dua, Senior Regional Head Academics, TIME Group interacted with the students on 21st January, 2019 to give them effective tips for handling a personal interview successfully. Mr Anand Mohan, Senior Knowledge Expert delivered an insightful session on case study analysis on 25th January, 2019. The presentation and interaction of both the resource persons was very effective in providing valuable inputs to the students.



SPECIAL LECTURES BY SUBJECT EXPERTS FOR LAW STUDENTS

Prof A.P Singh (Faculty member, University School of Law and Legal Studies, GGSIP University, Delhi) interacted with the second-year students of Maharaja Agrasen School of Law on September 15, 2018. The topic of the special lecture was "Independence of Judiciary and Executive Interference"

Dr. Kiran Gupta (Faculty member, Faculty of Law, Delhi University) interacted with the second-year students of Law on



September 15, 2018. She guided the students on various aspects of Family law with special emphasis on Laws of Maintenance and Guardianship.

Dr. Neeraj (Faculty member, NLU, Delhi) interacted with the first and second year students on October 13, 2018. He guided the students on the topic 'Amendment of the Constitution and the Basic Structure Theory'.

Presence of MAIT-SAE INDIA COLLEGIATE CLUB @ Enduro Student India-2019

The team reached PCET Nutan, Pune City on 14th Feb 2019. They carried out final tweaks in the ATV for the Technical Inspection. The team cleared the TI in 1st attempt following which engine check and brake test were also cleared. The team took attempts of the three dynamic events, with best lap times as follows:

1. Sprint - 42 seconds
2. Dirtx - 56 seconds
3. Acceleration and Maneuverability - 5.241 seconds and 43 seconds respectively.

The team participated in static events namely: Design event, cost event and validation round. The final part of the event was a four hour endurance race in which the ATV ran flawlessly for more than three hours. The team bagged three prizes:

1. Spirit of ESI award: A special award which is granted to the team which is voted as the best and most helpful team amongst the participating team.
2. Maneuverability event - 2nd position
3. Sprint event - 2nd position



Presence of MAIT-SAE INDIA COLLEGIATE CLUB @ SAE India BAJA-2019

The team took part in the competition Baja SAE India 2019 which was held in Pithampur, Indore, Madhya Pradesh from 23rd - 27th February, 2019 organized by SAE India and sponsored by Mahindra.

The team was able to perform lambently and maintained a dutiful position in various events and overall rank among the colleges in north zone, secured top position in business presentation, acceleration and overall rank out of 140 national teams. Subsequently we retained our title of as one of the best teams in Delhi-NCR and North India as well. In addition to the event, four of our students managed to secure placement in Mahindra and Varroc Group which is an eminently competitive nationwide exam.



S No.	NAME and BRANCH (year)	COMPANY	CTC(LPA)
1	Ankit Banal-MAE (4th)	Varroc Group	6.5
2	Arpit Ghai-MAE (4th)	Varroc Group	6.5
3	Jatin Prabhakar-MAE (4th)	Varroc Group	Waitlisted
4	Sourav Nanda-MAE (3rd)	Mahindra India	7.5 (HR Round Waiting)

VISIT TO PARLIAMENT

A visit to Parliament was organized by the Maharaja Agrasen School of Law on September 19, 2018. A total of 119 students of first year accompanied by seven faculty members visited the Parliament House. Dr. Deepak Gosain, Additional Director, Bureau of Parliamentary Studies and Training, addressed the students and briefed them about parliamentary functioning. The students visited the Lok Sabha, Rajya Sabha, the Central Hall and the Library.



MOOT COURT COMPETITION



Internal Competitions are conducted regularly to train student in mootng skills and methods of communication right from the first year. The School of Law organized an intra-college Moot Court Competition on September 5, 2018. Students participated in the two hour long simulated court trial and also got an experience of a court room setting in the intricately built moot court room of the Maharaja Agrasen School of Law.

The selected team from the Intra - College

competition, Shivam Sethi, Vikash Kumar and Sarthak Buddhiraja represented the School in the National Moot Court Competition held at IMS Unison University, Dehradun on September 20 to September 22, 2018.

Having started their studies in the Law school in August, they were novices to the concept of moot court and were hence appreciated for their effort and awarded certificates of participation for the same.



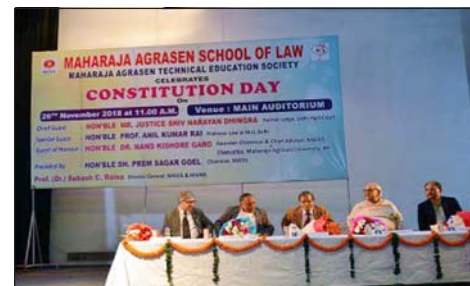
JOY OF GIVING WEEK

Daan Utsav, formerly known as The Joy of Giving Week, a "festival of philanthropy" was organized at MAIMS from 8th October to 12th October, 2018. In these 5 days of giving students were encouraged to do random acts of kindness to people they don't know for every day of the week. Daan Utsav aims to take the focus away from self on to others. Each day was dedicated to a different cause. Students donated money, food items, clothes, shoes, toys, stationary and bags on different days. This noble endeavour would not have been possible without the able stewardship of Dr. N.K. Garg, our Founder Chairman and Shri Prem Sagar Goyal, Chairman.



CONSTITUTION DAY CELEBRATION

MATES celebrated Constitution Day on 26th November, 2018 in the benign presence of Honorable Mr Justice Shiv Narayan Dhingra (Chief Guest), Professor Anil Kumar Rai, National Law University (Special Guest), Dr. Nand Kishore Garg, Founder Chairman & Chief Advisor, MATES and Sh. Prem Sagar Goel, Chairman, MATES. The powerful speeches by the renowned speakers and the documentary shown made the students aware about the salient features of the Indian constitution.



MODEL UNITED NATIONS (APPLICATION OF LAW)

Model United Nations was organized in the Maharaja Agrasen School of Law on October 10 and October 11, 2018. Students of the first year and second year participated in the event where issues like LGBT Rights, Gender, and Legalization of prostitution were discussed. The committees formed were UNHRC (United Nations Human Right Council) and AIPPM (All Indian Political Party Meet). Various sessions were chaired by the Executive board comprising students of second year.



VYAAPAAR: THE NEGOTIATION TABLE BY COMMERCE SOCIETY

The Commerce Society organized a simulation game - Vyaapar: The Negotiation on 17th September, 2018. The aim of the event was to develop negotiation and marketing skills among the students. The event was a great success wherein all the students absorbed the facets of learning with a good team spirit.



ANNUAL INTER-COLLEGIATE SPORTS MEET OF GGSIP UNIVERSITY

The students of Maharaja Agrasen School of Law participated in the 15th Annual sports meet organized by the GGSIP University, Delhi (Main Campus) between October 11 - October 13, 2018. The girl's team of MASOL bagged the second position in the Volleyball event.



DEPARTMENT OF MECHANICAL AND AUTOMATION ENGINEERING ONE DAY SEMINAR @ MAE, MAIT



A one day seminar on “**scope of refrigeration and air-conditioning engineering in india**” was conducted for the faculty members and students of MAIT on 16th January 2019. A group of 75 MAE students enrolled and participated in this event. The audience was addressed by Dr. Vaibhav Jain, faculty (MAIT) and Dr. Rajinder Singh, co-chair, student chapter, ASHRAE-India who was the key note speaker. The seminar enlightened all about the innovations and recent

developments in the area of Refrigeration and Air-conditioning. Students were also provided information about the initiatives taken by ASHRAE (American Society for Heating, Refrigeration and Air-conditioning Engineers) society for the advancement in this field. The society provides platform to the students and promotes industry-academic interaction.



INDUSTRIAL EXPOSURE: ROHINI HELIPORT AND VERTONICS PVT. LTD.

On 24th January, 2019, Robotics Society of MAIT organized an industrial visit to the following places:

1. Rohini Heliport, Rohini, New Delhi.
2. Vertonics Pvt. Ltd.

A group of 32 Students, under the guidance of Mr. Ramakant Rana, Mr. Anupam Thakur and Mr. Naveen Solanki visited Rohini Heliport. Mr. A. K. Yadav (Head of Rohini Heliport) and Mr. Ramesh welcomed all and gave a brief introduction about the heliport. Mr. Prashant started the session for the students discussing about various



helicopters, interior of India's biggest helicopter, their maintenance (air craft maintenance department) and safety and precautionary measures taken at heliport during operational environment.

The visit was further headed to Vertonics Pvt. Ltd., Delhi where students were imparted with the knowledge of robotics, sensor technology, CAD modelling for 3D printing and the process of 3D printing. Both the visits made students acquainted to the newer technology used in modern era and sparked a new opportunity for exploration.



Educational Visit To Mahanagar Telephone Nigam Ltd. (MTNL)

Department of Information Technology, Maharaja Agrasen Institute of Technology organized a one day Industrial visit to Mahanagar Telephone Nigam Limited (MTNL) Sector-3 Rohini, New Delhi on Tuesday, 16th October 2018 for B.Tech.(IT) Engineering students.

First and foremost, we were greeted by General Manager Shree S. Balaji who gave us an overview of the entire curriculum for the entire visit. He told us about the two departments of the building that we were assigned to visit. He briefly explained about the working in the exchange department and the administrative department. Then, we followed him to the exchange department which consisted of a switching room and a control room. First, we went to the switching room which was very clean and thus, we were asked to remove our shoes. Then he introduced us to Mr. Ravi Kant, a Senior Engineer at the exchange. He told us about the different modules that are used in communication process.

There are three major modules: 1.) **Switching Module:** Switching Module connects one user to another. It performs the major role in communication process. It has a star topology. It has two parts LTP (Line term peripheral) and SMC (Switching module controller). Every customer has 1024 time slots. SMC has a processor and TSI (Time slot Interchange) that assigns every user a specific time slot. Switching module is controlled by **communication module**. It has multiple PCB's that have 32 ports which is used to connect every user. 2.) **Communication Module:** Communication module controls Switching module. 16 switching modules are controlled by one Communication module. Communication module 2 Type version 2 have 60 cards but communication module 3 type version 3 have 7 cards and both performs the same function. MTNL uses communication module 3 type version 3 that is more advanced. 3.) **Administrative module:** Administrative module is the main module that controls and keep track of everything. Communication module is controlled by administrative module. They were using 5ESS i.e. 5th generation switching system made by lucent in U.S.A.

Every PCB in the switching module have different power supply and a backup supply. Every communication module has hot standby mode. Every data that is processing is also stored in hot standby mode. After that, he told us about the working of a call on landline phone. First of all, when we make a call the system recognizes the area of the caller and the recipient using the line equipment number that is similar



to IMEI number for a landline. From our landline signal goes to the secondary cable and then to the primary cable. After that it went to the exchange and with the help of switching module our signal is sent out to the recipient line.

Then, he told us about the Broadband services. The best thing about their broadband is that there is a different connection line for every single user that helps in maintaining the top speed



for all users. After that, Shree S. Balaji took us to the administrative office and gave a brief overview of the hierarchy of management in MTNL. The Overall Experience was very good. Our instructors had very good knowledge about their fields. We had an amazing experience and learned a lot.

Er. Ajay Kaushik Assistant Professor and Er. Saurabh Gautam Assistant Professor were the main coordinators of this industrial visit. A group of 35 students of 3rd semester B.Tech (I.T.) participated in this industrial visit. The trip was indeed very informative and enlightening for the students. ○

SEMINAR ON “EMPIRICAL SOFTWARE ENGINEERING”



Department of Computer Science and Engineering organized One day Seminar on “Empirical Software Engineering” sponsored by Department of Student Welfare, GGSIPU on 11th January 2019 at Maharaja Agrasen Auditorium, MAIT from 10:00 am to 4:00 pm.

Seminar started with motivational talk by Prof. M.L Goyal, Vice Chairman- Academics, followed by the Speeches of Prof. Neelam Sharma, Director (MAIT), and Founder Chairman Dr Nand Kishore Garg, MATES.

Dr. Arvinder Kaur, Professor and Dean USIET, GGSIPU started the session with a talk on essence and importance of Empirical Software Engineering. She discussed some

problems statements along with Hypothesis formation, various aspects of Data Collection and Data Analysis. She stressed upon empirical studies i.e. Qualitative and Quantitative which

was followed by talk of Shri Pankaj Bansal, Manager, Global Logic, who gave his views on Empirical Software Engineering and what Software developers need to know about current trends in this field.

Dr. Ruchika Malhotra, Associate Professor, DTU, gave a brief overview about empirical software engineering, models, and the use of machine learning techniques in this field.

All the Speaker discussed latest trends in Empirical Software Engineering in Industry, discussed Case Studies and were open to questions, thereby making the seminar quite interesting and interactive. The Seminar was very resourceful and informative. A large number of students and faculty members attended the seminar with great zeal and enthusiasm. Students were encouraged to pursue further research in this field.



WORKSHOP ON ANDROID

A One day workshop on "ANDROID" was organized by TechCom Society of CSE Department in association with ISSAC IT lab solution Pvt. Ltd. on 24 August 2018. The speaker of the workshop was Mr. Sandeep (chairman and founder of ISSAC IT lab solution Pvt. Ltd.). Around 42 students attended the workshop. Students got their laptops with android studio installed.



Workshops was divided in to two sessions (morning and after lunch). Workshop started with the detailed description of android studio and then practicals were performed on the android studio.

WORKSHOP ON MACHINE LEARNING USING PYTHON



Department of Computer Science and Engineering organized one day workshop on "Machine Learning Using Python" in association with Brain Mentors on 13 September 2018 which was attended by appx 60 students of CSE 3rd Semester.

The session started with a welcome speech by Dr.Namita Gupta, Head of the Department, CSE. The session was headed by Mr. Ravi from Brain Mentors.

During the workshop, students got hands on experience in basics Python, Basic of Game Development in PyGame, web Scrapping and web cloning using beautiful Soup, Data visualization in Matplot Library and Pandas, Face recognition using open CV and KNL.



WORKSHOP ON BLOCKCHAIN

Department of Computer Science and Engineering organized One day workshop on "Blockchain" in association with Coding Block on 4th October 2018 for 3rd Semester students.

Large number of students of second year, CSE attended the workshop with great enthusiasm. Mr Anuj Garg, speaker of



the Workshop started the session with brief explanation of blockchain, bitcoins, ledgers, smart contracts and white papers. Students got hand on experience in Hyperledger (a platform for creating blockchain applications). The workshop was very interactive and students showed keen interest in Learning. The speaker was open to questions and shared his experiences of latest trends and technologies, thereby

making the session quite interactive.



WORKSHOP ON OPEN SOURCE SOFTWARE DEVELOPMENT

Department of Computer Science and Engineering organized one day workshop on "OPEN SOURCE SOFTWARE DEVELOPMENT" in association with Tech Com Society of CSE department and Student chapter of Coding Blocks(Campus Blocks) on 25th January 2019 for the students. Workshop was attended by 96 students of the CSE Department.

The session was delivered by Mr. Arnav Gupta (Coding Blocks - Founder member and GSoCer) and Mr. Harshit Dwivedi (Former GSoCer, Speaker at DEVOXX Belgium and instructor at Coding Blocks).

The workshop started with an introduction to open source development, followed by its importance in various competitions like Google Summer of Code, Google Hash-Code and Google Kick-start. Discussion on various open source projects developed by them which encouraged students to be part of it.



FAREWELL PARTY



The juniors bid a fond adieu to their seniors' batches of BBA, B.Com, BA(JMC) and MBA 2018. The first and

second year juniors meticulously planned a mega farewell program which was extremely appreciated and thoroughly enjoyed by their seniors. Prof M. K. Bhat, Director MAIMS, blessed the outgoing batch. He guided the students to become good human beings first and then to work for achieving excellence in the corporate world.

All the senior students were presented mementoes as a token of love by the junior students. Urban Hopper's dance performance, melodious medley, a comic act, etc. filled the audience with great enthusiasm. The highlight of the farewell was the Mr. and Ms. MAIMS event. Many other titles like Ms. Limelight of the Event, Mr. Macho Man etc. were also awarded to some of the seniors. The engaging compeering and the entertaining cultural programme kept the audience enthralled throughout the event. ○

FRESHER'S WELCOME

Maharaja Agrasen Institute of Management Studies organized a cultural extravaganza on Saturday, 15th September 2018 to welcome its new batch of students from management and journalism. The Cultural Society of the Institute, MACS arranged a fun -filled cultural program to commemorate the event.

The event started by evoking the blessings of Goddess Saraswati and classical dance performance. Prof M.K.Bhat, Director, MAIMS, welcomed the fresher and motivated them to take initiative in honing their inherent skills as well as to strive for academic excellence. Sir also apprised the students about umpteen opportunities available at MAIMS for their holistic development. He expressed his hope that the students will make their stay in the institute meaningful and memorable, further encouraged them to be job creators rather than job seekers.

Ms.Bhavika and Mr. Madhav were announced as Ms and Mr Fresher 2018, respectively. The Urban Hopper's dance



performance, melodious medley of Swarag, a comic act by Samagar, Bhangra, etc. filled the audience with great enthusiasm. The lovely compeering and entertaining cultural programme kept the audience enthralled throughout the event. ○

JANMASHTAMI CELEBRATIONS AT OLD AGE HOME

MAIMS socio-cultural club, Nav Chetna, visited Old Age Home, Kanjhawala to celebrate Janmashtami with them. At least 70 students from all streams organized cultural activities for them which were appreciated by the elders and homeless people. Our students performed dance and sang old songs along with them. This small gesture of students gave them lots of happiness. Students distributed sweets and enjoyed every moment spend with them. ○



VISIT TO BOOK FAIR

BA(JMC) students visited World Book Fair 2018 held at Pragati Madan. For the book lovers the fair is a delight wherein they were offered at discounted rates. It was seen that people of various ages came in to enjoy the presence of the knowledge. The big publishing houses like Penguin, Oxford and many more had placed their stalls. This book fair provides an opportunity to people to cherish the wonderful wonders of knowledge delivered through books. The event proved to be very beneficial for the BA(JMC) students.



MAIMS Participation in 10th National Level British Parliamentary Debate (14-15 Feb, 2019)

Students of Maharaja Agrasen Institute of Management Studies participated in Tenth season of National level British Parliamentary Debate organized by PCTE group of Ludhiana on 14th and 15th February 2019. Two teams of 4 members in each partireached Prelims 1 and 2.



This Debate was a great platform for young minds to foster healthy contentions. The competition aimed to stimulate student's thoughts on diverse topics related to the world politics. 32 teams became a part of this debating session.

Students gained a lot of knowledge and exposure. This debate gave them an opportunity to widen their horizons and the English Daily, Hindustan Times covered the event.

QUIZ COMPETITION AT MAIMS

Maharaja Agrasen Institute of Management Studies in association with Maulana Azad National Institute of Technology Bhopal organised the competition on 12th Feb. 2019. 37 teams from various colleges participated in the event. The winners of the second round were Pulkit and Parag from B Com (Hons) first year of MAIMS. Congratulations to winners for bringing laurels to MAIMS.



Laurels For MAIMS

- MAIMS dramatic society, 'Samagra', got 1st position in street play competitions held at Delhi Technical University, Satyawati College, Shaymlal College, Vivekananda College, Vardhman Mahavir Medical College of Delhi University and G. D. Goenka University. It also bagged 1st position in stage play competition held at Zakhir Hussain College, University of Delhi. The group also got 2nd position in a street play competition held at Zakhir Hussain College, University of Delhi and secured 3rd position at Institute for Integrated Learning in Management (IILM) and Pearl Academy.
- Swarag, the musical society got thunderous achievements by securing 1st position at Jaipuria College and Rotract fest held at DAV School and they were adjudged as 1st runner up at the Annual GGSIP University Fest, Anugoonj in 2018. Swarag, the musical society got thunderous achievements by securing 1st position at Jaipuria College and Rotract fest held at DAV School and they were adjudged as 1st runner up at the Annual GGSIP University Fest, Anugoonj in 2018. In solo singing competitions held at Apeejay Satya University, our student Sudeep secured 1st position and Rishika Kashyap got 2nd position. Shreedhar got 1st position in solo singing competitions held at Vivekananda Institute of Professional Studies. The group received the title of 'Most Powerful Performer' at New Delhi Institute of Management Studies of GGSIP University.
- MAIMS dance troupe Urban Hoppers have continued their winning streaks in 2018 too by winning 1st position in competitions organized by Satyawati College (Evening), Bhagini Nivedita College, University of Delhi, IBS Gurgaon and Tecnia Institute of Advanced Studies. The group has also bagged 2nd position in dance competitions held at Deshbandhu College, Vivekananda College, Delhi University and Apeejay College. Also, Urban Hoppers won 3rd position in a dance competition held at IIM Lucknow and Shikshapeeth College of Management and Technology.
- Bhangra Club, won 1st position in a folk dance competition held at IBS Business School and they secured 2nd position at The Northcap University.
- 'What a Click' our photography club secured 1st and 3rd position in photography competition held at G.D.Goenka University. The club also worked as an official photography partner to cover the various events held at prestigious institutes, such as, Shree Ram College of Commerce, Kirori Mal College, Shaheed Sukhdev College and Lady Hardinge Medical College. They added laurels by getting recognition by big media platforms, like: The Education Tree and Eat My News.
- A photograph by Rajat Gupta was published by the prestigious National Geographic Yourshot.
- Mr Vishal Gupta, a member of our youngest club. The Literary Society of MAIMS won 1st position in paper presentation and 2nd in group discussion held at Kalindi College, University of Delhi.
- Spriha Chandra (BBA 2nd year) who was declared as 'best actress' in street play competition held at Zakhir Hussain, Vardhman Mahavir Medical College and B.R Ambedkar College, University of Delhi.
- Divyanshu Baghchi was adjudged the 'best actor' in street play competition organized at Vardhman Mahavir Medical College, University of Delhi.

UDAAN 2018

UDAAN` 18, the Management Talent Hunt event, was organized by Department of Management, Maharaja Agrasen Institute of Technology, on 28th September 2018. The event consisted of various activities: Guesstimates, Poster Making, Supply Chain Management, IPL Bidding, Corposhastra, e-hunt and Corpostylo.



NATIONAL CONFERENCE

National Conference on “Management Innovations Infocomm Technology and Values (Changing paradigms in Business)” was organized by Department of Management, Maharaja Agrasen Institute of Technology on 3rd November, 2018. Prof. Dr. Sanjeev Mittal (Dean, USMS) was the Chief Guest while Dr. Pramod Goel (Vice President, Tech Mahindra) was the Guest of Honour. The Chief Patron of the conference was Dr.Nand Kishore Garg (Founder Chairman and Advisor, MATES). The conference was organized under the guidance of HOD, Dr. Ravinder Jit and convenership of Dr.Ravi Kumar Gupta. The conference proceedings namely MANAGEMENT -Practices & Innovations, was released during the conference. This book has a compilation of selected papers presented in this conference and is published by Maharaja Agrasen University Publication .The conference aims at examining how the basic change drivers in business environment of today are impacting the various functional areas of management including Finance, Marketing, HR and IT. The conference is of immense utility to the management students, faculty, researchers, practicing managers and industry professionals in understanding the basic challenges facing the industry today. It also addresses the most effective strategies to cope up with these challenges.



ACCOLADES OF DEPARTMENT OF MANAGEMENT

ESSAY WRITING COMPETITION: 2nd year MBA student, Ms. Anjali Chaturvedi, has won first position in English essay writing competition and second position in Hindi essay writing competition organized by Maharaja Agrasen Institute of Technology.



INTER COLLEGE SUMMER INTERNSHIP PROJECT COMPETITION

Ms Astha Kalra ,MBA 2nd Year student, has won 2nd Prize in Summer Internship Project Competition organized by Dr.Akhilesh Das Gupta Institute of Technology and Management Studies.



NORTH ZONE INTER UNIVERSITY VOLLEY BALL TOURNAMENT

Abhilasha Tomar of MBA 2nd year got selected for North Zone Inter University Tournament from GGSIPU which is



going on at Chitkara University. She represented GGSIPU volleyball team as a captain.

INTER COLLEGE BUSINESS QUIZ

An Inter college Business Quiz was held at Gitarattan International



business school, Delhi in which two students Surbhi Gupta and Swapnil Tiwari from MAIT , M B A Department



stood first among 40 teams from 25 different college and got trophy, certificates and 5,000/- cash prize.

INDIA MOBILE CONGRESS 2018

The Department of Telecommunications (DoT), Government of India along with COAI (Cellular Operators Association of India) announced the second edition of India Mobile Congress (IMC), which was held from October 25 - 27, 2018 at Aerocity Grounds, New Delhi, “**IMC 2018**”. This was envisaged to be a massive global event with its theme “**New Digital Horizons Connect, Create, Innovate**”.



Cities, and allied industry sectors. Thought leaders from across the world presented their views, opinions and ideas on the current trends and the future outlook for the Information and Communication Technology (ICT) and Technology, Media, and Telecom (TMT) sectors.

The participation of students in the event was organized by **Mr. Gopal Mittal, Sr. Director - Commercial and Finance and co-ordinated by Prof. Neelam Sharma, Director MAIT**. The three day event was co-ordinated by MAIT faculty members Mr. Nitin Sharma, Dr. Amita Goel and Mr. Ajay Garg.

Around 400 students and forty faculty members of five department of MAIT visited the different start ups based on 5G technology and also attended the seminars in main hall. It aimed at building ideas, forging lasting Industry relationships, showcasing leading-edge mobile technology & product trends, manufacturing services, sectoral insights and impactful solutions so that our country should not get left behind in the 5G race, as it did at the other generations. The Telecom industry, encompassed the 5G, start-up ecosystem, Internet of Things (IoT), Big Data, Artificial Intelligence (AI), Smart

The Conference included focused sessions on emerging fields in the Telecommunications sector and the ICT space. The ICT & TMT sectors are now increasingly market focused and actively seeking newer technologies and service developing options that start-ups are developing.

India Mobile Congress 2018 aims to be the definitive platform to catalyze these interactions and drive the next wave of the technology revolution for India. One key initiative in this direction is Apprize, the IMC 1000 App Challenge. Through this online contest, the organizers intend to identify the top 1000 apps developed to address 20 problem statements across 5 themes. The platform will see a greater International presence with over 10 Partner Countries, 190+ Global Speakers, 300+ Exhibitors, 1,000+ International Media & 1,00,000+ visitors. It provided overall exposure to 5G services and real issues which will determine if applied in India.

Talk on “Role of Ethics and Successful Career”



Prof. (Dr.) G.P. Govil, Advisor, Maharaja Agrasen Technical Education Society and Dean, Maharaja Agrasen University, Baddi gave a special talk on the topic "Role of Ethics and Successful Career" to the students of Mechanical and Automation Engineering on 6th February 2019. Around 90 students attended the same.



"He who struggles is better than he who never attempts."-Swami Vivekananda

AGRANI SAMKALP
अग्रणी संकल्प

March 19
27
मार्च 19



Glimpses of Family Get-Together 2019, Saraswati Pujan, Inauguration of Sh. Shispal Garg Law Library





March 19
30
मार्च 19

AGRANI SAMKALP
अग्रणी संकल्प

"In a conflict between the heart and the brain, follow your heart". -Swami Vivekananda

MAIMS Participation in Various Sports Tournaments

Sports are an integral part of student's development in MAIMS. MAIMS students participated in different colleges and universities and won laurels for the institute by bagging top positions in various tournaments.

- Fazil Zadi of BBA secured 3rd position in a body building inter - college competition held at GGSIP University.
- Jatin Ahuja secured 2nd position in Maharaja Agrasen University Table Tennis tournament in doubles as well as team event. He also came 3rd in Table Tennis tournament (doubles) organized by Vivekananda Institute of Professional Studies.
- Our football team comprising of 18 members from different courses came 3rd in an annual football tournament organized by IP University. The team comprised of Utkarsh Arora, Sumit Bhati, Shantanu Kant, Divye Davra, Uzair Ahmad Bhatt, Karan Agarwal, Aman Walia, Jai Bhardwaj, Chetan Jain, Samaksh Sharma, Akhil Hasija, Parth Sharma, Rachit Rawat, Jay Kaushik, Prayas Koachar, Himanshu Bisht, Nikhil Jhakar and Sarthak Kumar.



CFD WORKSHOP ORGANISED BY SAEINDIA COLLEGIATE CLUB OF MAIT



Skill Lync, an online learning platform collaborated with the **SAEINDIAcollegiate club** of MAIT to organize a workshop on "**Introduction to Computational Fluid**

Dynamics" on 5th October 2018.

The two hours workshop was held in room 114 of CSE block in our campus. Mr. Arun, a CFD specialist gave the presentation to a total of 102 MAE students. The students were accompanied by their HOD and respective faculty members.

The workshop intended to teach students the use of CFD simulation to visualise the fluid flow, intricate nature of flow structures and tips to take care while designing an aerodynamically sound vehicle. In addition to this it taught the fundamentals of Navier Stokes equation and how the math behind it is used in commercial CFD solvers.

The students found the workshop to be very helpful hence, our **SAE collegiate club** looks forward to collaborate with **Skill Lync** to organise similar educational seminars in future.

INDUSTRIAL VISIT NETWORK BULLS, SECTOR 14, GURUGRAM, HARYANA



Department of Computer Science and Engineering, MAIT organised one day Industrial Visit for Students of CSE Department to Network Bulls, Gurugram, Haryana on 12th

September 2018. 43 Students along with three faculty members (Mr Ashish Sharma, Mr. Yogesh Sharma, Ms Savita Sharma , Assistant Professors CSE Department) visited the site.

Students learned about in-depth architecture of Cisco networking and how networks work in the industry. A hands-on session was also conducted in the laboratory where students worked on CISCO PACKET TRACER and designed a basic LAN network using router, switches, access points, and devices.

FACULTY DEVELOPMENT PROGRAM ON WIRELESS PROPAGATION

A one week faculty development program on 'Wireless Propagation' was successfully organized by Electronics and Communication Engineering Department, Maharaja Agrasen Institute of Technology from 25th February to 1st March 2019 and was conducted by Electronics and Communication Engineering Department, NITTTR Chandigarh (through ICT).

The objective of this course was to train and upgrade the knowledge of faculty in the area of wireless Propagation. Wireless Propagation concept is related to transmission in indoor and outdoor environment. Theoretical and Practical aspects of propagation were discussed.

The main focus of the program was on Multipath Channel Concepts, Multipath Channel characterization, Channel Models, System-Specific Propagation Channels-Indoor, Outdoor, indoor to Outdoor channels, MIMO Channels, Research Areas in wireless propagations.

Dr. Nitin Sharma, Assistant Professor, ECE Department,



was the course coordinator for this program. He conducted this course with the help of Prof. Neelam Sharma, Director MAIT, Prof. Sunil Kumar, HOD, ECE Department, MAIT and Dr. Garima Saini, Coordinator, NITTTR Chandigarh.

The FDP received an overwhelming response with 70 participants from faculty members of ECE, CSE, IT and EEE department.

TechCom



TechCom is the technical society of CSE Department comprising of 19 students from all the semesters of CSE Department headed by the faculty members Ms. Deepti Gupta and Ms. Kavita Saxena.

TechCom Society has organized various events like Android Workshop, Code-Enigma, Battle of Apps, open source software development workshop along with webinars on "Why Flutter is awesome" and "introduction to competitive programming and Interview preparation".



राष्ट्रीय अभियन्ता दिवस, विश्व बन्धुत्व दिवस और हिन्दी दिवस समारोह

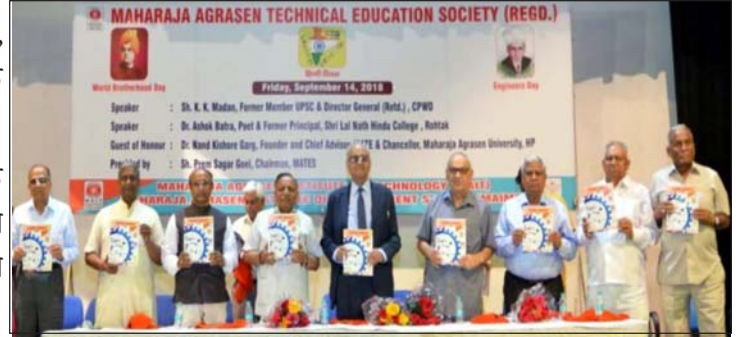
श्री प्रेमसागर गोयल की अध्यक्षता में राष्ट्रीय अभियन्ता दिवस, विश्व बन्धुत्व दिवस और हिन्दी दिवस के उपलक्ष्य में 14 सितम्बर 2018 को महाराजा अग्रसेन सभागार में भव्य समारोह का आयोजन किया गया।

कार्यक्रम के विशिष्ट अतिथि थे-डॉ. नन्द किशोर गर्ग। डॉ. नन्द किशोर गर्ग के नेतृत्व में आयोजित इस समारोह का मुख्य उद्देश्य था-तरुण विद्यार्थियों में भारतीय संस्कृति और राष्ट्रभाषा हिन्दी के प्रति भक्ति, सजगता और अनुरक्ति के भाव उत्पन्न करना।

संघ लोक सेवा आयोग के पूर्व सदस्य और केन्द्रीय लोक निर्माण विभाग के पूर्व सदस्य श्री के.के. मदान और श्री लाल नाथ, हिन्दू कॉलेज के पूर्व प्राचार्य डॉ. अशोक बतरा ने मुख्य वक्ता के रूप में कार्यक्रम में शिरकत की।

आधुनिक भारत के विश्वकर्मा श्री मोक्षगुंडम विश्वेश्वरैया के अभूतपूर्व योगदान को स्मरण करते हुए श्री के.के. मदान ने अपने संभाषण में छात्रों से सृजन और निर्माण के मार्ग पर अनवरत चलने का आग्रह किया।

भारत की उर्जास्विनी संस्कृति का परिचायक उद्घोष है-11 सितम्बर को शिकागो में दिया गया स्वामी विवेकानन्द का सारगर्भित व्याख्यान। इस उद्घोष से छात्रों का पुनः साक्षात्कार कराते हुए डॉ. अशोक बतरा ने अपने वक्तव्य में हिन्दी दिवस पर छात्रों से हिन्दी



को विहंगम-मंगल की भाषा के रूप में अपनाने का आह्वान किया। हिन्दी के ओज और तेज को जिस आत्मीयता के साथ समारोह में प्रस्तुत किया गया, उससे समारोह में शामिल होने वाला हर शख्स प्रभावित हुए बिना नहीं रह सका।

MAIT's Students Rock in London (UK) (HULT PRIZE ACCELERATOR PROGRAMME)

Arushi Sharma (3rd year,IT), Ayush Garg (4th year, CSE), Ganesh Gulati(4th year, CSE) and Prashansa Khandelwal (4th year, CSE)as Team Solatrixfrom Maharaja Agrasen Institute Of Technology was selected as a finalist in the prestigious HultPrize Awards program. The team competed for a seed funding of 1 million dollars for our start-up in the Hult Prize Boot-Camp summer educational program running from 22nd July to 1st September,hosted by Hult International Business School at its Ashridge Estate Campus in Berkhamsted,UK. They were amongst the top 40 teams from across the globe, the only one from India, selectedfrom an application pool of more than 100,000 students across 117 countries by winning the 2018 Hult Prize Indian Nationals.



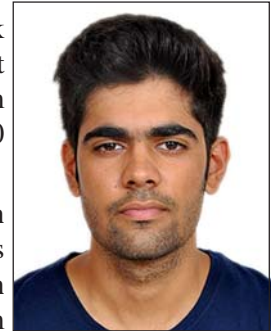
The Hult Prize program, now in its ninth year works under the mentorship of Former US President ,Bill Clinton and has partnered with the United Nations to train young student leaders around the world on how to use business as a leading force for sustainability. The topic for this year was: 'Harnessing the power of energy by impacting the lives of 10 million people by 2020.'

student leaders around the world on how to use business as a leading force for sustainability. The topic for this year was: 'Harnessing the power of energy by impacting the lives of 10 million people by 2020.'

IT Department's Student Rocks in Switzerland

Mr.Uddish Verma Final Year Student, IT Departmentan initiator and a dynamic person with a great curiosity for all those things which revolve around new technologies. His major area of interest is centered around Android Application Development. He has an equal interest in Backend Development and GUI related artifacts. Recently, he got a lifetime opportunity to be a part of the CERN(European Organization for Nuclear Research, near **Geneva**,

Switzerland) summer internship program in Switzerland and got the privilege to work with some of the world's best technical people. He not only independently worked on a Fullstack Hadoop based database project but also got to interact with people from different cultures for almost 10 weeks.



While looking for an exciting opportunity to hone his skills further, he associated with a Silicon Valley based firm called Squadrun, to understand their retail and analytics business and eventually interned with them working on different projects involving full stack development. He has developed numerous functionalities for their mobile application and is now working as a Backend Developer while learning the best of industry knowledge.

Fortunately, he received an exciting offer from them and will be working with them full time as a Product Engineer after he graduates in May 2019 from MAIT.

Industrial & Educational Visit to Prasar Bharti: India's Public Service Broadcaster, by IT Department



Wednesday, 3rd October, 2018 for B.Tech.(I.T.) 3rd semester students. A group of 25 students of B.Tech.(IT) participated in this technical visit to Prasar Bharti: India's Public Service Broadcaster, supervised by Ms. Namita Goyal Assistant Professor and Mr. Nitesh Wadhwa Assistant Professor.

At Doordarshan Kendra, Todapur, Delhi, students and faculties were received by Doordarshan team members, who explained the students about the team operation carried out at Doordarshan. Students visited the entire studio like control room,

Industrial visits represent important activities in any engineering undergraduate programme that contribute to the achievement of various essential learning. To make students aware of industry practices and regulations an industrial and educational visit suggested by Prof.(Dr.) M. L. Goyal, Director General, MAIT, was organized by IT Department under the guidance of Prof.(Dr.) M. L. Sharma, HOD, IT on

transmitter section and recording room. Students were explained the concept of broadcasting and how high frequency C band signals from satellites are received and converted to KU band so that they can be transmitted. During this visit students got an opportunity to know the technical details of satellite coverage, broadcasting techniques, concepts of multiplexing, Digital transmission & monitoring. ○



Blood Donation Camp on 2019 Netaji Subhash Chandra Bose Jayanti

INDUSTRIAL & EDUCATIONAL VISIT BY IT DEPARTMENT



Industry interface enables students to analyze and understand the ever changing dynamics of the industry. An industrial and educational visit for the exposure of practical knowledge of B.Tech.(I.T.) 3rd semester students, suggested by Prof.(Dr.) M. L. Goyal, Director General, MAIT, was organized by IT Department under the guidance of Prof. (Dr.) M. L. Sharma, HOD, IT on Thursday, 4th October, 2018. The purpose of this technical industrial visit to DD Direct Plus Monitoring Station, Doordarshan Kendra Todapur, Delhi, was

to make the students aware of the functioning of TV transmission. A group of 22 students of B.Tech.(IT) participated in this technical visit.

We are grateful to Er. Shaiesh Kumar Kanojia, Deputy Director and Er. Rajeev Mittal officials from DD Direct+ for giving an enlightening tour of the monitoring station, Doordarshan Kendra Todapur, Delhi. He explained working of Free-to-air DTH "DD Direct Plus" Service. The station is currently providing 59 Nation channels free of cost and use INSAT 4B satellite for transmission. The session was very informative and thought provoking. This visit will help the students to understand the concepts of multiplexing, Digital transmission & monitoring.



Er. Vibhor Sharma Assistant Professor and Er. Nitesh Wadhwa Assistant Professor were the main coordinators of the visit. The students of B.Tech.(I.T.) 3rdth semester are indeed grateful to Prof.(Dr.) M. L. Goyal, Director General and Management of MAIT for facilitating this technical trip to DD Direct Plus Monitoring Station, Doordarshan Kendra Todapur, Delhi. Finally efforts of officials at DD Direct Plus Monitoring Station deserve more than appreciation for their support and services.



IT Department Conducted A Hands-On Workshop On "Data Science"

Department of Information Technology successfully organised One Day Hands-On Workshop on "Data Science" in association with VMDD Technologies, on Wednesday, 26th December 2018. Prof.(Dr.) M.L. Sharma, Head, Department of Information Technology, MAIT, addressed the gathering and explained the necessity of such Hands-on Workshop by delivering his valuable views.

Er. Yash Sharma, Project Manager, VMDD Technologies, conducted the session. He conducted the session on Data Science. Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from data in various forms, both structured and unstructured, similar to data mining.

Data science is a "concept to unify statistics, data analysis, machine learning and their related methods" in order to "understand and analyze actual phenomena" with data. It employs techniques and theories drawn from many fields within the context of mathematics, statistics, information science and computer science. Award winner Jim Gray imagined data

science as a "fourth paradigm" of science (empirical, theoretical, computational and now data-driven) and asserted that "everything about science is changing because of the impact of information technology" and the data deluge.

The session proved to be very helpful for faculty and students alike. The event was coordinated by Dr. Amita Goel, Professor; Er Nidhi Sengar, Assistant Professor; Er Vasudha Bahl, Assistant Professor; Er Neha Singh, Assistant Professor and Er Arushi Jain, Assistant Professor, Department of Information Technology.

Over 32 students, more than 30 Assistant Professors, Associate Professors participated the event with great enthusiasm and were also awarded with the Participation Certificates by Prof.(Dr.) M. L. Sharma, Head, Department of Information Technology, MAIT. All the students and faculty members are extremely grateful on successful completion of this workshop to Founder Chairman Dr. Nand Kishore Garg, Vice-Chairman, Prof.(Dr.) M L Goyal, and Director, Prof.(Dr.) Neelam Sharma. ○

INDUSTRIAL VISIT TO ITTM, SHADIPUR, DELHI

The industrial visit is considered one of the most tactical methods of teaching. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. Moreover, it gives exposure to the useful information related to the practical aspects of the educational course. After concrete efforts of our honorable Director General Prof.(Dr.) M.L. Goyal, the students of B.Tech(IT) of MAIT got this esteemed opportunity to have an Industrial visit to a prestigious Institute ITTM, Shadipur, New Delhi under the guidance of Dr. M.L.Sharma, HOD(IT) on Wednesday, 3rd October, 2018. The purpose of this technical industrial visit was to make students aware of

i. Telecom Technologies, ii. Optical fiber systems (SDH & FTTH), iii. Data Communication & IP networks, iv. Broadband concepts, v. Technology & service aspects, vi. GSM, CDMA & 3G,4G, 5G etc.

As the field exposure at MTNL is unique since no other Company can match the Infrastructure of MTNL. At present, MTNL has about 65 latest technology Digital switches spread all over Delhi.

A group of 32 students of B.Tech.(IT) 3rd Semester participated in this industrial educational visit. Students got the opportunity to understand the latest in Telecom Technology & IT like Transmission, Switching, GSM, 3G, 4G, 5G, Broadband, IT and get exposure to Digital switches, Transmission Network & Equipment, the latest State-of-the-art NGN switch, GSM, MSCs, Intelligent Network switches, Broadband NOC & MPLS and IP networking. On behalf of all management and students we take this opportunity to thank the entire team of ITTM, Shadipur, New Delhi for providing us with the practical information and for explaining the technical aspects. Er. Nidhi Sengar Assistant Professor and Er. Vasudha Bahl Assistant Professor were the main coordinators of this industrial visit. The students of B.Tech(IT) 3rd Semester appreciate the efforts of the management of MAIT and indeed grateful to Prof. (Dr.) M.L.Goyal, Director General, MAIT for executing this successful Industrial trip.



IEEE MAIT - ON THE PATH OF ACHIEVEMENTS

IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities. IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

The student branch of IEEE - Maharaja Agrasen Institute of Technology was revived under the guidance of Prof. (Dr.) M.L. Goyal, Vice Chairman, Academics (MAIT), Prof. (Dr.) Neelam Sharma, Director (MAIT) and Dr. Monika Gupta, the Branch Counsellor of the society in 2015. Since then, there is no turning back towards its perpetually exponential growth. With over more than hundred student members actively working to promote and propagate the technical interest among the students; IEEE MAIT is considered to be one of the most promising student branch in Delhi section.

Main objective of the branch is to foster technological innovation and excellence in students for the benefit of humanity. Here are some highlights of the events organised by IEEE MAIT in 2018:

- IEEE MAIT ventured a PCB designing workshop using Auto Cad Eagle. Each participant went home with a working prototype of NE555 IC timer.
- IEEE MAIT organised various technical and non-technical events for Techsurge and Mridang 2018, the annual technical and cultural fest of MAIT. A ROAD NOT TAKEN (Roborace), EL ROBOTICO 2.0 (Robbo soccer), THE GAME OF BOTS 2.0 (LFR event), CODESENSE (competitive coding) were some of the events.
- We got the opportunity to host the Delhi section award ceremony 2018, which witnessed delegates from different colleges and states. The team of SSN Delhi section was facilitated for their hard work and contribution.
- IEEE MAIT conducted the orientation session and membership drives for all the budding engineers and tech-enthusiasts. This was followed by a "Tech-week" which elicits the interest among the students for various technical fields and areas.
- The society encourages the students to explore themselves with very innovative idea of self-teaching called as "Student Interest Groups or SIG's". Several SIG's were held in college premises after teaching hours on the topics such as MATLAB, Embedded systems, Web-Development, Machine learning, Competitive Coding.



These sessions were conducted by various core team members of IEEE MAIT SB.

- IEEE MAIT celebrated the propitious IEEE Day by organising numerous events such as HEX-A-CUP (Robo soccer), EX-Quiz-ME (Quizzing event), PIRATES OF MAIT (Treasure hunt), SUDO SOLVE (Competitive coding), PES TALK session (an interactive talk session on IEEE Power and Energy Society). The motive of this day is to escalate the urge to empower technology for a better tomorrow.
- We were not only confined to college campus but we showcased their skills at various places and have been awarded several times.
- AvishBhasin and Gaurav Nigam were elected as the editorial coordinator and social media coordinator respectively for the Student Section Network (SSN) of IEEE Delhi Section.
- IEEE Xtreme, an international coding challenge, in which teams of student members compete in a 24-hour time span to solve a set of programming problems. Various teams from IEEE MAIT participated this competition and secured excellent ranks. Tejaswi Kapoor, Gaurang Goel and Aadish Jain secured International Rank 434 and All India Rank 32. Ravi Singh, Shubham roy and akshay secured international rank 517 and All India rank 43. Abhishek Goel, SaumyaWardhan, Shubham Bansal secured International rank 626 and All India rank 65.
- Deepali Bindal and Abhishek Goel bagged 2nd position at university level in Swacch Bharat summer internship.
- Hershita Tully, Mansi Tyagi and Indrajeet Roy bagged 1st position in the cultural event of All India Student - Young Professionals - Women in Engineering Congress (AISYWC) 2018, which is the annual flagship event of IEEE India Council.

Dr. Monika Gupta
IEEE MAIT SB Counsellor

IT Department's Student Rocks in Massachusetts Institute of Technology(MIT), USA

Rohan Garg from Department of Information Technology got the chance to go on his first international trip to the United States of America, to participate in one of the biggest undergraduate hackathons at **Massachusetts Institute of Technology, USA**, HackMIT 2018. It was undoubtedly the experience of a lifetime. He thanked his college: MAIT, **Founder Chairman Dr. Nand Kishore Garg, Director General, Prof. (Dr.) M L Goyal, HOD (IT) Prof. (Dr.) M L Sharma**, his teachers, parents, and friends for supporting him and enabling him to visit this glorious event and spent a week from 13th to 20th September, 2018 in the States to explore further opportunities.

HackMIT is MIT's largest annual undergraduate hackathon. It has seen a wide variety of hacks, ranging from new web and mobile app concepts to novel hardware/software interfaces to machine learning and computer vision projects. HackMIT emphasizes building working prototypes rather than business plans or ideas, and participants are encouraged to be open about the technical challenges they faced in the judging process.

It is one of the world's most prestigious events and around 1000+ people from throughout the world participated, learnt and grew their skills. The exposure gained through this event was unparalleled.

To get shortlisted for the Final round at Boston USA, The Team solved 7 puzzlesthrough coding stuff and all. Only 50 Team through out the world were selected through these puzzles.

Their Team not only participated in this glorious event at MIT college but also won a prize for "Best use of BNP Paribas Apis" and as a reward we were invited to their Office in New York for interview for a summer internship and a dinner with some of the Senior Leaders of the Company. This student is a role model for other students. ○

Industrial Visit To Mahanagar Telephone Nigam Ltd. (MTNL)

Department of Information Technology, Maharaja Agrasen Institute of Technology organized a one day Industrial visit to Mahanagar Telephone Nigam Limited (MTNL) Sector-3 Rohini, New Delhi-110085, on Thursday, 4th October 2018 for B.Tech.(IT) Engineering students.

MTNL was setup on 1st April, 1986 by the Government of India to upgrade the quality of telecom services, expand the telecom network, introduce new services and to raise revenue for telecom development needs of India's key metro cities of Delhi & Mumbai. MTNL is the principal provider of fixed-line telecommunication service in the two Metropolitan Cities of Delhi and Mumbai. It offers mobile services in the city of Delhi including four peripheral towns Noida, Gurgaon, Faridabad & Gaziabad and the Mumbai city along with the areas falling under the Mumbai Municipal Corporation, New Mumbai Corporation and Thane Municipal Corporation.

To meet the broadcast and other requirement such as carrying of High Definition TV stream, games data, security requirements etc the salient features of Telecom infrastructure were specially created by MTNL for CWG-2010 in less than a year time frame. After completion of the games the network elements are used to strengthen / augment the exiting IP / MPLS backbone networks of MTNL in Delhi & Mumbai enabling MTNL to meet all its current and future requirements as well as to facilitate it to provide wholesale bandwidth connectivity to other telecom operators, Banks, Corporate Houses and various other Govt. Agencies on lease or rental

basis support.

MTNL is providing telecommunications beyond boundaries through its Joint Ventures and Subsidiaries. MTNL is present in Nepal through its Joint Venture United Telecom Limited (UTL) and in Mauritius through its 100% subsidiary Mahanagar Telephone Mauritius Limited (MTML).



A group of 35 students of 3rd semester B.Tech (I.T.) participated in this industrial visit. The purpose of this visit was to acquaint students about Enterprise services, IPv6 services and Industrial Training. Officials and Technical Experts at the Training Center addressed the students and briefed about the initiatives taken up by MTNL for targeting unemployment issue.

Prof.(Dr.) Amita Goel and Er. Bhaskar Kapoor were the main coordinators of this industrial visit. The trip was indeed very informative and enlightening for the students. The students of B.Tech.(IT) 3rd Semester are indeed grateful to Prof.(Dr.) M L Goyal, Director General, our Founder Chairman Dr. Nand Kishore Garg and whole management for facilitating this technical trip to MTNL, New Delhi. ○

**RANKING OF MAIT STUDENTS IN GGSIPU UNIVERSITY (2017-18)
GGSIPU EXAM RESULT - B.TECH- 1ST + 2ND SEMESTER (BATCH: 2017)**

Rank in GGSIPU	Rank in MAIT	Branch	Roll no./Name	CS	OCM	CGPA	Commulative % AGE
12	1	CSE	06114802717 SAHIL TYAGI	54	505	9.35	93.5
13	2	CSE	41714802717 MANVITYAGI	54	504	9.33	93.3
26	3	CSE	43714802717 KETAN JUNEJA	54	498	9.22	92.2
30	1	IT-II	02596403117 SHIVAM SEHGAL	54	485	8.98	89.8
34	2	IT-II	42414803117 RAJAT JAIN	54	484	8.96	89.6
40	3	IT-II	42396403117 PASHMEEN KAUR	54	483	8.94	89.4
1	1	ECE	04914802817 SRISHTY SINHA	54	512	9.48	94.8
2	2	ECE	03614802817 MILITYAGI	54	510	9.44	94.4
12	3	ECE	03414802817 MANSI SAXENA	54	493	9.13	91.3
10	1	EEE	42214804917 AYUSH SHARMA	54	480	8.89	88.9
12	2	EEE	03514804917 PRAANSHU SRIJAN SHANDILYA	54	479	8.87	88.7
13	3	EEE-II	02696404917 VATSAL GUPTA	54	478	8.85	88.5
1	1	MAE	41714803617 NEERAJ SHARMA	54	502	9.3	93
2	2	MAE	02114803617 HARSHA	54	501	9.28	92.8
3	3	MAE-II	02396403617 TUSHAR GOYAL	54	500	9.26	92.6

GGSIPU EXAM RESULT - B.TECH- 3RD + 4TH SEMESTER (BATCH: 2016)

Rank in GGSIPU	Rank in MAIT	Branch	Roll No./Name	CS	OCM	CGPA	Commulative % AGE
1	1	CSE	20514802716 VIRENDER SINGH	57	541	9.49	94.9
14	2	CSE	35114802716 AKANKSHA SOOD	57	530	9.3	93
15	3	CSE	36214802716 SAKSHI BINDAL	57	529	9.28	92.8
16	1	IT-II	03396403116 SHIVAM KUMAR	57	522	9.16	91.6
26	2	IT-II	02296403116 RAHUL GARG	57	513	9	90
35	3	IT	01314803116 BIPIN KALRA	57	511	8.96	89.6
17	1	ECE	00614802816 ANUP KUMAR	57	519	9.11	91.1
33	2	ECE	00314802816 ADITYA SINGH	57	511	8.96	89.6
53	3	ECE	05014802816 SAURABH LOHIA	57	504	8.84	88.4
4	1	EEE	05214804916 REEVADHARIWAL	57	520	9.12	91.2
5	2	EEE	03114804916 MANSITYAGI	57	518	9.09	90.9
10	3	EEE	03314804916 MAYUR	57	510	8.95	89.5
3	1	MAE	00214803616 ABHISHEK	55	510	9.27	92.7
7	2	MAE-II	00196403616 ANANT SINGHAL	55	503	9.15	91.5
8	3	MAE-II	02396403616 SAURAV CHAUDHARY	55	503	9.15	91.5



OUR ACHIEVERS

GGSIU EXAM RESULT - B.TECH- 5TH + 6TH SEMESTER (BATCH: 2015)

Rank in GGSIPU	Rank in MAIT	Branch	Roll No./Name	CS	OCM	CGPA	Commulative % AGE
13	1	CSE	35714802715 KSHITIJ GUPTA	53	493	9.3	93
25	2	CSE-II	02696402715 NIKITA GUPTA	53	489	9.23	92.3
26	3	CSE-II	04496402715 SNEHIL	53	488	9.21	92.1
11	1	IT	09014803115 YASH MITTRA	53	489	9.23	92.3
12	2	IT	00114803115 AAYNA AGGARWAL	53	488	9.21	92.1
20	3	IT	20514803115 PURVI BHARGAVA	53	485	9.15	91.5
3	1	ECE	00314807316 KARTIK KUMAR	55	520	9.45	94.5
14	2	ECE	05014802815 ROHIT JAIN	55	506	9.2	92
17	3	ECE	61714802815 SWARNIM SHARMA	55	505	9.18	91.8
12	1	EEE	06014804915 SAHIL CHOPRA	54	485	8.98	89.8
14	2	EEE	06714804915 SHIVAM GUPTA	54	485	8.98	89.8
18	3	EEE	06314804915 SATYAM GUPTA	54	479	8.87	88.7
3	1	MAE-II	04196403615 TAJINDER SINGH	54	497	9.2	92
5	2	MAE	07214803615 SUJATA	54	490	9.07	90.7
8	3	MAE	03914803615 MEHUL GOYAL	54	485	8.98	89.8

GGSIU EXAM RESULT - B.TECH- 7TH + 8TH SEMESTER (BATCH: 2014)

Rank in GGSIPU	Rank in MAIT	Branch	Roll no./Name	CS	OCM	CPI	-
10	1	CSE	11914802714 AISHWARYA DHEMBLA	50	4522	90.44	-
37	2	CSE	30114802714 SOAMYA SINGLA	50	4387	87.74	-
44	3	CSE	60214802714 MAYANK SHAH	50	4381	87.62	-
4	1	IT	03514803114 PRERNA JAIN	50	4518	90.36	-
5	2	IT-II	02096403114 SAURABH BHALLA	50	4477	89.54	-
6	3	IT-II	00896403114 ANSHUL GARG	50	4467	89.34	-
1	1	ECE	60014802814 APURVA GUPTA	50	4589	91.78	-
2	2	ECE-II	01096402814 SHUBHAM GARG	50	4571	91.42	-
4	3	ECE-II	01496402814 ANAMIKA ROHATGI	50	4555	91.1	-
13	1	EEE-II	02696404914 ASHISH KUMAR DIXIT	49	4273	87.20408163	-
18	2	EEE	02414804914 ADITYA BHANU	49	4226	86.24489796	-
19	3	EEE	00214804914 SATVIK GAUR	49	4210	85.91836735	-
5	1	MAE	05214803614 MAYANK PANT	51	4406	86.39215686	-
7	2	MAE	01514803614 RAUNAK SINGH OBERAI	51	4346	85.21568627	-
8	3	MAE-II	02996403614 ADITYA ROY	51	4339	85.07843137	-

GGSIU EXAM RESULT - MBA-1ST + 2ND SEMESTER (BATCH: 2017)

Rank in GGSIPU	Rank in MAIT	Branch	Roll no./Name	CS	OCM	CGPA	Commulative % AGE
2	1	MBA	02014803917 BHAVYA MONGA	60	553	9.22	92.2

3	2	MBA 07214803917 SIMRAN KAUR MATTA	60	549	9.15	91.5
11	3	MBA 06814803917 SHRUTI CHOURASIA	60	537	8.95	89.5
GGSIPOU EXAM RESULT -MBA-3RD +4TH SEMESTER (BATCH: 2016)						
Rank in GGSIPU	Rank in MAIT	Branch Roll no./Name	CS	OCM	CGPA	Commulative % AGE
11	1	MBA-II 02296403916 NIKITA SOOD	55	503	9.15	91.5
14	2	MBA 07614803916 SHREYA BANSAL	55	502	9.13	91.3
16	3	MBA 07814803916 SHRUTI LOHANI	55	502	9.13	91.3

Dr. S. S. Deswal
Dean (Academics)

STUDENT'S ACHIEVEMENTS (CSE DEPARTMENT) (AUG 2018- JULY 2019)

S.No.	Name of the Students	Mentor/coordinator	Year	Event	Institute/ Organization	Award
1.	Abhishek Chauhan		Nov, 2018	Asian Martial Arts Games 2018	IKU Asian Karate Championship 2018	Gold Medal
2.	Bhavye Sharma Arjun Vidhyarthi Ackshay Jain Krishna Lohiya		Nov, 2018	MOVEHACK	CISCO	Special Jury Award
3.	Naman Goyal Himanshu Gupta Akshay Sharma	Anupam Kumar	Dec, 2018	ICPC Kolkata Kanpur Online Contest	ICPC, ACM	Honorable Mention
4.	Dipti Nayan		2018	Google india Scholar Program	Udacity	Nanodegree scholarship in Nanodegree mobile specialist

PLACEMENTS CSE DEPARTMENT (2015-2019 BATCH)

Following students have bring glory to the Department and are selected on high package by the companies listed below.

Ion Trading (12 LPA)		Fynd (10 LPA)	
Srijan Garg	10514802715	Rishabh Sharma	3496402715
Anshuman Raina	1396402715	Sapient (10LPA)	
Priyanka Nagpal	3296402715	Karan Bhatia	4014802715
Shivang Verma	40596402715	HT Media (9 LPA)	
Expedia (11.67 LPA)		Kishan R Thawani	4314802715
Harshit Bisht	3214802715	Divyank Karolia	2714802715
		Sainarayanan L	9214802715

RESEARCH PUBLICATIONS (CSE DEPARTMENT)

(AUG 2018- JULY 2019)

Students of Department of Computer Science and Engineering are encouraged to do Research under the guidance of faculties as part of their Project and published their work in renowned Journals and Conferences. Some of the publications of the students along with the faculties are listed below:

1. Jain Rishabh, Prerna Sharma, Moolchand Sharma, and Deepak Gupta. "Parkinson diagnosis using Ant-Lion Optimization algorithm." *International Journal of Innovative Computing and Applications (Inderscience)* (January 2019).
2. Sushant Verma, Radhika Bansal, and Ashish Sharma. "Energy Efficiency Techniques in heterogeneous networks." *International Journal of Scientific & Engineering Research* (January 2019).
3. Deepak Gupta, Jatin Arora, Utkarsh Agrawal, and Ashish Khanna, and Victor Hugo C. de Albuquerque. "Optimized Binary Bat Algorithm for classification of White Blood Cells." *Measurement (Elsevier)* (January, 2109).
4. Jain Rishabh, Deepak Gupta, and Ashish Khanna. "Usability feature optimization using MWOA." In *International Conference on Innovative Computing and Communications*, pp. 453-462. Springer, Singapore, (October, 2018).
5. Gupta Deepak, Joel JPC Rodrigues, Shirsh Sundaram, Ashish Khanna, Valery Korotaev, and Victor Hugo C. de Albuquerque. "Usability feature extraction using modified crow search algorithm: a novel approach." *Neural Computing and Applications* (September, 2018): pp.1-11.
6. Zameer Fatima, Suvansh Chawla, Varshit, and Ratik Bhat. "Contrastive Examination of Learning Techniques Deployed Over Handwritten Digits." *Advancement in Image Processing and Pattern Recognition* (Vol 1, December 2018).
7. Sharma Prerna, Shirsh Sundaram, Moolchand Sharma, Arun Sharma, and Deepak Gupta. "Diagnosis of

Parkinson's disease using modified grey wolf optimization." *Cognitive Systems Research* 54 (December, 2018): 100-115.

8. Prerna Sharma, Apoorva Gupta, Aastha Aggarwal, and Akshit Garg. "Leaf Identification using HOG, KNN, Neural Networks". *International Conference of Innovative Computing and Communications*. (October 2018).
9. Prerna Sharma, Soumya Singla, and Vijay Arora. "Street Light Energy Saver." *International Conference of Innovative Computing and Communications*. (October 2018).
10. Priyansha Garg, Moolchand Sharma, Yastika Kumar, and Shivani Aggrawal. "Security on Cloud Computing using split algorithm along with cryptography and steganography using MWOA." *International Conference of Innovative Computing and Communications*. (October 2018).
11. Prerna Sharma, Apoorva Gupta, Aastha Aggarwal, Deepak Gupta, Ashish Khanna, Aboul Ella Hassanien, and Victor Hugo C. de Albuquerque. "The health of things for classification of protein structure using improved grey wolf optimization." *Journal of Supercomputing (Springer)* (October 2018).
12. Gupta Ankita & Gupta C. "CDBR: A semi-automated collaborative execute-before-after dependency-based requirement prioritization approach." *Journal of King Saud University-Computer and Information Sciences*. (October 2018).
13. Gupta Ankita & Gupta C. "Towards Dependency Based Collaborative Method for Requirement Prioritization." In *2018 Eleventh International Conference on Contemporary Computing (IC3)* (pp. 1-3). IEEE (August 2018).

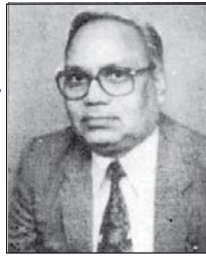
Dr. Namita Gupta (HOD CSE) and Mr. Alok Sharma published paper titled "Graduate Attributes, Program Objectives/Learning Outcomes and Faculty Accountability" in **4th World Summit on Accreditation (WOSA-2018)**, Organised by **National Board of Accreditation (NBA)**.

Maharaja Agrasen School of Law students Charvi Duggal and Devesh Vagela's article on the Legalization of Prostitution was published in the Law journal of Indian Institute of Jural Science and Research. The article was sent in as a part of a writing contest and it stood 12th all over India.

Dept. of ECE

Prof. R.S.Gupta

Ph.D awarded under the Guidance of Prof. R.S.Gupta



- [1] Jaya Madan has been awarded doctorate with thesis titled, "Simulation and Analysis of Gate All Around TUNNEL FET for High Performance Analog and RF applications" under the guidance of Prof. R.S.Gupta (DTU).
- [2] Manoj Kumar has been awarded doctorate with thesis titled, "Analytical Modelling, Simulation and Characterization of Schottky Barrier (SB) Gate All Around (GAA) MOSFET Structures for Low Power Applications" under the guidance of Prof. R.S.Gupta (Delhi University).

I. Papers Published in Reviewed Journal 7

II. Papers Published in International Conferences 10

Ph.D. Awarded

Dept. of MBA

- **Dr. Anoop Kumar Gupta** was Awarded PhD in Dec 2018 from Mohanlal Sukhadia University, Udaipur (Govt. State University) with Birla Institute of Management Technology, Greater Noida as its research centre. The topic of thesis was, 'Retail Format Choice Behavior for Reasoned Purchase: A Study of Consumer Durables'.



Department of ECE

- **Dr. Nitin Sharma** was awarded Ph.D. in January 2019 from Delhi Technological University, Delhi. The topic of his thesis was, 'Image Enhancement using Fuzzy logic and Particle Swarm Optimization'.



- **Dr. Praween Kumar** was awarded Ph.D. in February 2019 from SunRise University Alwar, Rajasthan. The topic of his thesis was, 'Realization of Active Networks for Instrumentation and Communication System'.

Dept. of Applied Sciences

Prof. Dr. Kamal Nain Chopra



Prof. Dr. Kamal Nain Chopra of Applied Physics Department, has been able to continue his research work, and published a number of Research Papers (8) in the 2nd half of the year 2018 in various fields like Ring Laser Gyro Coatings, PhCs based Hydrogel with an Enzyme Hydrogel as Biosensors, Infra Red Signatures by Optoelectronic Techniques and Countermeasures, Free Electron Lasers and their recent Novel Applications, Artificial Intelligence Concepts and some important coevolving modern issues on Management of Organization and Commerce, Creativity and Innovation for improving the Business, Optimization of Financial Resources for Growth of Spiritual Learning (Nishkam Karma Yoga - Desire Less Action) for Stress Management in Business Corporate Sector, and Learning Spiritualism for Stress Management for Business Managers in Corporate Sector ; in Reputed International Journals - Lat. Am. J. Phys. E, SOPO 2018, Kunming, CHINA (TAYLOR and FRANCIS Group), International Journal of Accounting and Finance Studies, Los Angeles, CA, USA., Singaporean Journal of BuSineSS economicS and Management StudieS, (SINGAPORE), and Journal of Internet Banking and Commerce, Ottawa, CANADA; and hence has contributed in increasing considerably the Research Activity of the Institute, and thereby in enhancing its prestige and reputation at the International Level, both in Physics, and Business Management Studies. Besides, he has been acting as EDITORIAL BOARD MEMBER/REVIEWER, by the Reputed Journal - International Journal of Accounting and Finance Studies, Los Angeles, CA, USA. in recognition to his recent publications in the international journals, with the nomenclature: Prof. Dr. Kamal Nain Chopra, Maharaja Agrasen Institute of Technology, GGSIP University, Delhi, INDIA.

Best Paper Award

Mr. Shashi Kant Pandey

Mr. Shashi kant Pandey received the Best Paper Award in an International Conference SSIC-2019 at School of Computing and IT, Manipal University Jaipur.



WESTERN DISTURBANCES, DUST STORMS AND DESTRUCTION

-Prof. O.P. Grover

This year 2018 there has been extreme weather patterns. From February to May 2018, there were more than 40 storms covering very large part of India from North to South and extending up to Bihar. The speed of wind has been even more than 130 Km per hour. In general, the maximum wind speeds during storms has been near about 80 Km per hour and a few times extending to 100 Km per hour. More than 400 persons got killed and many hundreds injured. In many states standing crops were destroyed and lot of cattle, sheep, goats got killed. In a village in Bharatpur District, six persons were doing exercise in the college ground. Because of high velocity of storm three persons got airlifted and landed at different places suffering injuries. The remaining three ran to take shelter in the gateway of the College. A pillar nearby collapsed killing all the three. Many houses and other buildings in the same village collapsed. Apart from extreme velocity of storm, it can be presumed that the village houses and building may not have been built with proper foundation and proper quality of materials according to by - laws.

Dust storms are not new. In summer, after a week to two weeks of high temperature, dust storms are a normal phenomenon and are sometimes accompanied by light or moderate rain but not always with heavy rains and hailstorms. The results of such damages are many. Trees and electric poles are uprooted. Roads get blocked and as a result of trees and poles getting uprooted there is loss of human beings, loss of power which effects the supply of water, stopping of agricultural activities. Without proper drinking water and stagnating of water around makes people suffer from various diseases. There is scarcity of food because of effect on transportation. Though, the Government agencies do provide relief and compensation, it takes some time for all relief measures. Many of them have to live in open areas.

There was extreme darkness in the afternoon of 2nd May in Delhi, resulting in thunder storm and very heavy rain. This weather condition was not only restricted to Delhi but many parts of India. There was more damage in Agra and near about where roofs of shops and houses were blown away, many trees and poles got uprooted blocking many roads, disrupting electric supply and water supply.

During these months, Andhra Pradesh was struck by lightning may thousand times during one day. Lightning is also responsible for killing people and destroying property. Dust particles with high velocity are responsible for accumulation of water droplets for rain bearing clouds and increase rainfall. These dust particles are also responsible for stronger clouds. Apart from increasing rains, they also increase activity of lightning.

Whenever, there is a sudden change in weather in summer or winter, the cause is generally Western Disturbance. Western Disturbance originate in the Mediterranean. A high pressure area over Ukraine and neighbourhood consolidates, causing pulling of cold air from the polar region towards relatively warmer air with high moisture. This generates favourable conditions for cyclone type movement in the upper atmosphere causing east ward moving depression. This disturbance moves through Iran, Iraq, Afganistan and Pakistan and then obstructed by Himalayas, causing rain and snow in mountains and rain in Northwest India in winter and are accompanied by cold wave conditions during winter. The interaction of the monsoon with western disturbances may cause dense clouds and heavy rains. In 2013, North India floods were the cause of such interaction responsible for killings few thousands people in a span of 3 days.

Some glaring facts:

1. Lightning strikes tall pointed metallic objects
2. Lightning strikes more than eighty lac times a day throughout the world i.e. more than 90 times a second.
3. The largest size of hailstone was about 19 inches long weighing about two pounds in Vivian, South Dakota, USA in July 2010. In 1966 in Kanpur (India) probably the largest hailstone after falling and a part broken was about a little larger than half a brick it may have weighed about a kilogramme (not recorded but I have seen)
4. The temperature of lightning is about more than four times the temperature of surface of sun which is about 5500°C.
5. For increasing population, more houses are being constructed thereby decreasing the green area. So far there has been a decrease of about 30% of green area. Not only the green area is responsible of reduction of oxygen generation from carbon dioxide but also the additional buildings which can be called concrete jungle are responsible for more heat addition in the atmosphere-one of the causes of increase of temperature of atmosphere.

In the month of September 2018, Western USA received very heavy rainfall- six metres in six days causing heavy losses. In Kerala there has been also very heavy rainfall causing havoc. There have been forest fires in California causing destruction. According to experts, all these destructions are because of global warming which create favourable conditions for climatic changes.



Dept. of MAE

The representatives of all the countries are meeting and deciding for mitigation for global warming. Carbon dioxide is produced from burning any material: fossil fuels, household cooking using L.P.G, C.N.G., and any other fuel, also human breathing. Other gases responsible are : methane and nitrous oxides which are no less harmful. Nitrous oxides are present in emissions and methane is produced from garbage dumping, sewage and also produced by belching of livestock. Our liking for dairy products and meat is increasing and is also responsible for increasing livestock. There is need for change of our favourite foods. In U.S.A. and China, heavy investments are being made for getting plant based meat and dairy products milk, curd etc. Efforts are being made to produce chicken, cheese and fish. These plant based foods will replace the animal products only if they are easily available, comparatively cheaper or at least have the same cost and same taste and will result in reducing and even eliminating the livestock and increasing the plants.

Milk can be made from almonds, oats, soya, etc. So these replacements will reduce the population of animals and increase

more plants which can decrease carbon dioxide and also methane. Other mitigating factors on which all countries are working for replacing thermal power plants by renewable energy sources i.e. solar and wind energy. The cost of solar energy production have enormously reduced and likely to be cheaper than conventional power sources. Our Government is encouraging the use of Wind Mills and Solar Power Plants with subsidies.

Still another mode of reducing emissions is to increase the use of electric vehicles and battery operated vehicles. The cost of electric vehicles and batteries are quite high. If the power source for running directly electric vehicles is Thermal Plants, there is no likelihood of reduction in emissions. The use of renewable energy can only reduce emissions. Also efforts are being made for reducing the cost of batteries and also the working time. All the countries are also reducing deforestation and planting more trees.

Let us hope these efforts will result in reducing emissions and the humanity may not face the destructive effects of global warming. ○

How India Perceives Mental Health

-Sonal Khurana, Dept. of MAE

According to the U.K. surgeon general (1999), mental health is the successful performance of mental function, resulting in productive activities, fulfilling relationships with other people, and providing the ability to adapt to change and cope with adversity. The term mental illness refers collectively to all diagnosable mental disorders-health conditions characterized by alterations in thinking, mood, or behaviour associated with distress or impaired functioning.

According to World Health Organization, depression is the leading cause of disability worldwide. Eight lakhs suicide deaths per year are attributed to depression. According to National Mental Health Survey of India (2015-16), 1 in 20 people in India suffer from depression, 150 million need intervention. Women are more prone to depression than men.

When asked to describe a person with mental illness ,71% of people surveyed used terms associated with stigma such as 'retard', "crazy" etc. The above statistics highlight the urgent need for intervention. India records the highest rate of suicide in the world, with victims ranging from 15-44 years, as per World Health Organisation (WHO). According to NCRB (2015), a student commits suicide every hour in India.

Together with India's Health Ministry we need to explore ways to find a solution in capacity building, to cater to the massive short fall in the number of trained mental health professionals and facilities dedicated to mental health. Curriculum in our educational institutions needs to include a component on life skills and psychological first aid training .Dialogue and outreach are also very important within our schools, colleges and universities.

There are many organisations and individuals working to transform the mental health landscape of India."The Live Love Laugh Foundation (TLLLF) is one of the organisations in this direction which was set up in 2015."Dobara Poocho (Ask Again)" by TLLLF, was India's first nationwide public awareness initiative on mental healthcare and was designed to inspire people to reach out to those who could be suffering from mental health disorders. The campaign was launched in 2016 and has led to a surge in media reporting ever since.

It is also critical that those in position of influence to educate themselves on mental health and avoid statements that trivialise the pain and suffering of victims of mental illness. Mental health is also one of the most underfunded sectors of India. But, during the past several months, India has seen a few encouraging steps towards a better future for mental health patients. The passing of Mental Healthcare Act, the recent directive by the Insurance Regulatory and Development Authority mandating insurance providers to include coverage of treatment for mental illness in their plans, the focus on mental health at an increasing number of events and public forums, are some examples, all pointing to the fact that, now India has started to consider mental health as the National Agenda.

In the end, I would like to conclude by saying that LIVE LOVE and LAUGH and don'ttake yourself too SERIOUSLY and would also like to quote a sentence by Jonathan Harnisch.

The strongest people are not those who show strength in front of the world but those who fight and win battles that others do not know anything about.

जिन्दगी मौत न बन जाये संभालो चारो... इसलिए करें सड़कों से दोस्ती

-प्रो. विनीता गुप्ता

विभागाध्यक्ष, जर्नलिज्म एंड मास कम्युनिकेशन
महाराजा अग्रसेन इंस्टीट्यूट ऑफ मैनेजमेंट स्टडीज

नियमों को अपनाओ बंधु, रखो सुरक्षित जान को,
दुर्घटना में क्यों देते हो, दोष तुम भगवान को।

यूँ तो रोज ही मीडिया में सड़क हादसों की ऐसी खबरें पढ़ने, सुनने और देखने को मिल जाती हैं लेकिन कुछ दिलोदिमाग पर वर्षों तक छाई रहती हैं। 19 मार्च, 2018 को ऐसी ही खबर आई जिससे लोग स्तब्ध रह गए। जन्मदिन मनाने आगरा गए एम्स के सात डॉक्टरों में से तीन सड़क पर तेज रफ्तार के कहर का शिकार हो गए। इससे पहले 31 मार्च 2014 को आईआईटी, दिल्ली के अंतिम वर्ष के चार छात्रों की सड़क दुर्घटना में मौत के समाचार ने उनके परिवार वालों को ही नहीं, आम आदमी को भी हिला दिया था। इन छात्रों का एक बड़ी कंपनी में 30 से 35 लाख सालाना के पैकेज पर प्लेसमेंट हो गया था और वे इसी का जश्न मनाने सड़क के रास्ते जैसलमेर गए थे। इस घटना के बाद आईआईटी, दिल्ली के छात्रों ने इन्डियन रोड सेफ्टी कैम्पेन (IRSC) नाम से एक देशभर में सड़क सुरक्षा का बीड़ा उठाया।

आंकड़ों के अनुसार भारत में हर साल लगभग डेढ़ लाख लोग सड़क दुर्घटनाओं में मारे जाते हैं। एक शोध में विश्लेषण के अनुसार इनमें से एक लाख के लगभग सड़क दुर्घटनायें ऐसी थीं जिन्हें टाला जा सकता था। यह आंकड़ा हमें सोचने पर मजबूर करता है कि हम न उन सड़कों से प्यार करते हैं जो रोज ये हमें मंजिल तक पहुँचाती हैं और न अपने आपसे। आखिर क्यों? विश्लेषण में कुछ तथ्य उभर कर सामने आते हैं:-

- ❖ सड़क सुरक्षा नियमों के बारे में जागरूकता की कमी।
- ❖ लापरवाही भरा व्यवहार।
- ❖ ड्राइविंग लाइसेंस जारी करते समय सही जाँच का अभाव।
- ❖ दुर्घटना के बाद उसके कारणों का ठीक से विश्लेषण न होना, ताकि उससे सबक लिया जा सके।
- ❖ गलत सूचनाओं का प्रसारण।
- ❖ सड़क-निर्माण में ढांचागत कमियाँ।
- ❖ दुर्घटना के शिकार व्यक्ति को समय रहते चिकित्सा उपचार

न मिलना।

- ❖ मदद की गुहार लगाते सड़क पर दुर्घटना के शिकार व्यक्ति की सहायता के लिए लोगों का उपेक्षापूर्ण व्यवहार।
- ❖ दुर्घटनाओं की रिपोर्टिंग में मीडिया का असंवेदनशील रवैया। मीडिया की नजरों में मरने वाला व्यक्ति सिर्फ एक आंकड़ा बन कर रह जाता है।



आईआईटी, दिल्ली के छात्रों द्वारा इन्डियन रोड सेफ्टी कैम्पेन के जरिये की गई पहल में उनके साथ केन्द्रीय सड़क एवं राजमार्ग मंत्रालय (MoRHT), विश्व स्वास्थ्य संगठन (WHO), कई स्वयंसेवी संगठन (NGOs) और लाखों नागरिक जुड़ गए। हाल ही में मनाये गए सड़क सुरक्षा सप्ताह मनाया गया क्योंकि आम आदमी तक यह सन्देश पहुँचाना जरूरी है कि सड़क पर सफर कर रहे हैं तो यह सड़क आपकी हमसफर है, इसलिए हम इसका सम्मान करते हुए अपना और अपनों का व दूसरों का ख्याल रखें।

लेकिन कैसे आइये जानें :-

- ❖ तेज रफ्तार जानलेवा हो सकती है। इस पर नियंत्रण रखें। तेज रफ्तार का स्टाइल या स्वैग दिखाने से ज्यादा जरूरी है जान की सुरक्षा।
- ❖ सड़क केवल गाड़ी चलाने वालों के लिए ही नहीं है, पैदल चलने वालों के अधिकारों का भी ध्यान रखें।
- ❖ अनावश्यक तेज हॉर्न या संगीत बजाकर दूसरों को शॉक की सी स्थिति में न डालें।
- ❖ सड़कों पर पुलिस आपकी निगरानी के लिए तैनात है लेकिन कॉलोनी, मोहल्लों या बस्तियों की गलियों में तेज हॉर्न बजाते हुए रफ्तार से गाड़ी न चलायें, गलियों में बच्चे-बुजुर्ग भी निकल रहे होते हैं।



I Follow Traffic Rules



& You..!!

- ❖ शराब पी कर गाड़ी चलाना आपको और दूसरों की जान को खतरे में डाल सकता है।
- ❖ सिर्फ हेलमेट पहनना ही काफी नहीं, वह सही ढंग से बंधा भी हो, इसका खास ख्याल रखें।
- ❖ यदि सड़क पर दुर्घटना हो गई है तो क्या करें:-
 - सबसे पहले दुर्घटना के शिकार व्यक्ति को सड़क के एक तरफ ले जाएँ।
 - 100 नंबर पर पुलिस को सूचना दें या आपातकालीन सेवाओं के लिए 108 नंबर डायल करें। 108 पुलिस, मेडिकल और एम्बुलेंस के लिए एक इंटीग्रेटेड नंबर।
 - दुर्घटना के शिकार व्यक्ति को ज्यादा हिलाएं-डुलायें नहीं।
 - पुलिस या एम्बुलेंस का ज्यादा इन्तजार न करें, दुर्घटना के बाद का एक घंटा किसी की जान के लिए बहुत महत्वपूर्ण होता है। इसे 'गोल्डन ऑवर' कहा जाता है। जितनी जल्दी हो सके दुर्घटना के शिकार व्यक्ति को अस्पताल पहुँचाएँ। पुलिस आपसे कोई पूछताछ नहीं

करेगी। इसके लिए सड़क परिवहन एवं राजमार्ग मंत्रालय द्वारा 'गुड स्मार्टिन' पुरस्कार भी दिए जाते हैं।

सड़क पर होने वाली दुर्घटनाओं और मौतों को कम करने के लिए आम आदमी को जागरूक करने के अलावा और भी बहुत कुछ किया जाना बाकी है। अलग-अलग क्षेत्रों के विशेषज्ञों द्वारा अनेक सुझाव दिए गए हैं, गहन मंथन किया जा रहा है और सुझावों पर अमल की दिशा में काम जारी है। जैसे-

- ❖ विश्वविद्यालयों में रोड एंड ट्रांसपोर्ट इंजीनियरिंग पर विशेष पाठ्यक्रम।
- ❖ ट्रैफिक पुलिस को विशेष तकनीकी और संवेदनशीलता से व्यवहार का प्रशिक्षण।

- ❖ अस्पताल, पुलिस, कानून का तालमेल।
- ❖ एक्सीडेंट की सूचना पुलिस तक पहुँचाने के लिए मोबाइल एप विकसित करना। रिपोर्टिंग प्रक्रिया का डिजिटलाइजेशन।
- ❖ 'एम्बिवैन' और 'सेफकार्ट' जैसी परियोजनाओं पर कारगर रूप से काम ताकि आधुनिकतम चिकित्सा प्रणाली से लैस एम्बुलेंस के जरिये दुर्घटनाग्रस्त व्यक्ति को जल्दी और सुरक्षित अस्पताल पहुँचाया जा सके।
- ❖ विमानों की तरह गाड़ियों में ब्लैक बॉक्स जैसा उपकरण लगाना, जिससे दुर्घटना हो जाने पर उसके कारणों की जाँच की जा सके।

यदि ऐसा होता है तो हम सड़क हादसों में कमी कर पाएंगे और अगर हादसा हो भी गया है तो उसमें जान बचा सकेंगे और फिर ये सड़कें हमें यह गाना बार-बार याद दिलाएंगी ..

जिन्दगी इक सफर है सुहाना ...।

Role of Bhagavat Gita in Stress Management of the Managers and Economic Growth of Corporate Houses

-Prof. Kamal Nain Chopra
Applied Physics Dept.

1 Introduction to Education of Bhagavat Gita in Top Management

Institutes Emphasis of the role of Bhagavat Gita and Spirituality on stress management has recently been a subject of great interest for the researchers from different angles. Many studies have been made on this topic by various researchers, and a good account of these studies has been given in the papers by Chopra et al {Chopra Kamal Nain, Sharma Namrata, and Behura Ajit (2018), Optimization of Financial Resources for Growth of Spiritual Learning (Nishkam Karma Yoga - Desire Less Action) for Stress Management in Business Corporate Sector, International Journal of Accounting and Finance Studies, USA 1(2) PP 1-11}, and Chopra Kamal Nain, Sharma Namrata, and Behura Ajit (2018), Novel Strategies for Creative Learning and Education of Spirituality for Stress Management of Corporate Sector Managers, Singaporean Journal of Business Economics and Management Studies}.

Ramnath Narayanaswamy, of the Department of Economics and Social Sciences at the premier institute of management - Indian Institute of Management (IIM), Bangalore, has been emphasizing on its usefulness, and also directing the students to follow the path of spiritualism, self-development and self-discovery, in order to develop life skills for negotiating the problems of the Business and other fields in a better and scientific manner. The popularity of his elective called 'Spirituality and Self Development for the Global Manager' can be clearly seen from the fact that nearly 25 % students opt for this elective, since they consider that this course is necessary for the students coming out of Business schools. In addition, they like to follow the fundamentals of Advaita, which is equivalent to the renunciation of action, and the subject of interest to know as to which wisdom tradition it closely resembles. It is a common notion with many individuals that business and spirituality have little to do with each other. In reality, however, there is a strong link and interrelationship between managing business, ethical issues, and personal issues. Spiritualism in business has been the subject of interest of various experts including Neck and Milliman (1994), Ritscher (1997), Rick (2004), Father (2001), McLaughlin (2009), and Karakas (2010),

Hence, there has been a strong leaning toward studying

this topic, but generally by developing professional skills, i.e. the software. However, it is the hardware, which has the character and the core values, and therefore IIM, Bangalore, is aiming to develop the course based on hardware for the students, which explores issues like the importance of spirituality, the nature of self-development, and more importantly; to know "if a manager can be in consonance with his purpose of self-being, besides focusing on the manager's role and responsibility at multiple levels for bringing social change and transformation". For learning such issues, the course has to deal with different religious traditions including Catholic, Protestant, Islamic, Jewish, Buddhist and Hindu, by explaining the teachings of holy books the Bible Koran, the Bhagavad Gita, and the Torah. However, the emphasis is on removing the dilemma in the minds of the students, whether it is useful for the managers to believe in renunciation, as given in the Bhagavat Gita. To tackle this problem, Ramnath Narayanaswamy explains beautifully, that the Gita teaches renunciation in action, and not renunciation of action. According to him, though these teachings may mean very little to the students initially, but these are definitely of great use when they are faced with huge real-life dilemmas in the work place; and would help them to negotiate with these problems in life.

As a result of the success of this elective course of the spirituality program at the MBA course, an attempt has been made to start a similar program for the MBA in Software Enterprise Management course. However, it was noticed that the more needed course for them was that of a good training in communication, because of the fact that though many of these students were quite well accomplished in technical skills, yet had poor communication skills. Also, in the software industry, this was a huge challenge. So, it was decided to have a course on oral and written communications and a separate course on spirituality in the workplace, the course being called Managing at the Edge. Interestingly, this elective was jointly developed by Narayanaswamy and his colleague, Prof J. Ramachandran. The course draws its name from the philosophy based on the American saying; "If you are not living on the edge, then you are taking up too much space." The contents of the course are divided into two equal parts on: (i) cutting edge materials on corporate strategy, and

(ii) cutting edge materials on creativity.

Narayanaswamy's innovation in education started about a decade back, when he offered an elective called 'Tracking Creative Boundaries' (TCB) at the Institute. He was deeply interested in making education more relevant to real-life situations, being faced by the managers in corporate world. He came across a philanthropic organization based in Bangalore - India Foundation for the Arts, which was working in the area of arts and creativity; and with their help, started this venture.

IFA Director Anmol Vellani, has also contributed a lot in developing the course content, which follows an unconventional evaluation method. The students have to record their impressions on the lectures, their learning and their dilemmas in a diary, which are used by the organization to assess the students' ability to grasp abstract ideas and relate them to real-life situations; which is supposed to help them in management of the companies they later on join in life.

2 Role of Spiritualism and Bhagavat Gita for Financial Growth

An interesting observation has been made by Mark Orlitsky of the University of Sydney (Australia) and Sara Rynes of the University of Iowa (USA) on the basis of their reviewed studies over the last three decades, in the Corporate Social and Financial Performance report, which is that there is a good relationship between socially responsible business practices and financial performance, the variation being from moderate to quite large.

It has been reported in Management Accounting that companies following ethical principles are observed to be doing better financially than companies ignoring ethics as management component. Many examples of this observation are provided by Business giants like Nike's 27% drop in its earnings several years ago as a result of wrong slave wages; and recently, the shocking disregard of ethics and subsequent scandals leading to financial disaster for Enron, Arthur Anderson, WorldCom, and Global Crossing, among many other similar firms.

On the opposite side, as reported by Business Week magazine on the recent research by McKinsey and Company in Australia, it has been found that productivity improves and turnover is greatly increased when companies engage in programs using spiritual principles and techniques for their employees. Another important finding reported in the literature is that in researching companies for his book, *A Spiritual Audit of Corporate America*, business professor Ian I. Mitroff has

observed that "Spirituality could be the ultimate competitive advantage.". This has given an impetus to the application of Spiritualism in Corporate Sector. It is interesting to note that Ed Quinn, a top business consultant in Philadelphia, has stated on the basis of working with various firms that he is asked to be confidential about the techniques of Spirituality being taught by him to employees, because of the fact that they don't want their competitive companies to know about the positive gains of the Application of Spirituality in their business.

This is to be noted that the work culture at work place is also very important for the success of the firm. Spiritualism in Business has been very clearly explained in the Bhagavat Gita as a very effective work culture useful for the growth of Business, in order to make strong and arduous efforts in pursuit of achieving the aims and goals of the tasks in hand. This holy book touches on two types of work culture - "daivi sampat" or divine work culture and "asuri sampat" or demonic work culture. It has been emphasized that the Daivi work culture is based on many qualities including fearlessness, purity, self-control, sacrifice, calmness, no fault-finding, no greed, gentleness, modesty, and most importantly absence of envy and pride. As against this culture, the Asuri work culture is based mainly on egoism, personal desires, improper means of functioning, and the orientation of work not towards service. The managers must follow the work ethics at the workplace. According to the Gita, the managers must follow "yogah karmasu kausalam", where yogah means unchanging equipoise of mind, karmasu means works, and "Kausalam" means skill or technique of work. The most important principle emphasized by the Bhagvat Gita is that of "detachment" from the extrinsic rewards of work.

It has been reported by Business Week that 39% of U.S. investors keep on checking on the business practices, values and ethics of the companies, before investing in shares of the companies. In addition, the Trends Report has found that 75% of consumers switch to the companies associated with spiritualism and a noble cause in case the price and quality are nearly equal.

3 New Technique of the Mathematical Modeling of the Financial Resources

We present the mathematical modeling of the financial resources. Most of the techniques, as discussed in the literature, can be employed for this purpose, but these are quite complex. Here, we present a simple novel Technique, which is easier to use, and requires the wisdom and experience of the person evaluating the results; along with the experiments to be performed by framing some Questionnaires

FACULTYARTICLES

The proposed novel technique and the experiments to be performed by framing some Questionnaires are given below:

If n (1, 2, 3, n) is the number of cities, in which to open the institutes of learning, P_n is the population of the n th city, w_{int} the weightage of the interest in the spiritual learning (which can be empirically determined by putting some questionnaires), and C is the cost in making an institute corresponding to the particular combination, then the total budget of finances is determined by the following parameter

$$F = \sum_{n=1}^n n \cdot P_n \cdot w_{int} \cdot C \quad - (1)$$

It may be noted that F has to be determined by putting some questionnaires involving some questions. On the basis of these six questionnaires, we find that in the basis of the Eqn (1), we can determine six values of the Parameter as

$$F_{final} = \left\{ \frac{(F_1 + F_2 + F_3 + F_4 + F_5 + F_6)}{6} \right\} \quad - (2)$$

It has to be noted that these values of the parameter are obtained on the basis of empirical statistics, and their accuracy depends on adding (i) more key points in the questionnaires, and (ii) more persons for the questionnaires. Thus, it is clear that the steps for maximizing the growth of the institutes for spiritual learning are done by taking the following steps:

(i) Maximize F by comparing the various values of

$$\sum_{n=1}^n n \cdot P_n \cdot w_{int} \cdot C$$

(ii) Maximize F_1, F_2, F_3, F_4, F_5 , and F_6 ;

and

(iii) Maximize.

Another important point to be noted here is that, we have to decide whether F_{final} finances are to be used for all round growth area wise or population wise. Clearly the first choice is better, since the aim should be the growth in all parts of the country, and not where already the awareness is more, though in the second case, the returns of the finances will be lesser.

3 Conclusion

It is being realized that the Spiritualism, and more importantly Bhagavat Gita are very important not only for stress management for the managers and employees of the companies, but also for the economic growth of the big business houses.

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○

Stand up & Shine

-Shriya Kataria

B.A. LLB, 1st Year

They say what you sow,
shall you reap
But Ain't the justice
of the Karma too deep.
Is there any reward
for giving your best
Or the things we do is
just a litmus test.

Life may be unfair for some time
But then every cloud has a silver line.
Don't loose hope and keep moving on
As it's the darkest before the dawn.
Work hard and face the storm
As fortune only favours the strong.
Believe in Almighty he is there for all
Stand up and shine after every fall.



STUDENTARTICLE

MEHAK KHURANA

-BA (JMC) 1st Year, 2nd Shift

Courage in my eyes,
Confidence in my veins.
I stand strong from my side,
To remould this ugly frame.
Molestation, rape and
eve teasing are all its elements,
Changing this awful condition
now has become really relevant.
Seeing this grisly plight this mother earth yells,
And I wonder, "How can someone be so heartless"?
But sitting still and watching it get worsen is not my style,
I'm never gonna quit and will give it a tough fight.

अहिंसा का स्वरूप

अहिंसा मानवता का सर्वश्रेष्ठ लक्षण है। मानवाधिकार के सभी विषय अहिंसा पर ही अवलम्बित हैं। श्रीमद् भगवद्गीता में अहिंसा को दैवी सम्पदा के रूप में प्रतिपादित किया है और परमकल्याण का साधन माना गया है। गीता के शांकर भाष्य में अहिंसा का अर्थ किया है—अहिंसनं प्राणिना पीडावर्जनम् (गीता 16/2/शांकर भाष्य) स्मृतियों में अहिंसा को धर्म का एक विशिष्ट लक्षण स्वीकार किया है और पुराणों में परम लक्षण है। योग दर्शन का सूत्र है—अहिंसा सत्यास्तेय ब्रह्मचर्यापरिग्रहायमाः/2/30 अर्थात् अहिंसा, सत्य, अस्तेय (चोरी का अभाव) ब्रह्मचर्य—और अपरिग्रह (संग्रह का अभाव) यम है।

यमों का पालन किसी जाति विशेष, देश विशेष, काल विशेष या अवस्था विशेष के मनुष्यों के लिए ही नहीं अपितु भूमण्डल पर रहने वाली सारी मानवजाति के लिए पालन करने योग्य है। इसलिए यह सार्वभौम महाव्रत कहलाते हैं। संसार में फैली हुई अशान्ति के नाश का श्रेष्ठ उपाय यही है कि यमों का यथार्थरूप से परिपालन हो। यमों का मूल है अहिंसा। शरीर से, मन से अथवा वाणी से काम क्रोध, लोभ, मोह, भय आदि की मनोवृत्तियों के साथ किसी प्राणी को शारीरिक, मानसिक कष्ट पहुँचाना या पहुँचवाना या उसकी अनुमति देना या स्पष्ट अथवा अस्पष्ट रूप से उसका कारण बनना हिंसा है।

किसी प्राणी का प्राण हरण करना अथवा अन्य प्रकार से शारीरिक कष्ट पहुँचाना शारीरिक हिंसा है मन को क्लेश देना मानसिक हिंसा है और अन्तःकरण को मलिन करना आध्यात्मिक हिंसा है। जब कोई किसी प्राणी की हिंसा करता है तो हिंसा करने के साथ-साथ हिंसक अपनी आत्मिक हिंसा करता है, अर्थात् अपने अन्तःकरण को हिंसा के संस्कारों के मल से दूषित करता है। उपर्युक्त तीनों प्रकार की हिंसाओं में सबसे बड़ी हिंसा आध्यात्मिक हिंसा है। यजुर्वेद के चालीसवें अध्याय के एक मन्त्र में बतलाया है कि जो अन्तःकरण को मलिन करने वाले व्यक्ति हैं वे मृत्यु के अनन्तर ज्ञान रहित मूढ योनियों में जाते हैं।

मानसिक शक्ति सम्पन्न व्यक्ति को मानसिक बल से हिंसा को हटाना चाहिए। वाचिक तथा शारीरिक शक्ति सम्पन्न को जहाँ तक उनका अधिकार है उस सीमा तक उन शक्तियों को हिंसा रोकने में प्रयोग करना चाहिए। यदि कोई व्यक्ति आत्मा के कल्याणार्थ प्राप्त शरीर को हिंसा कर्म में लगाता है और किसी

प्रकार भी उसका सुधार असम्भव हो गया है तो उसको कठोर दण्ड देना हिंसा नहीं है। यह कार्य अहिंसा का रक्षक और पोषक होता है। जैसे वर्तमान काल में आतंकवादियों को कठोर से कठोर दण्ड देना अहिंसा व्रत को ही परिपुष्ट करता है। मानव धर्म के विरुद्ध हो रही आपराधिक वृत्तियों के शमन के लिए शस्त्र उठाना व्यक्ति का परम कर्तव्य बनता है। गीता का वचन है—धर्माद्धियुद्धाच्छ्रेयः गीता2/39।



आचार्य डीपी अर्याल

अपनी दुर्बलता के कारण भयभीत होकर अत्याचारियों का अत्याचार सहना, अपनी धन सम्पत्ति चोर, डाकुओं से हरण करवाना, अपने समक्ष अपने परिवार देश, समाज अथवा धर्म को दुर्जनों द्वारा अपमानित देखना अहिंसा नहीं है बल्कि हिंसा का पोषक है।

लुटेरे व्यक्ति मृत्यु के भय से मुक्त होकर निकलते हैं, जो व्यक्ति मृत्यु के भय से इनसे मुकाबला किये बिना अपना सर्वस्व इन्हें दे देते हैं वे उनके उत्साह को बढ़ाकर हिंसा में पाप के भागी बनते हैं।

यदि कोई व्यक्ति धर्मान्धता व पारिवारिक अथवा सामाजिक दबाव के कारण या भावावेश में आकर आत्महत्या करने जा रहा हो या अपने ही शरीर को कष्ट दे रहा हो तो भी देखने वालों की चुप्पी से दर्शक भी पाप के भागी होते हैं।

जो वीर पुरुष मृत्यु से अभय रूप आत्म बल और संगठन रूप शक्ति रखते हैं और संगठित होकर निर्भयता के साथ डाकुओं का मुकाबला करते हैं वे अपने प्राणों को खोकर भी उन अत्याचारियों के दूसरे स्थानों में डाका डालने के उत्साह और हिम्मत को कम करते हैं वे उनकी हिंसा को घटाकर अहिंसा रूपी पुण्य के भागी बनते हैं। यदि वे इस संग्राम में सफल होते हैं तो अपने धन और सम्पत्ति को भोगते हैं यदि बलिदान होते हैं तो पुण्य के भागी होते हैं।

इस वीरता के साथ-साथ उनमें संकीर्णता और स्वार्थ सिद्ध की भावना भी पनपने लगी उन्होंने उच्च संस्कार विमुख और गरीब जनता को उनके धार्मिक, सामाजिक नागरिक, राष्ट्रीय और आर्थिक अधिकारों से वंचित रखा। इसी भीतरी कमजोरी से

महात्मा गाँधी के 150वीं जयन्ती वर्ष पर विशेष

उनकी सैन्य शक्ति क्षीण हो गयी और यही परतन्त्रता का कारण बना। यदि वे इस स्वार्थमय संकीर्णता को त्यागकर भारतवर्ष की समग्र जनता को अपने जैसी शूरवीरता तथा धर्मप्रेम और देशभक्ति का पाठ पढ़ाते तो सम्भव है भारत कभी परतन्त्र ही ने होता। जो भूतकाल में हुआ उससे प्रेरणा लेकर अनेकों शूरवीरों के बलिदान से और अहिंसात्मक आन्दोलनों और हजारों देशभक्त शहीदों के बलिदान से जो स्वतन्त्रता मिली है उसके दो कारण हैं पहला कारण तो यह है कि स्वतन्त्रता सेनानियों ने संगठित रूप से शत्रुओं से लोहा लिया। स्वाधीनता प्राप्त करना ही उनका उद्देश्य था। महाभारत का वचन है-

अहिंसाऽसाधुहिंसेति श्रेयान्धर्म परिग्रहः।

अर्थात् असाधु यानि जो दुष्ट है, साधु (सरल) नहीं है जिनकी प्रकृति दूसरों का अधिकार छिनने की बन गई है उनको दण्डित करना, चाहे दण्ड में प्राण लेने का कार्य हो तो भी भारतीय धर्मशास्त्रों के अनुसार वह हिंसा नहीं है।

योग वसिष्ठ में भी कहा है-**स्वधर्मेण च हिंसैव महाकरुणया समा।**

अर्थात् स्वधर्मानुसार की गई हिंसा महती दया के समान है। यदि कोई राष्ट्र पराधीन होता है या किसी के अधिकारों को कोई छिनना चाहता है तो उससे मुकाबला करना ही उसका धर्म बनता है और स्वधर्मानुसार की गई हिंसा उसके प्रति की गई दया है क्योंकि उस दण्ड में उसमें सुधार होता है फिर उसमें व्यक्ति को पाप से बचाना ही दया है।

अर्थात् दूसरों के साथ व्यवहार करने में पहले यह भली प्रकार जाँच लो कि यदि तुम इनके स्थान पर होते और वे तुम्हारे स्थान पर तो तुम उनसे किस प्रकार का व्यवहार करना चाहते। बस वैसा ही तुम उनके साथ व्यवहार करो।

भारतीय दर्शन ने प्रत्येक मनुष्य को जीव मात्र की भलाई के लिए निरन्तर प्रार्थना करने की प्रेरणा दी है।

सर्वे भवन्तु सुखिनः सर्वे सन्तु निरामयाः।

सर्वे भद्राणि पश्यन्तु मा कश्चिद् दुःखमाप्नुयात्॥

महाराजा अग्रसेना टेक्निकल ऐजुकेशन सोसायटी के तत्वाधान में आचार्य डीपी अर्याल द्वारा MAIT के IX Block में श्री मद्भगवद गीता तथा संस्कृत व्याकरण की कक्षाएं ली जा रही है। यह कक्षाएं फ़ैकल्टी, स्टॉफ तथा विद्यार्थियों के लिए आयोजित की गई है। इच्छुक व्यक्ति इस सन्दर्भ में डॉ. वेदनाथ माथुर, HOD, Dept. of MAE से जानकारी ले सकते हैं।

बापू

-सुमित्रानंदन पंत

चरमोन्नत जग में जब कि आज विज्ञान ज्ञान, बहु भौतिक साधन, यंत्र यान, वैभव महान, सेवक हैं विद्युत वाष्प शक्ति धन बल नितान्त, फिर क्यों जग में उत्पीड़न? जीवन क्यों अशांत?

मानव ने पाई देश काल पर जय निश्चय, मानव के पास नहीं मानव का आज हृदय! चर्वित उसका विज्ञान ज्ञान वह नहीं पचित, भौतिक मद से मानव आत्मा हो गई विजित! है श्लाघ्य मनुज का भौतिक संचय का प्रयास, मानवी भावना का क्या पर उसमें विकास? चाहिये विश्व को आज भाव का नवोन्मेष, मानव उर में फिर मानवता का हो प्रवेश! बापू! तुम पर हैं आज लगे जग के लोचन, तुम खोल नहीं जाओगे मानव के बंधन?

Gandhi resisted evil with as much vigour and power as the violent resister, but he resisted with love instead of hate. True pacifism is not unrealistic submission to evil power. It is rather a courageous confrontation of evil by the power of love.

- Dr. Martin Luther King, Jr, American Baptist minister, and activist

I have the greatest admiration and respect for Mahatma Gandhi. He was a great human being with a deep understanding of human nature. He made every effort to encourage the full development of the positive aspects of the human potential and to reduce or restrain the negative. His life has inspired me ever since I was a small boy. Ahimsa or nonviolence is the powerful idea that Mahatma Gandhi made familiar throughout the world. But nonviolence does not mean the mere absence of violence. It is something more positive, more meaningful than that, for it depends wholly on the power of truth.

- Dalai Lama

I believe that Gandhi's views were the most enlightened of all the political men in our time. We should strive to do things in his spirit: not to use violence in fighting for our cause, but by non-participation in anything you believe is evil.

-Albert Einstein, Physicist

शहीद उधम सिंह

-श्याम लाल
सेवानिवृत्त

13 मार्च 1940 की उस शाम लंदन का कैक्सटन हॉल लोगों से खचाखच भरा हुआ था। मौका था ईस्ट इंडिया एसोसिएशन और रॉयल सेंट्रल एशियन सोसायटी की एक बैठक का। हॉल में बैठे कई भारतीयों में एक ऐसा भी था जिसके ओवरकोट में एक मोटी किताब थी। यह किताब एक खास मकसद के साथ यहाँ लाई गई थी। इसके भीतर के पन्नों को चतुराई से काटकर इसमें एक रिवाल्वर रख दिया गया था।

बैठक खत्म हुई। सब लोग अपनी-अपनी जगह से उठकर जाने लगे। इसी दौरान इस भारतीय ने वह किताब खोली और रिवाल्वर निकालकर बैठक के वक्ताओं में से एक माइकल ओ'ड्वायर पर फायर कर दिया। ड्वॉयर को दो गोलियाँ लगीं और पंजाब के इस पूर्व गवर्नर की मौके पर ही मौत हो गई। हाल में भगदड़ मच गई। लेकिन इस भारतीय ने भागने की कोशिश नहीं की। उसे गिरफ्तार कर लिया गया। ब्रिटेन में ही उस पर मुकदमा चला और 31 जुलाई 1940 को उसे फांसी हो गई। इस क्रांतिकारी का नाम उधम सिंह था।

इस गोलीकांड का बीज एक दूसरे गोलीकांड से पड़ा था। यह गोलीकांड 13 अप्रैल 1919 को अमृतसर के जलियाँवाला बाग में हुआ था। इस दिन अंग्रेज जनरल रेजिनाल्ड एडवार्ड हैरी डायर के हुकम पर इस बाग में इकट्ठा हुए हजारों लोगों पर गोलियों की बारिश कर दी गई थी। बाद में ब्रिटिश सरकार ने जो आँकड़े जारी किए उनके मुताबिक इस घटना में 370 लोग मारे गए थे और 1200 से ज्यादा घायल हुए थे। हालांकि इस आँकड़े को गलत बताते हुए बहुत से लोग मानते हैं कि जनरल डायर की अति ने कम से कम 1000 लोगों की जान ली। ड्वॉयर के पास तब पंजाब के गवर्नर का पद था और इस अधिकारी ने जनरल डायर की कार्रवाई का समर्थन किया था।

इतिहास के पन्नों में जिक्र मिलता है कि उधम सिंह भी उस दिन जलियाँवाला बाग में थे। उन्होंने तभी ठान लिया था कि इस नरसंहार का बदला लेना है। मिलते-जुलते नाम के कारण बहुत से लोग मानते हैं कि उधम सिंह ने जनरल डायर को मारा। लेकिन ऐसा नहीं था। इस गोलीकांड को अंजाम देने वाले जनरल डायर की 1927 में ही लकवे और कई दूसरी बीमारियों की

वजह से मौत हो चुकी थी। यही वजह है कि इतिहासकारों का एक वर्ग यह भी मानता है कि ड्वायर की हत्या के पीछे उधम सिंह का मकसद जलियाँवाला बाग का बदला लेना नहीं बल्कि ब्रिटिश सरकार को एक कड़ा संदेश देना और भारत में क्रांति भड़काना था।



गिरफ्तार होने के बाद उधम सिंह

उधम सिंह भगत सिंह से बहुत प्रभावित थे। दोनों दोस्त भी थे। एक चिट्ठी में उन्होंने भगत सिंह का जिक्र अपने प्यारे दोस्त की तरह किया है। भगत सिंह से उनकी पहली मुलाकात लाहौर जेल में हुई थी। इन दोनों क्रांतिकारियों की कहानी में बहुत दिलचस्प समानताएं दिखती हैं। दोनों का ताल्लुक पंजाब से था। दोनों हिंदू-मुस्लिम एकता के पैरोकार थे। दोनों की जिंदगी की दिशा तय करने में जलियाँवाला बाग कांड की बड़ी भूमिका रही। दोनों को लगभग एक जैसे मामले में सजा हुई। भगत सिंह की तरह उधम सिंह ने भी फांसी से पहले कोई धार्मिक ग्रंथ पढ़ने से इन्कार कर दिया था। उनके लिए मातृभूमि ही सबकुछ थी।

उधम सिंह का जन्म 26 दिसंबर 1899 को पंजाब में संगरूर जिले के सुनाम गाँव में हुआ था। बचपन में उनका नाम शेर सिंह रखा गया था। छोटी उम्र में ही माता-पिता का साया उठ जाने से उन्हें और उनके बड़े भाई मुक्तासिंह को अमृतसर के खालसा अनाथालय में शरण लेनी पड़ी। यहीं उन्हें उधम सिंह नाम मिला और उनके भाई को साधु सिंह। 1917 में साधु सिंह भी चल बसे। इन मुश्किलों ने उधम सिंह को दुखी तो किया, लेकिन उनकी हिम्मत और संघर्ष करने की ताकत भी बढ़ाई। 1919 में जब जलियाँवाला बाग कांड हुआ तो उन्होंने पढ़ाई जारी रखने के

साथ-साथ स्वतंत्रता आंदोलन में कूदने का फैसला कर लिया। तब तक वे मैट्रिक की परीक्षा पास कर चुके थे।

1924 में उधम सिंह गदर पार्टी से जुड़ गए। अमेरिका और कनाडा में रह रहे भारतीयों ने 1913 में इस पार्टी को भारत में क्रांति भड़काने के लिए बनाया था। क्रांति के लिए पैसा जुटाने के मकसद से उधम सिंह ने दक्षिण अफ्रीका, जिम्बाब्वे, ब्राजील और अमेरिका की यात्रा भी की। भगत सिंह के कहने के बाद वे 1927 में भारत लौट आए। अपने साथ वे 25 साथी, कई रिवाल्वर और गोला-बारूद भी लाए थे। जल्द ही अवैध हथियार और गदर पार्टी के प्रतिबंधित अखबार गदर की गूज रखने के लिए उन्हें गिरफ्तार कर लिया गया। उन पर मुकदमा चला और उन्हें पाँच साल जेल की सजा हुई।

जेल से छूटने के बाद भी पंजाब पुलिस उधम सिंह की कड़ी निगरानी कर रही थी। इसी दौरान वे कश्मीर गए और गायब हो गए। बाद में पता चला कि वे जर्मनी पहुँच चुके हैं। बाद में उधम सिंह लंदन जा पहुँचे। यहाँ उन्होंने ड्वॉयर की हत्या का बदला लेने की योजना को अंतिम रूप देना शुरू किया। उन्होंने किराए पर एक घर लिया। इधर-उधर घूमने के लिए उधम सिंह ने एक कार भी खरीदी। कुछ समय बाद उन्होंने छह गोलियों वाला एक रिवाल्वर भी हासिल कर लिया। अब उन्हें सही मौके का इंतजार था। इसी दौरान उन्हें 13 मार्च 1940 की बैठक और उसमें ड्वॉयर के आने की जानकारी हुई। वे वक्त से पहले ही कैक्सटन हाल पहुँच गए और मुफीद जगह पर बैठ गए। इसके बाद वही हुआ जिसका जिक्र लेख की शुरुआत में हुआ है।

उधम सिंह सर्व धर्म समभाव में यकीन रखते थे और इसीलिए उन्होंने अपना नाम बदलकर मोहम्मद आजाद सिंह रख लिया था जो तीन प्रमुख धर्मों का प्रतीक है। वे न सिर्फ इस नाम से चिट्ठियाँ लिखते थे बल्कि यह नाम उन्होंने अपनी कलाई पर भी गुदवा लिया था।

देश के बाहर फांसी पाने वाले उधम सिंह दूसरे क्रांतिकारी थे। उनसे पहले मदन लाल ढींगरा को कर्जन वाइली की हत्या के लिए साल 1909 में फांसी दी गई थी। संयोग देखिए कि 31 जुलाई को ही उधम सिंह को फांसी हुई थी और 1974 में इसी तारीख को ब्रिटेन ने इस क्रांतिकारी के अवशेष भारत को सौंपे। उधम सिंह की अस्थियाँ सम्मान सहित उनके गाँव लाई गईं जहाँ आज उनकी समाधि बनी हुई है।

<https://hindividya.com/udham-singh-biography/>

जलियाँवाला बाग में बसंत

-सुभद्रा कुमारी चौहान

यहाँ कोकिला नहीं, काग हैं, शोर मचाते,
काले काले कीट, भ्रमर का भ्रम उपजाते।
कलियाँ भी अधखिली, मिली हैं कंटक-कुल से,
वे पौधे, व पुष्प शुष्क हैं अथवा झुलसे।
परिमल-हीन पराग दाग सा बना पड़ा है,
हाँ! यह प्यारा बाग खून से सना पड़ा है।
ओ, प्रिय ऋतुराज! किन्तु धीरे से आना,
यह है शोक-स्थान यहाँ मत शोर मचाना।
वायु चले, पर मंद चाल से उसे चलाना,
दुःख की आहें संग उड़ा कर मत ले जाना।
कोकिल गावें, किन्तु राग रोने का गावें,
भ्रमर करें गुंजार कष्ट की कथा सुनावें।
लाना संग में पुष्प, न हों वे अधिक सजीले,
तो सुगंध भी मंद, ओस से कुछ कुछ गीले।
किन्तु न तुम उपहार भाव आ कर दिखलाना,
स्मृति में पूजा हेतु यहाँ थोड़े बिखराना।
कोमल बालक मरे यहाँ गोली खा कर,
कलियाँ उनके लिये गिराना थोड़ी ला कर।
आशाओं से भरे हृदय भी छिन्न हुए हैं,
अपने प्रिय परिवार देश से भिन्न हुए हैं।
कुछ कलियाँ अधखिली यहाँ इसलिए चढ़ाना,
कर के उनकी याद अश्रु के ओस बहाना।
तड़प तड़प कर वृद्ध मरे हैं गोली खा कर,
शुष्क पुष्प कुछ वहाँ गिरा देना तुम जा कर।
यह सब करना, किन्तु यहाँ मत शोर मचाना,
यह है शोक-स्थान बहुत धीरे से आना।

जागते रहना

-गिरिधर गोप

पहरुए जागते रहना!

वतन पर आज काली आँधियों की रात छायी है,
घटाएँ जो बमों को, गोलियों को साथ लायी है
कि जिसकी हर नजर विष से बुझी है, हर हँसी धोखा,
मरण के देवता के संग हुई जिसकी सगाई है।

पहरुए जागते रहना!

पड़ा फिर सरहदों पर दुश्मनों का आज डेरा है
तुम्हारी भूमि को फिर अजगरों ने आज घेरा है,
तुम्हारे स्वप्न तक इसका न खूनी हाथ बढ़ जाये,
अँधेरे में छिपा देखों खड़ा बर्बर लुटेरा है।

पहरुए जागते रहना!

कलों पर, कारखानों पर, फसल के मुख सलौने पर,
तुम्हारी माँ बहन पर, प्यार पर, शिशु के खिलौने पर,
तुम्हारे मन्दिरों पर, मस्जिदों पर, धर्मग्रन्थों पर, नजर इसकी
महावर पर, नजर इसकी दिठौने पर।

पहरुए जागते रहना!

तुम्हारे ही भरोसे हमने यह कुटिया बनायी है,
तुम्हारे ही भरोसे हमने यह बगिया उगायी है,
तुम्हारे ही भरोसे शत्रु को ललकारते हैं हम,
तुम्हीं पर आस पूरी कौम ने प्यारे लगायी है।
पहरुए जागते रहना।

MATES pays tribute to Pulwama attack Martyrs

Students, teachers, staff and trustees of Maharaja Agrasen Technical Education Society paid tribute to the martyrs of Pulwama on 19 Feb. 2019. The patriotic fervor amongst all the participants was all pervasive with fluttering of the tricolor, singing of patriotic songs and recitation of poems. Many renowned poets were invited to share their thoughts. Dr. Nand Kishore Garg, the Founder Chairman Maharaja Agrasen Technical Education Society announced a financial help of Rs.11 lakh to the family of the martyrs. It was also unanimously decided that all teachers and employees shall contribute a minimum of one day salary and trustees will contribute a minimum of .11,000 each, to the relief fund for the families of the martyrs. Students also desired to contribute towards this national cause. The management also decided to provide admission to the wards of martyrs in institutions under MATES without any fee.



The students held a road show in the memory of the martyrs.



Republic Day Celebration and a talk on National Integration by Retd. Maj. Gen. G. D. Bakshi





Spark The Change....

MAHARAJA AGRASEN UNIVERSITY

UGC Approved

Atal Shiksha Kunj, Kalujhanda, Baddi, Distt. Solan, Himachal Pradesh -174 103

Inaugurated on 25th May 2013 by

Shri Pranab Mukherjee

President of India



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