Contents:

Inaugural Ceremony of "Centre of Excellence" 1-2
Visit of delegates from Hunan University, China 3

Guest Lectures

"Recent Advances in Natural Gas, Biomass and Coal based Energy Systems" by Dr. B. V. Reddy, Professor, University of Ontario Institute of Technology (UOIT) Oshawa, Canada 4-5
"Computer Networks" by Dr. M. M. Alrayes, Libyan Embassy 6
"Application on Power Electronics and Drives Using MATLAB on Current Scenario" by Dr. Prerna Gaur, Professor in NSIT, New Delhi, EEE Department 7-8
"Big Data Analytics" by Mr. Ashutosh Agarwal, Founder of VcubeC Data Analytics, Noida 9
"Banking Sector Reforms in India" by Dr. Kanhaiya Singh, Professor, FORE School of Management, New Delhi 10
"Photovoltaic Module and its Application" by Dr. G. N. Tiwari, Professor-Center of Energy Studies, I.I.T Delhi 11-12
"Importance of Innovation & Product Development" by Mr. Vikas Jain, DGM Usha International, Gurgaon 13
"Computer Networks & Related Issues" by Dr. Rajesh Mishra, Professor, the School of ICT at Gautam Buddha University, Greater Noida 14-15
"Solar Energy Assessment and Application" by Dr. A. F. Sherwani, Jamia Millia Islamia, New Delhi 16
"Structural Analysis and Applications" by Dr. Raju Sarkar, D.T.U, New Delhi 17
"Entrepreneurship – The Next Wave" by Mr. Vipul Jain & Dr. Amit Mittal, Co-Founders Gabbit Systems 18
"Impact of CAD/CAM in Manufacturing and BIM" by Mr. Deepak Maini, Head of Technical and Manufacturing Solution, Cadgroup Ltd, Australia 19
### Conferences

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>First International Conference on Advancements and Recent Innovations in Mechanical, Production and Industrial Engineering (ARIMPIE 2015)</td>
<td>20-22</td>
</tr>
<tr>
<td>IEEE International Conference on Computer and Computational Sciences (ICCCS-2015)</td>
<td>26-27</td>
</tr>
</tbody>
</table>

### Workshops & FDPs

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop on MATLAB</td>
<td>28-29</td>
</tr>
<tr>
<td>Entrepreneurship Awareness Workshop sponsored by Department of Science &amp; Technology, Government of India, New Delhi</td>
<td>30-31</td>
</tr>
<tr>
<td>Workshop on “Software Testing”</td>
<td>32</td>
</tr>
<tr>
<td>Faculty Development Programme on “Composite Materials: Machining Issues and Technical Advancements”</td>
<td>33-34</td>
</tr>
</tbody>
</table>

### Industry- Institute Interface

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Visit to Air Traffic Control Department at Airport Authority of India, New Delhi for the Students of ECE third year</td>
<td>35</td>
</tr>
<tr>
<td>Industrial Visit to Mother Dairy, Patparganj – New Delhi for MBA First and Second year Students</td>
<td>36-37</td>
</tr>
</tbody>
</table>

### Inaugural Launch

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE MTTS Student Chapter</td>
<td>38</td>
</tr>
<tr>
<td>Software Testing Laboratory</td>
<td>39-40</td>
</tr>
<tr>
<td>Appreciation Certificate Distribution for Good Attendance Record</td>
<td>41</td>
</tr>
</tbody>
</table>

### Beyond Academics

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bidding Adieu–Farewell of Final year Students</td>
<td>42-45</td>
</tr>
<tr>
<td>Web-War “ICCCS-2016 Best Website Competition”</td>
<td>46</td>
</tr>
<tr>
<td>Skill Development through Group Presentation: A Competition</td>
<td>47-48</td>
</tr>
<tr>
<td>Case Study Competition</td>
<td>49</td>
</tr>
<tr>
<td>Techtonic 2015</td>
<td>50</td>
</tr>
<tr>
<td>Alumni Meet ‘Sankalan’</td>
<td>51-52</td>
</tr>
<tr>
<td>Annual Fest “Udghosh 2015”</td>
<td>53-56</td>
</tr>
<tr>
<td>Mech-Tech Quiz</td>
<td>57</td>
</tr>
<tr>
<td>Elektrovision</td>
<td>58</td>
</tr>
<tr>
<td>Celebration of Good Governance Day with Speech Competition ‘Bhaashan Shailee’</td>
<td>59</td>
</tr>
<tr>
<td>Quizmania</td>
<td>60</td>
</tr>
<tr>
<td>Appreciation Certificate Distribution for Good Attendance Record</td>
<td>61</td>
</tr>
<tr>
<td>Faculty Contributions</td>
<td>62-64</td>
</tr>
<tr>
<td>Students’ Achievements</td>
<td>65</td>
</tr>
</tbody>
</table>
Inaugural Ceremony of "Centre of Excellence"

Centre of Excellence (COE) was inaugurated by Honorable Chief Guest Dr Shivakant Ojha, Cabinet Minister, Technical Education, Government of U.P on 21 May 2015. The COE is a major industry-academia centre made with the objective of bringing together researchers, developers and practitioners from academia and industry working in different areas of technology achieving vision & mission of ITS Group. In COE, the College has already initiated, under SOPAN with Syscom Morpho, Apple Software Testing Lab with ITB (Indian Testing Board) and SALT, SMC, National Instruments and Rockwell Automation. On this occasion, our Honorable Chief Guest Dr Shivakant Ojha, Cabinet Minister, Technical Education, Government of U.P was welcomed with a bouquet of flowers presented by Dr R. P. Chadha, Chairman, I.T.S Group. The inauguration of COE started with Ribbon Cutting and lighting of lamps by the Chief Guest Dr Ojha who was accompanied by Dr R. P. Chadda, Chairman, ITS Group, Mr Sohil Chadda, Vice Chairman, ITS Group, Secretary Mr Bhushan Arora, Mr Surender Sood, Chief Administrator, I.T.S Group and Dr Vineet Kansal, Director, ITS Engineering college. In his welcome speech Mr Surender Sood apprised the audience about various accomplishments of honorable Chief Guest.

Then, Dr Vineet Kansal expressed how his thought changed into action for the development of Centre of Excellence with the support of ITS group. He stated that in today’s time, to get placed in industry, students should possess additional abilities like Software development and skill development along with university prescribed curriculum in various technical fields, which can only be accomplished by industry academia connect through interdisciplinary approach. He mentioned about contributions of Mr Vipul Kochar, Chairman, ITB for training students in software and application testing, Mr Vikas Phoghat, GM, Syscom for training students in writing OS for Smartcards. Dr Kansal further told that ITS Engineering College has already signed an MOU with Apple for training students in iOS for i-Phone and i-Pad. He also mentioned about Mr R. Subramaniam, Rockwell, Mr Lalit Awasthi from SMC and Mr Arpit Poarwal from National Instruments. He mentioned that ITS group continuously makes efforts to provide students with latest information in their respective fields.

After this, there were speeches by corporate representatives who shared their views and appreciated Dr Kansal and ITS group for taking such an initiative by creating Centre of Excellence. Chief Guest Dr Shiva Kant Ojha delivered a speech in which he appreciated efforts made by ITS group in right direction and talked about our education system and told that polytechnic syllabus is going to change to suit industry requirement shortly. He also told that Board of Studies will meet
industry people after every 6 months to judge industry requirements and will make changes to the syllabus of B. Tech. accordingly. After the Speeches, mementos were presented by Dr Vineet Kansal to our Chief Guest Dr Shiva Kant Ojha and Other company representatives. The ISTQB certificates and SALT certificates were awarded to the qualified trained students by hands of Hon’ble Chief Guest. Finally, Dr Gagandeep Arora, Dean Academics, Extended vote of thanks to the Chief Guest, various eminent academicians and Company Representatives for sparing their valuable time from their busy Schedule. He also thanked Dr Kansal, HODs of various departments, faculty colleagues, Staff and other people for their continuous efforts to make this inauguration event a successful one.
Visit of Delegates from Hunan University, China

International guests from Hunan University, China - Mr Cao Yijia, VP, Hunan University, Mr Yu Dejie, Professor, College of Mechanical and Automobile Engineering, Mr Luo Jiawei, Professor, College of Computer Science and Electronic Engineering, Mr Xie Jun, Director, Centre of International Studies, Mr Zhou Kai, Section Head, Centre of International Studies visited ITS Engineering College, on 15th May, 2015. Guests were welcomed by the Director, Dr. Vineet Kansal and Heads of various departments. Mr Cao Yijia, VP, Hunan University briefs about the various academic endeavors and research facilities available in their university. He also briefs about the possibilities of students and faculty exchange among both the institutes. Dr. Kansal briefed about the history of the institute and various academic initiatives taken up. Also, heads informed about their departments’ specialization areas, projects, courses etc. The discussion was followed by a visit of the departments, laboratories and campus. The representatives of ITSEC and HU had finally signed up an MoU for students & faculty exchange, joint research and sponsorship of conferences/
Guest Lectures

“Recent Advances in Natural Gas, Biomass and Coal based Energy Systems” Dr B. V. Reddy, University of Ontario Institute of Technology (UOIT) Oshawa, Canada

Department of Mechanical Engineering has organized a guest lecture on “Recent Advances in Natural Gas, Biomass and Coal based Energy Systems” by inviting Dr B. V. Reddy, Professor and Chair Department of Automotive, Mechanical and Manufacturing Engineering, University of Ontario Institute of Technology (UOIT) Oshawa, ON, Canada on 17 April, 2015. The lecture was attended by Dr Sanjay Yadav, Head, ME Dept, Dr Vikas Dhawan, Dr B. P. Sharma, Dr Sanjay Mishra, Mr Arvind Tiwari, Mr Md. Kamal Asif Khan, Mr Manvendra Yadav and other faculty members and students of the department.

Dr B. V. Reddy elaborated about importance of non-conventional energy resources in the wide industrial applications. On the whole, Dr B. V. Reddy demonstrated that the global energy demand is growing due to economic development in many countries and this has to be met with reduced pollutants and greenhouse gas emissions. Natural gas, biomass and coal based power generation systems are contributing significant share in the total electric power generated in many countries. Natural gas fired combined cycle power generation systems are very popular due to high plant efficiency. Integrated coal gasification combined cycle power generation systems are also in use due to increased power generation efficiency and reduced emissions. In the presentation the advances and developments in natural gas, biomass and coal based power generation systems have been discussed. Unlike the first law of thermodynamics which talks about energy balance for components or for the whole system, the second law provides insight into the performance of the energy system components and the whole energy system with quality point of view by analyzing the irreversibility and the performance with operating conditions. The role of energy analysis for power generation systems has also been discussed. Dr. Reddy stated that in order to meet the growing demand for more flexibility the industries and academia required trained people from these areas for research and development. He suggested the gathered faculty members and students to adopt an interdisciplinary approach for solving the actual need of the modern research scenario. The lecture was extremely useful for both the students and faculty members.
“Computer Networks by Dr M. M. Alrayes, Libyan Embassy”

Computer Science and Engineering Department of the College organized a Guest Lecture on the topic “Computer Networks” by Dr M. M. Alrayes, Software Developer at Libyan Embassy for the students of 3rd year CSE & IT on 15 April 2015.

The welcome address was given by Ms Bhawna Gupta who briefed about Dr Alrayes who is at present working as a software developer in Libyan Embassy. Dr Alrayes received his Masters from Jamia Hamdard and subsequently his doctorate degree from MNNIT, Allahabad and has rich experience of about 15 years in various organizations of Libya and India.

Dr Alrayes initiated the talk by explaining his contribution in the Field of Computer networks and Wireless networks.

His lecture specifically emphasized on the differences between Mesh and Ad-hoc Networks and Sensor Networks. Being a researcher and Software developer, he explained about research issues like Scalability and Crossover in area of wireless mesh networks. He also explained about various application scenarios like Enterprise networks, Transportation system, Health & Medical systems and MANs. Finally, Dr Shailesh Tiwari, HOD-CSE gave a Vote of thanks and token of appreciation to Dr Alrayes.
“Application on Power Electronics and Drives Using MATLAB on Current Scenario” by Dr Prerna Gaur, Professor- NSIT, New Delhi

EEE Dept of the College organized a guest lecture on “Application on Power Electronics and Drives Using MATLAB on Current Scenario” by Dr Prerna Gaur, Professor- NSIT, New Delhi, on 13 April 2015.

The program was inaugurated by HOD (EEE deptt.) followed by welcome speech which briefed about the guest, Dr Prerna Gaur, who is working as Professor in NSIT, New Delhi, Electrical Engineering Department.

Dr Prerna Gaur had delivered a well appreciated lecture on scope and opportunities in power electronics and drives in current scenario. After discussing about the power electronics and drives, she explained the practical applications in industries and gave the MATLAB experimental model so that students become aware of the growing opportunity in this area. In addition to this she had elucidated the scopes of different engineering branch in power electronics and drives. The success & effectiveness of the program was appreciated by the audience. This is an immense pleasure for the department to take an initiative to explore its viability & challenges that needs to be faced to come out with the success of Power electronics and Drives. Finally program was concluded with a vote of thanks.

The event was attended by IEEE student members and IEEE professional members along with all students of Electrical and Electronics branch and faculty members. This event was coordinated by Mr L. Navinkumar Rao (EEE) and Mr Noorul Islam (EEE).
Department of Computer Science and Engineering, organized a Guest Lecture on “Big Data Analytics” for the students of 3rd year CSE & IT by Mr Ashutosh Agarwal, founder of VcubeC Data Analytics, Noida on 10 April 2015.

In the opening of the program, audience was briefed about Mr Ashutosh Agarwal. He is presently working as a Founder/ Principal Consultant in VcubeC Data Analytics, Noida. He has rich experience of about 15 years in Enterprise Software product development and has worked in various organizations like MarkLogic, GlobalLogic, Patni Computer Services and Innodata as Technical head.

The talk was initiated by Honorable guest Mr Ashutosh Agarwal explaining his contribution in the Field of Big Data Technologies and Predictive Analysis. He explained about Big Data Generation or information explosion and its sources / reasons. Then he elaborated on properties of Big Data & discussed about structured and unstructured data and how to handle unstructured data. Finally, he emphasized on the need of learning various Tools/skills like Hadoop and Python for handling Big Data. Being a Consultant working in the area of Big Data Technologies and predictive analysis, he cited some of the issues and challenges in area of Big Data Analysis, which can be taken up in the Software product development.

All the B.Tech 3rd year students of CSE / IT branches and faculty attended the lecture. Finally, the HOD-CSE, gave a Vote of Thanks Speech and Token of Appreciation to Mr Agarwal.
“Banking Sector Reforms in India” by Dr Kanhaiya Singh, Professor, FORE School of Management, New Delhi

MBA Department, I.T.S Engineering College organized Guest lecture on the topic ‘Banking Sector reforms in India’ by Professor (Dr) Kanaiya Singh on 10 April 2015. Dr Singh is currently working as Professor (Finance), FORE School of Management, New Delhi. He is a Post Graduate in Commerce as well as Economics and Ph.D in Commerce. He possesses nearly three decades experience in Banking and financial services sector in India’s leading public sector Bank. His accomplishments includes Bank branch operations including heading of a rural branch, Consumer banking Division, Bank Economist at its Corporate Office, Economic Research, operational cost studies, monitoring and evaluation studies of different credit programs, Credit appraisal and management, Director- Rural development and Self Employment Training Institute, Corporate planning and Budgeting – formulation and implementation, Security research and analysis, conduct of in-depth research studies on various schemes and credit programs on rural credit. He has to his credit more than 10 books in the area of Banking and Finance. He has more than 80 papers publishes in leading financial papers, research journals and books.

He addressed about the various reforms in Indian Banking Sector and its impact on Indian economy. The entire programme was very interactive and very interesting. The students enjoyed and got valuable inputs on the subject of banking industry. In brief the programme was educative for the entire audience.

All the faculties and students of MBA & other branches attended the program. Prof Ankur Srivastava coordinated the program.
“Photovoltaic Module and its Application” by Dr G.N. Tiwari, Professor-Center of Energy Studies, I.I.T Delhi

ECE department organized the guest lecture on “Photovoltaic Module and its Application” by Dr G.N. Tiwari, Professor-Center of Energy Studies, I.I.T Delhi on 9 April 2015. The program started in the esteemed presence of Dr Lokesh Bansal- HOD ECE and all faculty members of Electronics and Communication Engineering Department. In his welcome speech, Dr Bansal gave a brief introduction of Dr G.N. Tiwari and his achievements along with his research works.

Dr Tiwari elaborated that how solar energy is created by photovoltaic module and how it can be useful in different sectors of industries. He spoke about the conventional PV junction cell working and its principle. He said that solar energy by photovoltaic cell is completely natural, versatile and it is considered a clean energy source. It does not disrupt the environment or create a threat to Eco-systems like the oil and some other energy sources do. It does not cause greenhouse gases, air or water pollution. Solar energy cells can be used to produce the power for a calculator or a watch. He also explained the root-level concepts of semiconductor electronics used in PV cell, its structure and power generation. He emphasized on the methods of production of solar energy in different ways and its application in agriculture, water heater, crop harvesting, electricity generation etc.. He said that in India MNRE (Ministry of Non-Renewable Energy) emphasizes on the solar energy scope and launched different projects like Rajiv Gandhi Solar Mission. He explained the energy production methods in different states of India by Solar Photovoltaic cell especially in Gujarat and Rajasthan. He spoke on the various applications of Photovoltaic Modules in different sectors like automobile, aeronautics, electronics equipments etc.

Finally, Mr Prabhakar Sharma thanked Dr Tiwari for sparing time and providing valuable guidelines to the students.
“Importance of Innovation & Product Development” by Mr Vikas Jain, DGM Usha International, Gurgaon

Department of Mechanical Engineering organized guest lecture on “Importance of Innovation & Product Development” by inviting Mr Vikas Jain, DGM Usha International, Gurgaon, Haryana on 3 April 2015. The Head of Mechanical Department Dr Sanjay Yadav were present along with other faculty members and students.

Mr. Jain elaborated that new innovations or entirely new goods are essential components of business success. "Innovate or die" is the new mantra of both small and large business because the increasingly savvy consumers demand the newest and the best products. He elaborated that due to increased demand of customized products and shortening of product life cycle in the market, the new generation of mechanical graduates should possess knowledge about 3D CAD modeling, rapid prototyping and tooling. He explained that determining important processes in the product development and determining their relationships with organizational capability are crucial for the success in product development. He concluded that due to intense global competition, rapid technology change and shifting patterns of world market, the companies are continually investing in New Product Development and our mechanical engineering students should explore new avenues of career prospects in these emerging areas. In this background, the importance of being innovative in designing new products and its development was explained. It was told that being innovative is not only necessary to meet the customer demands but at the same time it also helps in meeting the ever changing demands of environmental norms and judicious use of fast depleting resources.
“Computer Networks & Related Issues” by Dr Rajesh Mishra, Professor, the School of ICT at Gautam Buddha University, Greater Noida

A guest lecture on “Computer Networks and Related Issues” by Dr Rajesh Mishra was organized on 25 Mar 2015 by CSE & IT Dept of the College.

Dr Rajesh Mishra, renowned Professor in the School of ICT at Gautam Buddha University Greater Noida, received his M.Tech in Reliability Engineering and subsequently the doctorate in Network Reliability Engineering from IIT, Kharagpur. He is a lifetime member of international association of Computer Science and Information Technology, Singapore and published a number of papers on reliability management, wireless ad-hoc and sensor networks and other areas in international conferences.

In his talk, Dr Rajesh Mishra explained his contribution in the field of reliability and safety analysis such as PHA, FMECA, FTA, RBD.

Dr Mishra’s lecture specifically emphasized on the research in area of Computer Networks. Being a researcher working in the area of Network Reliability Evaluation and Topological Design of various Communication Systems, he cited some of the issues and challenges on the Computer Communication and Networking, which can be taken as a starting step in the research.

The speaker has explained how the compromised nodes plant an attack in the network by manipulating the data packets received from the network and various malicious acts performed so as to paralyze the network. He also explained the requirement and formation of ad-hoc networks taking example of moving train. He also emphasized on skills required for employment.

The speaker has also discussed the various scenarios relating to the transmission of the messages securely between two non compromised nodes in the presence of compromised node in the wireless sensor networks.

Finally, Dr Shailesh Tiwari, HOD-CSE gave Vote of Thanks Speech and a token of appreciation to Dr Mishra.
“Solar Energy Assessment and Application” by Dr A. F. Sherwani, Jamia Millia Islamia, New Delhi

The Department of Mechanical Engineering organized a guest lecture on the topic “Solar Energy Assessment and Application” by inviting Dr A. F Sherwani from Mechanical Engineering Department of Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi on 20 Mar 2015. The lecture proposed was meant for motivating the students of the department to undertake some research oriented project work in solar technology and meet the demands of non-conventional and renewable energy resources sector. The lecture was attended by the students of Mechanical Engineering 3rd and 4th year in good strength. Faculty members attending the lecture included Dr Sanjay Yadav, Mr Md. Kamal Asif Khan, Dr Vikas Dhawan, Mr Naman Agrawal, Mr Harsh Gupta and others. Dr Sherwani introduced the basic underlying concepts in the use of solar energy and it’s harnessing by the means of photovoltaic cells. Moving ahead, the different technological advancements and related research gaps were presented before the audience. He also discussed the different power outputs of using multiple varieties of cells and their utility in different zones of the country. As a case study, the matter of some solar energy power plants across the country such as in Gujarat, Rajasthan and Delhi were presented in a comparative manner. This comparative presentation highlighted the shortcomings and advancements in the solar technology that is being used as now. A discussion of research gap motivated the students to put forward their queries to the speaker that were answered with satisfaction to their best. The discussion also resulted in proposing some innovative ideas from the students such as using a secondary reflector to harness the pre-reflected sun beam in a better way and thus reducing the area requirement. The event as a whole has been a great success as it was able to motivate the students to think in that direction and undertake some challenges of that area.
“Structural Analysis and Applications” by Dr Raju Sarkar, Assistant Professor, D.T.U

Dr Raju Sarkar, Assistant Professor, Civil Engineering Department, D.T.U, Delhi delivered lecture on Structural Analysis and Applications on 20 Mar 2015. He explained about various types of end supports and loading conditions on the beam/member of the structure. He also talked about a special type of Structure i.e., Arches in reference to the syllabus of Civil Engineering 4th semester, UPTU. He discussed different steps involved in the analysis of Arches and Three hinged arches. He demonstrated solution of one numerical problem to clarify more the analysis of three hinged arches.

He gave exposure to students about ongoing researches on different types of structures and motivated them to join the research projects ongoing in different reputed institutes. Students learnt about analysis of Arch- an important type of structure in CE and became aware about different load conditions and SFD, BMD of arches. Many of them shown their interest towards research projects in different fields and given their name to be associated in research publications and projects.
“Entrepreneurship – The Next Wave” by Mr Vipul Jain & Dr Amit Mittal, Co-Founders Gabbit Systems

A guest lecture was organized by the Entrepreneurship Development Cell of ITSEC on the topic “Entrepreneurship – The Next Wave” on 13 Mar 2015 for the students of CSE/IT third year and final year.

The guest speakers were Mr Vipul Jain & Dr Amit Mittal, Co-Founders Gabbit Systems. This lecture was scheduled to motivate and to sensitize the students towards Entrepreneurship. This was a kind of lecture cum interactive session among the speakers and the students. Mr. Vipul Jain gave the insights of the Entrepreneurship and explained the attributes required in a person to be an entrepreneur. Later on Dr Amit Mittal took the charge and interacted with the participants in a very friendly manner. Many students involved actively in this session. All the participants were very energetic and excited during the lecture. At the end of the session many questions were asked by the students and got their answers respectively from the speakers.

In the end, Dr Ashish Kumar gave vote of thanks and a token of gratitude to the speakers.
Department of Mechanical Engineering organized an expert lecture on “Impact of CAD/CAM in Manufacturing and BIM” by inviting Mr Deepak Maini, Head of Technical and Manufacturing Solution, Cadgroup Ltd, Australia on January 6, 2015. On this occasion, Director of the Institute Dr Vineet Kansal, Prof Sanjay Yadav, HOD ME Deptt were present along with Dr Sanjay Mishra and Mr Manvendra Yadav.

The invited speaker elaborated that with the rapid development of manufacturing and computer technology there are growing concerns on shortening the machining production period and enhancing the manufacturing quality. He explains in detail how manufacturing simulation using powerful CAD/CAM tools seek to create virtual manufacturing environment. Many uncertainties which may result in time delay, rework or production of defective parts can be eliminated through these simulations. Smart CAD/CAM technologies for superior product modeling in the intelligence of designing complete product variants will become more and more pertinent in future.

He also deliberated that with Building Information Modeling (BIM) becoming mandatory for use in major construction projects; it is all the more important to be sure that stakeholders coordinate their designs regularly. He stressed the need to focus on BIM collaboration and coordination using BIM 360 Glue software, which delivers digital information across the project lifecycle to project stakeholders through cloud services delivered by Autodesk, Inc. He informs that how the extended project team can better coordinate and communicate to review the latest project models and run clashes in real time, thus improving the entire collaboration process and saving money.
Conferences

First International Conference on Advancements and Recent Innovations in Mechanical, Production and Industrial Engineering

The Department of Mechanical Engineering successfully organized its first International Conference on “Advancements and Recent Innovations in Mechanical, Production and Industrial Engineering” ARIMPIE-2015 during April 10-11, 2015 in technical collaboration with Indian Society for Technical Education, (ISTA) New Delhi. The conference was inaugurated in the Sardar Patel Auditorium. The Chief Guest of the inauguration ceremony was Mr James Park, Vice President, Majestic Auto Ltd. The ceremony was marked by the presence of patron of the conference, Mr Sohil Chaddha, Director of the institute, Dr Vineet Kansal, Conference Chair, Dr. Sanjay Yadav, distinguished keynote speakers from academia and industry, delegate from industries and academic institutes, conference organizing committee members, respective faculty members, staff and students of the institute. The objective of the conference was to provide a common platform for the panel discussion and interaction of the academia and industry including personnel from research and development organization on the recent advancements and innovations achieved in Mechanical, Production and Industrial engineering areas. The inaugural session began with the lamp lighting and Saraswati Vandana. Conference Chair, Dr Sanjay Yadav described the basic purpose for hosting the conference. Dr Yadav pointed that there is an urgent need of pursuing advanced and innovative research in the field of Mechanical Engineering and its allied branches as it is one of the most versatile and vibrant department that affects the life of the people at different stages. Institute Director, Dr Vineet Kansal addressed the gathering emphasizing on the need to have such events and describing its relevance to the researchers in academics and its mutual relation in industry. He pointed that in India we have an addition of around two million engineering graduates every year and conferences like this play an important role in making them learn new things. The Chief Guest of the conference Mr James Park from Hero Majestic Auto Ltd. shared his experiences in India as different from Korea. He described the need of making better innovations and making the things more user friendly. Mr P.K Sood, National Head (Sales) from SMC Pneumatic (India) Pvt. Ltd. also expressed his views on this occasion. Keynote speaker Prof Raghu Echampati (Kettering University, USA) discussed the need of organizing such events and admitted that interaction of industry with academics is very important in obtaining an overall growth of both the sectors. Prof Echempati delivered his keynote speech on thin sheet forming used in modern manufacturing industries. Second keynote speaker Prof Vinod Yadava from Motilal Nehru National Institute of Technology Allahabad described in detail about the aspects of various hybrid machining processes with their relative merits and demerits. Mr Reetesh Mohan from Studio NPD, Noida delivered an informative speech about the scope of product design and development in the modern manufacturing industries.
After keynote session, two parallel technical sessions were held. Participants from different parts of the India delivered their presentations of 10 minutes duration. The session of Production and Industrial Engineering was chaired by Dr Vijay Pandey and Dr Sanjay Kumar Jha from BIT Mesra, Ranchi. The second technical session in which topics related to Mechanical Engineering were covered was chaired by Prof Raghu Echempati and Prof Vinod Yadava. In these sessions papers from foreign university, IITs, NITs and several other private universities /institute were presented. The quality of paper in both the sessions was highly appreciated by the session chair. The second day of the conference began with keynote speech of Dr Siddhartha from NIT Hamirpur. He delivered his talk on a modified approach for better prediction of erosion wear of materials. The focus of the talk was on analytical analysis and modeling for erosion of the surface. Dr. Sanjay Yadav, Principal Scientist, CSIR, National Physical Laboratory, New Delhi emphasized the need of calibration and testing in industries during his speech. He also elaborated the process of setting standards for measuring high pressure and low pressure in Industries. Mr. Lalit Awasthi from SMC Pneumatic (India) Pvt. Ltd also delivered a brief speech on role of automation in current scenario and how pneumatics helps to achieve automation in these industries. Two separate technical sessions were again held on second day and participants from across the country presented their paper on their respective topics. At the end of technical session certificates were distributed to the participants by the Director Dr Vineet Kansal and the invited dignitaries. The conference was highly appreciated by the key note speakers and participants in terms of paper quality. The effort of the organizing committee to provide google indexing for the published papers was highly acknowledged by the contributing authors. The provision of sending selected papers for Journal Publication was also big motivating factor for contributing authors. The key note speakers and delegate applauded the effort of college management for assisting, motivating and disseminating the culture of research and development through such type of conference which not only build the brand of I.T.S among the scientific community but also creates a conducive environment across the country for sharing technical and scientific knowledge. The college infrastructure and hospitality provided by I.T.S was appreciated by all the participants.

Electronics & Communication Engineering Department and Electrical & Electronics Engineering Department, of the College has organized a two-day 2nd National Conference on “Recent Advances in Communication, Electronics and Electrical Engineering” (RACE-2015) on March 27-28 2015. The objective of this conference was to bring in focus the recent advancements in the field of Communication Engineering, Signal Processing, Microwave Engineering, Power System, Control Engineering, Neural Networks etc. The conference will provide an exceptional platform to researchers to meet & discuss the practical solutions, scientific results and methods in solving various problems with peoples who are actively involved in these emerging fields.

The Chief Guest and Guest of Honour for the inaugural ceremony were Prof P. C. Pant, Director, Solar Engineering Center, Ministry of New Renewable Engineering, New Delhi and Dr Asheesh Kumar Singh, Associate Professor, Electrical Engineering Department, MNIT, Allahabad respectively. Other dignitaries present were Prof K. P. S. Rana- NSIT, New Delhi, Prof S. N. Singh IIT Delhi, Prof Anwar Siddiqui, Jamia Millia Islamia, New Delhi, Dr Vineet Kansal, Director- ITS Engineering College, HODs of various departments & faculty members of renowned Engineering Colleges.

The inaugural function was followed by the welcome address and a brief introduction about RACE-2015 by Dr Vinay Kakkar, HOD-EEE. After the welcome address, honorable Director Dr Vineet Kansal addressed the gathering. He emphasized on such type of conferences as they help in the overall growth of the students and research scholars involved in the field of Communication, Electronics and Electrical engineering.

Dr P. C. Pant, who has specialized in the field of renewable energy, in his address briefed about the state-of-the-art Battery Test Facility, SPV Training Laboratory and SPV System Design Facility at MNRE, New Delhi. He is presently steering the programme of Human Resource Development and Innovative Projects in Ministry of New and Renewable Energy. He is involved in Battery testing (R&D), HRD & Training including ITEC Innovation Centre, Vigilance, Lokpal and Lokayukt. After this, the proceedings of RACE-2015 were released by all the dignitaries followed by vote of thanks by Dr Lokesh Bansal. Thereafter, lectures were delivered by Prof S. N. Singh, Prof K. P. S. Rana, Dr Asheesh Kr Singh and Prof Anwar Siddiqui. In this conference, more than 100 papers from all over India were received, out of which 53 papers were shortlisted. There were six technical sessions, each including 10 papers.
Papers of the conference will be published in International Journal of Advances in Engineering Science and Technology & International Journal of Science and Engineering. Technical associates and sponsors of the conference were IEEE, ISTE, Rockwell Automation, and CETPA. In the end valedictory function was held in which all the participants who have presented their papers were felicitated and they were presented with certificate of appreciation.
Department of CSE has organized an IEEE International Conference on Computer and Computational Sciences (ICCCS-2015) from January 27-29, 2015.

For the conference around 200 papers were received from India and abroad (from countries like USA, China, Australia, Malaysia, Pakistan, etc). Out of the selected papers, 60 were registered for presentation (of which 65% are from foreign countries and 35% are from India).

In the conference, Prof Saman Halgamuge from University of Melbourne, Australia and Mr Ganesh Sahai, Founder Whiztrain, India were invited as Keynote speakers for inaugural session and Dr Mukesh Mohania, IBM Research, India and Mr Mritunjay Singh, CTO and Co-founder, Spexy for tutorial sessions.

Prof Saman Halgamuge was welcomed by Mr Arpit Chadda Vice Chairman, I.T.S-The Education Group and Mr Ganesh Sahai, Founder Whiztrain, India by Dr Shailesh Tiwari, HOD-CSE respectively which was followed by a welcome speech by Dr Vineet Kansal, Director of the Institute.

The conference was inaugurated by Prof Saman Halgamuge who is one of the renowned Professor in the Department of Mechanical Engineering at University of Melbourne, Australia and also the Associate Dean (International) of Melbourne School of Engineering. He talked at large about Nature-inspired Pattern Recognition, Big Data Analysis and pattern Recognition in Biology, Supervised and Unsupervised learning.

Mr Ganesh Sahai talked at large about Software Testing Context, starting with need of testing taking examples of failures of Titanic, Challenger, Ariane and RBS. After their Speeches, mementos were presented by Dr Vineet Kansal to Prof Halgamuge and Mr Sahai. Then the proceeding of the conference was released by eminent Professors Dr A.K. Mishra, MNIT, Allahabad and Dr N. K. Verma, IIT, Kanpur. After the inaugural speeches, Mr Mritunjay Kumar Singh started the 1st tutorial session by giving overview about Web development, Desktop development, followed by elaborated discussion about Android application Development with practical example.

On 27 Jan, 2nd tutorial session (Post lunch) was taken by Dr Mukesh Mohantia from IBM Research who talked at large about Information integration and Data Mining. On second day of ICCCS-2015 i.e. on 28 Jan, the 1st and 2nd technical session started by paper presentation by various renowned authors from various countries with eminent Professors Dr R. K. Singh and Dr A. K. Mishra from MNIT, Allahabad as Session Chair and Dr Leena Arya and Dr Sanjay Mishra from ITSEC, Greater Noida as Session Co-Chair respectively. 3rd and 4th technical session(Post lunch) started by paper presentation by various renowned authors from various countries with eminent Professors Dr Parmanand from Galgotia University, Greater Noida and Dr Vivek Kumar from DCTM, Haryana as Session Chair and Dr Ashish Kumar and Dr Gagandeep Arora from ITSEC, Greater Noida as Session Co-Chair respectively. Then, the authors were congratulated and awarded certificates by
Session Chairs. Finally, Dr Shailesh Tiwari, closed the conference with Token of Appreciation and Vote of Thanks to eminent Dignitaries, Faculty Members of CSE/IT Department and various student volunteers for putting in their hard work towards the grand success of the ICCCS-2015.
**Workshops & FDP**

**Workshop on MATLAB**

On 21 April 2015, a Workshop on “MATLAB” has been organized under the banner of IEEE student branch Chapter ‘Power and Energy Society’. The distinguished lecture is given by Mr Dhirendra Singh, Application engineer Math works, India. Around 35 students of Electrical and Electronics branch had registered and many faculty members have attended the Workshop. The programme was inaugurated by Head of the Electrical & Electronics Engineering Department in presence of Faculty, Staff & students of college. Mr L. N Rao gave brief introduction of the workshop. The main objective of this lecture is to give students in depth understanding of subject and implement real time system through simulation. Mr Dhirendra Singh had delivered a well appreciated lecture on scope and opportunities of MATLAB tools on Electrical Engineering and Control system along with hands on.

- Electrical engineering using Simscape (Physical Modeling) Electrical engineering using Sim Power systems
- Control system design and analysis
- Demo of Two wheel balancing Robot using LEGO NXT and Magnetic Levitation

Mr L. Navin kumar Rao had demonstrated MATLAB Simulink Power system toolbox (Application on power electronics) along with hands on lab.

Mr Noorul Islam had demonstrated MATLAB Fuzzy logic toolbox (Optimization techniques) along with hands on.

The success & effectiveness of the program was appreciated by the audience. This is an immense pleasure for the department to take an initiative to explore its viability & challenges that needs to be faced to come out with the success of Workshop on MATLAB. Finally, the program concluded with certificate distribution and vote of thanks. The coordinators of the programme were Mr L. Navin Kumar Rao (AP, EEE) & Kalpana Hazarika (AP, EEE).
Entrepreneurship Awareness Workshop sponsored by Department of Science & Technology, Government of India, New Delhi

A three-day Entrepreneurship awareness workshop sponsored by Department of Science & Technology, Government of India, New Delhi was organized on 25 March 2015. The programme started with lighting of lamp. The Guest speakers of the day, Dr S P Mishra and Mr Mahendra Gupta were welcomed by Dr Vineet Kansal, Director of the College. The workshop has been scheduled for 3 days from 25-27 March 2015. In this workshop, students were told about the key issues involved in the management of Small and Medium Enterprises (SME’s). They were also being trained with essential contemporary skills and critical awareness necessary for successful and rewarding ventures in this dynamic business environment. This workshop intended to equip the young entrepreneurs of the nation with necessary skills so that he can not only bag a dream job for him but also can be a job creator to the world. The participants were encouraged to show their innovative skills and leadership skills as budding entrepreneurs.

The Guest speakers of the day, Dr S. P Mishra explained various concepts of entrepreneurship development to the students. He guided students towards being Entrepreneur in the challenging role in society. Mr Avadhesh Kumar guided the students on various business opportunities available in the market. The field of Entrepreneurship and development is very wide. It includes innovation and incubation. The students were encouraged to come up with new and innovative ideas and were guided how to actualize them. After attending the workshop, the students may emerge as successful entrepreneurs and start their own Small Medium Enterprise, act as SME Owner/Managers, SME Business Advisors/Consultants or work as Self-Employed Professional. By the end of this 3 day workshop, participants are expected to acquire various soft skills like-

- Enhanced understanding of entrepreneurial behaviors needed for business success
- In-depth knowledge which would enable participants act on business opportunities in real times,
- Sharpened skills needed to set challenging and attainable business goals
- Acquired practical know-how to start and run new businesses and improve on existing ones
- Improved interpersonal competency and working in groups

The programme was a huge success in terms of learning and skill development. The students were very enthusiastic after attending the workshop and promised to turn their dream business into reality.
Workshop on “Software Testing”

The Department of CSE & IT organized a Workshop on “Software Testing” on 10th Jan 2015. The Programme started with lighting of lamp by Dr Vineet Kansal, Director ITSEC, Mr Vipul Kocher (President, ITB), Mr Mahesh Bakshi (Sr Manager, ITB), Dr Ashish Kumar (Head IT), Dr Shailesh Tiwari (Head CSE) and other faculty and staff by offering prayers to Maa Saraswati. The Chief Guest, Mr Vipul Kocher, Co-founder SALT and President Indian Testing board, is working in the area of Software Testing for the last 15 years. He had worked at various senior positions in many leading IT organizations including Adobe India.

Mr Kocher addressed the 3rd year Computer Science and Information Technology students in choosing the right skill set so that they become industry ready. The workshop was conducted in an interactive manner and students were curious to know about choosing the right skill sets. The student asked about the skills required for the web designer. Mr. Kocher cited some of the good examples to motivate the students. He told the students that how much difficulty he faced during his campus placement at I.I.T Delhi. Since, earlier there were not too many opportunity and it was very hard to prepare themselves as per the industry demand. However, now it has become very easy with the availability of internet.

Mr Kocher along-with his team will prepare the students for ISTQB and SALT certification. The certification is recognition of one’s capabilities in the field of Testing. The industry considers the certified student like an experienced profession in the field. There are more than 70,000 ISTQB certified professionals in India. Almost all the companies are part of Indian Testing Board (ITB) which conducts the ISTQB certification. The workshop was conducted under SOPAN, an industry academia initiative. This program was coordinated by Mr Sandeep Kumar (AP, CSE) and Mr Arun Rai (AP, CSE).
Faculty Development Programme on “Composite Materials: Machining Issues and Technical Advancements”

The department of Mechanical Engineering organized a one-day FDP on “Composite Materials: Machining Issues and Technical Advancements” on 28 Feb, 2015. The event was marked by the presence of distinguished guest speakers from IIT Roorkee, NIT Hamirpur and JMI, New Delhi, faculty members and students from the technical institutes in the NCR and research students from other institutes. The event initiated with lamp lighting and Saraswati Vandana. This was followed by a brief introduction about the programme by convener of the FDP Dr Vikas Dhawan. In his brief introductory speech, he described the relevance of composite materials in the development of human civilization and its use from time immemorial without knowing. Director, Dr Vineet Kansal, in his brief interaction with the gathering, emphasized on the need of FDPs in the growth of quality teaching by the faculty members and in turn an enhancement for the institute. The FDP session began with the lecture delivered by Dr A. K. Sharma from IIT Roorkee describing the processing challenges of ceramic composites and newer processing routes for such composites. Describing about the ceramics, he stressed that ceramic processing is used to produce commercial products that are very diverse in size, shape, detail, complexity, and material composition, structure, and cost. The purpose of ceramics processing to an applied science is the natural result of an increasing ability to refine, develop, and characterize ceramic materials. Talking about the challenges and advances in ceramics, he discussed the processing of ceramics using microwave as a new means. The second Lecture session was covered by Dr Z. Mallick from JMI, New Delhi. He focused on the research gap existing in ceramic materials selection and different machining issues related to these materials. To elaborate further, he discussed the case study of Boeing 747 with the application of composite materials in its manufacturing. The third lecture session was delivered by Dr Inderdeep Singh from IIT Roorkee. His area of concern was machining issues for composite materials. Discussing the matter, he talked about different issues and challenges that need to be taken care of in machining composite materials and in doing so, the different challenges that can be faced by the researchers.

The final session of FDP was delivered by Dr Siddhartha from NIT, Hamirpur. He talked about the synthesis and characterization of the rigid materials. These are again composites that need to be processed for a particular type of characteristics depending on the need of the work environment and accordingly their composition and synthesis has to be done. The FDP organized by the department has been a great success for over 28 participants from other institutes registered for the programme and appreciated the quality lectures delivered and the vast knowledge in the emerging area of composites that has been shared. The participants admitted that such sessions help them in continuing their research work and looking for new horizons. Talking about the FDP, Prof. Sanjay Yadav, Head of the Department admitted that such events help in improving our research work and
meeting new challenges. In his vote of thanks, Mr Md. Kamal Asif Khan described the event as a new addition in the endeavour by the department in imparting quality teaching and excellence in academics. The efforts put in by the organizing committee members to make the event a success needs to be appreciated. The hard work in getting the lectures arranged by the invited speakers and motivating participants to attend the FDP has been really fruitful. In particular, the efforts of Mr Arvind Tiwari, Mr. Harsh Gupta, Dr Vikas Dhawan, Mr Manvendra Yadav and Prof Sanjay Yadav remain outstanding. The invited speakers from the reputed institutes were thanked for giving their valuable time for the programme.
Department of Electronics and Communication Engineering organized an industrial visit to Air Traffic Control Department at Airport Authority of India, New Delhi on 23 April, 2015 for ECE Final year students. Mr Prabhakar Sharma, AP & Ms Seema Srivastava, AP coordinated the students for the industrial visit.

The visit was started by a presentation on “Overview- Air Traffic Control (ATC)” by Mr Ankur Singh, Engineer ATC. He has briefed about the layout of Delhi airport. He has explained in detail about functions & responsibilities of ATC, the working of ATC units, tools used for handling of a flight, maintenance of flight profiles, search & rescue, billing, and aeronautical information services. He has also discussed the Navigation and Surveillance of aircrafts. Meanwhile, the General Manager- ATC has joined the session & motivated the students to join airport authority & shared the benefits provided. At last the presentation was followed by a brief questionnaire round. During the presentation, the students were provided the snacks & tea by ATC. After presentation the students were divided into two groups to visit various units at ATC. Students have visited the tower at the top where they have shown how air traffic is controlled & surveillance is done. Students are also aware of how the aircraft emergencies & other problems are being solved. The students have also visited the RADAR- AREA section, where they have explained about how an aircraft is detected, what are the requirements & information about landing & departure of the aircrafts to prevent the accidents. The students had a great learning experience & received an in-depth knowledge about RADAR & managing air traffic control, Delhi airport layout, working of ATC unit, Route surveillance RADAR. The Staff at ATC cooperated a lot & answered all the questions of the students.
“Industrial visit to Mother Dairy, Patparganj – New Delhi on 13 April, 2015 for MBA First and Second year students”

Department of MBA, I.T.S. Engineering College, Greater Noida organized an industrial visit to Mother Dairy, Patparganj – New Delhi on 13 April, 2015 for MBA First and Second year students. Prof. L.K. Verma and Mr. Sachin Sinha, Faculty I.T.S, accompanied the students for the industrial visit.

The visit started with a brief presentation by Ms. Chandra Sanwal, Sr. Supdt.- Consumer Information, Mother Dairy Patparganj. She discussed in detail every aspect of processing, procurement, standardization and distribution of dairy products. She told that the aim of mother dairy is providing quality milk to its consumers at an affordable price for the welfare of the society. The presentation was followed by a brief question-answer round headed by Mr. I. M. Jose, CSR Head. During the visit, the students were made well versed with the functioning of the plant. At Mother Dairy, processing of milk is controlled by process automation whereby state-of-the-art microprocessor technology is adopted. It integrates and completely automates all functions of the milk processing areas to ensure high product quality/ reliability and safety. This starts with Clarification of milk followed by Homogenization, Pasteurization, and Fortification (with Vitamin A). After successful processing, milk is dispatched in a hygienic and sterilized milk tanker and is then transported under cold chain to various distribution formats as milk booths, franchises, shops, kiosks, insulated containers, containers on wheels. The students also came to know about the vision, mission & significant competitive advantage which the company derives from the unique distribution network of all dairy products. During this period at the end of visit, they also provided flavored milk as well as ice cream to the students made by the company; students relished the preparation and quality of the milk products. The students had overall a good experience with an in-depth learning. I.T.S. Engineering College, Greater Noida expresses its hearty thanks and regards to Mother Dairy for sharing their information with the students about complete processes at Mother Dairy.
ECE department organized the inaugural launch of IEEE MTTS Student Chapter on 18 Mar 2015. The function was graced by the presence of Prof Shiban K. Koul, Chairman of IEEE ED/MTT Chapter, India Council. The program started in the esteemed presence of Prof Shiban K. Koul, Professor, I. I. T Delhi, AD-COM member IEEE MTTS, Dr Vineet Kansal (Director), Dr Lokesh Bansal (Head ECE) and other dignitaries and staff. Bouquet of flowers was presented by Dr Vineet Kansal to the Chief Guest, Prof Koul.

Dr Vineet Kansal advised the students about the importance of such memberships in the IEEE Microwave Theory and Techniques Society which provides a great platform for further studies. It was followed by speech by Dr Lokesh Bansal (Head ECE) who too emphasized on the importance of such associations with the society and encouraged students for the membership of the IEEE society.

In his speech, Dr S. K. Koul emphasized the importance of MTTS in the field of microwave theory and its applications, including RF, microwave, millimeter-wave, and terahertz technologies. MTTS local chapters sponsor technical meetings, workshops, social events and seminar series, host the annual International Microwave Symposium or Radio and Wireless Week, and serve the professional and technical needs of members. According to Dr Koul, MTT-S has worked to advance the professional standing of its members and enhance the quality of life for all people through the development and application of microwave technology.

Finally, a vote of thanks was given by Mr Jugul Kishore Gupta.
"Software Testing Laboratory"

The College organized the inaugural launch of Software Testing Laboratory to build students’ skills on 18 Feb 2015. The inaugural was graced by the presence of Chief Guest Mr Jose Diaz, President Spanish Testing Board and Guest of Honor Mr Vipul Kocher, President Indian Testing Board and Co-founder SALT. The programme with lighting of lamps by Mr Jose Diaz (Chief Guest), Mr Vipul Kocher (Guest of Honor), Dr Vineet Kansal, Director (I.T.S. Engineering College), Dr Shailesh Tiwari (Head CSE), Dr Ashish Kumar (Head IT) and other dignitaries, faculty and staff by offering prayers to Maa Saraswati. The program initiated with the welcome speech by Ms Nilakshi Goel. Dr Ashish Kumar informed the students about the program details. He emphasized that it’s a competitive world and industries are in demand of trained engineers. He informed that successful students will be given ISTQB and SALT certifications, which are being recognized by all IT companies.

Dr. Vineet Kansal, Director advised the students about the important of such associations which help in building students skills and provide ample placement opportunity. He also informed about various schemes, our college is bringing for its students so that they can serve the society. It was followed with the speech of Guest of Honor Mr Vipul Kocher. He showed a small clip demonstrating the requirement of technology. He informed about the program delivery methodology that it will be an inverted style of teaching. Later on Mr Jose Diaz, Chief Guest shared some of his life experiences with students that how did he succeeded in spite of getting failed many times. Mr. Jose runs his consultancy firm in Germany. He is also organizing an AGILE based conference since last seven years. He invited all the participants to come and join in the conference.

Finally vote of thanks was given by Dr Shailesh Tiwari. After the program is over, all the participants moved to the Software Testing Lab inauguration. The ribbon cutting ceremony was done by the Mr Jose Diaz, Mr Vipul Kocher, and Dr Vinet Kansal. In the Lab Mr Jose and Mr Vipul along-with his team interacted with Faculty of the department. Dr Kansal informed them about the future plans of the college. The team visited the proposed place of centre of excellence and Patel auditorium for future events. During the visit, Dr Kansal informed the team members about various schemes going on and future plans. Around 96 students appeared for the training exam. It was conducted in two phases. Finally 15-20 students will be selected for training. The program was conducted under SOPAN, an industry academia initiative at I.T.S. Engineering College, Gr. Noida. This program was coordinated by Mr. Sandeep Kumar (AP, CS&E).
“Appreciation Certificate Distribution for Good Attendance Record”

Attendance has been always a burning issue in private institutes and efforts have always been made to improve its percentage from the bottom line to the maximum value. In order to motivate the students to attend their classes regularly and scale high in academics, the department of Mechanical Engineering distributed Appreciation Certificates to its students for maintaining 90% and above attendance in their classes during their odd semester. Though the quantity of students receiving the certificates was very few, yet it helped in motivating others to do the same. Definitely, recognition in this area is going to have a long lasting effect in improving the attendance scenario in the classes.

The certificates were distributed by Prof Sanjay Yadav and Prof Vikas Dhawan in the presence of other faculty members of the department in the respective classes of different years. They were also informed of the scheme for best “Outgoing Student” award that has to be given based on the performance of students during their four year association with the institute.
Beyond Academics

“Bidding Adieu: A Farewell to Final Year Students”

IT Department - “Hasta-La-Vista” on 9 May 2015
MBA Department - “Dasvidaniya” on 6 May, 2014
ECE Department- "YAADEIN" on 6th May, 2015

CSE Department on 25 April 2015
ME Department on 7 May, 2015
Web-War "ICCCS-2016 Best Website Competition"

Web-War is an event organized by AVANT GARDE society of CSE department on 22nd April, 2015. The inauguration of the Event was done by Dr Shailesh Tiwari; HOD-CSE. This event is based on developing the dynamic website. A time slot of one week was given to each team from the 15 April, 2015. Every team has to present their website in front of the judges. Event’s judges selected top 2 teams as per their programming and thinking skills. HOD-CSE, congratulated the winners, Student coordinators and Faculty Coordinators to put in their hard work towards the grand success of the Event. The event was overall very informative and useful for the students as they got a chance to improve their technical/programming skills. The winners of the event are:

First prize - Team 1-1. Sumit Kumar-ME (2nd year)
Second prize - Team 2-
1. Nikhil Kumar-CSE (2nd year)
2. Abhishek Prashoon-CSE (2nd year)
3. Rohit Kumar CSE (2nd year)

The event was coordinated by Mr Ankur Saxena & Ms Pritee Gupta.
“Group Presentation Competition”

In order to provide a platform for skill development in the area of group presentation for MBA students, a competition was organized on 22 Apr 2015 by MBA Department. Today everywhere in the industry a person has to work in a group where the senior person is a group/team leader. All the members of the group co-ordinate with each other and also with the group leader to achieve the main objective. With this background, this competition on group presentation by MBA second year students has its own importance. For convenience, the students were divided into five groups. In each group there were three to four students with a group leader. The first group consisted of Hariom, Parvesh, Saheem and their topic was “Effect of budget on Aam Admi”; Second group comprised of Sushma, Tarique, Rahul and their topic was “Supply Chain Management”; Third group included Indra bhusan, Birendra, Anurag and their topic was “Web Technology”; fourth Group consisted of Shaqub, Shadab, Prabhneet with their topic FDI; while the fifth Group was represented by Payam, Richa, Shantan and their topic was Women’s Safety. The topic for presentation was chosen by each group’s members. Each group had the presentation for about 15-20 minutes on their chosen topic with the help of PPT, followed by question-answer session. The students prepared their presentation with the guidance of MBA faculty Air Cdr (Prof) L.K. Verma. Lot of enthusiasm was seen amongst the participants and the students participated in the programme whole heartedly. All the five presentations were very good. The participants had taken pains in preparation of their subject and the ppt.

The winners of the competition were- Group 3rd: Payam Zehra, Richa, Shantanu sharma. This competition highlighted the importance of teamwork which is essential for success of any mission. This also helped the entire student about the basic tactics, techniques and strategies required for a group presentation. Overall it was a very good programme and everyone has learned something from this programme. Prof Ankur Srivastava, the HOD, MBA Department congratulated all the participants and conveyed that such programme is essential for developing the skills. He further expected that the art of Group Presentation depicted by second year students would not only be helpful for making a presentation in future but also would be utilized in the industry tomorrow by the participants in live situation. The programme ended with a vote of thanks to the organizers.
Case Study Competition

MBA Department of the college organized a Case Study Competition on 15 April 2015. The Programme started with the blessings of Maa Saraswati. All students presented their arguments on their chosen topics. 1st Prize was bagged by Md Shoaib who spoke on “Compensation”. Ms Komal Munderna who spoke on “Job Evaluation” won the 2nd Prize with Gaurav Yadav at 3rd position. His topic was “Human Resource Information System” It was a good learning and educative experience for all of us where we could get an insight and varied opinions for the case study. The budding manager took enthusiastic participation in the event and came up with out of the box opinions on the cases given.
“Techtonic 2015”

Techtonic is an event organized by Avant Garde Society of CSE Dept on 25th March, 2015. The inauguration of the event was done by Dr Shailesh Tiwari, HOD-CSE. This event is based on online test, which consist of questions on C Programming and as well as Data Structures. This event consists of two levels. Level 1 consists of 60 questions from C language and Data Structures. In level 2 questions are given to the students based on ‘C’ programming to test their programming skills. The top 10 contestants of level 1 are selected to be qualified for level 2. Event’s judges selected top 4 finalist from level 2 as per their programming and thinking skills. The event was attended by around 70 participants. The event was overall very informative and useful for the students as they got chance to improve their technical/programming skills.

The winners of the event are:-
1. First prize - Nimish Agarwal
2. Second Prize - Anurag Mittal
3. Consolation 1 - Sumit Kumar Singh
4. Consolation 2 - Ishrat Akbar

Event is coordinated by Mr Ankur Saxena & Ms Pritee Gupta.
Alumni Meet “Sankalan-2015”

Alumni Meet “Sankalan-2015” has been a long awaited function that concluded successfully on 1st of March, 2015 in the college premises. The function is meant for annual gathering for the pass out students of the institute. SANKALAN-2015 has been the fourth Alumni meet of the college and it was heartening to see that the number of Alumni that turned up for the function were good enough despite the unexpected rainy weather. This shows that the Alumnus of the institute is very keen to visit the college and relive their old memories. This also shows that functions such as SANKALAN become the platform where Alumnus are willing to gather so as to meet their old friends and share their experiences which is a bit difficult in professional life to achieve. Thus, it simply provides an opportunity to meet so many friends together in a single gathering. The program organized by the institute meets all the above mentioned criteria for Alumnus to gather. The program initiated with lamp lighting and Saraswati Vandana and in his brief speech, Director Dr Vineet Kansal described the importance of such functions as Alumni meet in the life of the students and in the annals of the institute. He also emphasized on the sharing of personal experiences of the Alumnus with their juniors and cherishing the old memories. A brief introduction about the developmental activities in the institute was presented by Mr Md. Kamal Asif Khan. The major areas covered in his presentation included placement, academics, sports, cultural, social and other included amenities in the institute. He stressed that the institute is trying hard to raise the teaching-learning benchmark and provide maximum exposure through academia-industry interaction so as to generate more and better campus placement opportunities to its students. The institute is also establishing Centre of Excellence in different departments so that the students can be given in-house industrial training in certain specific areas. The various departments are also organizing seminars, conferences, FDPs and similar other technical events and Guest Lectures through renowned academicians and industry persons of National and International repute. All these efforts become fruitful if they are well recognized by the Alumni in their talks with their fellow colleagues and friends outside the campus. The function also included two invited renowned poets Dr Vishnu Saxena (winner of Yash Bharti Award) and Mr Chetan Anand. The invitees were welcomed by the Director of the institute Dr Vineet Kansal by presenting them shawls. The duration of poetry was full of laughter and enthusiasm and the recitations were rightly applauded by the audience. Later on, the session was praised by the students and teachers alike and it showed that such events are needed to make the occasion more reasonable to attend. The function also included some enjoyable stage performances by the enrolled students during “Fun Zone” session and relive moments by the Alumni. Some of the Alumni shared their personal experiences on the stage and admitted the fact that since their leaving the institute, it is the memory of the past that they carry with them and remember the most. Some were eager enough
to show up their hidden talents to their juniors and gave live singing and dancing performances on the stage.

The function of SANKALAN-2015 has been organized with utmost care and integrity by the members of the organizing committee in particular Ms Anuja Shukla, Ms Kalpana Hazarika, Mr Manverndra Yadav, Mr Sandeep Kumar and the different departmental Alumni coordinators. The list of volunteers from the students also deserves an equal appreciation for their untiring efforts in making it a grand success program. The function concluded with the lunch session and during that time, it was a lively conversation of the Alumnus with their juniors and long parted faculty members. The Alumnus left the institute on a high note with all their previous memories revised and shall be most willing to attend similar functions in future as well.
“Udghosh 2015: The Annual Fest”

The Annual fest **Udghosh 2015**, a unique blend of Cultural, Literary and Sports extravaganza, was organized on 20 & 21 Feb 2015 in the College premises. Day 1: 20th Feb  The Day-1 of the fest started with an inaugural ceremony which was graced by Chief Guest Sri Mahendra Prasad-ADM, G.B. Nagar, Guest of Honor Sri Kumar Bimal- V.P. Sonalika Tractors, Dr R.P. Chadha- Chairman- I.T.S Group, Mr Sohil Chadha-Vice Chairman ITS Group, Dr Vineet Kansal, Director I.T.S Engineering College, faculty members and students. The fest started with a brief introduction by Dr Rashmi Gupta, Convener FMT giving an overview to audience about the houses, concept and events of Fest including brief introduction about Chief Guest. ADM, G.B. Nagar Sri Mahendra Prasad addressed the ITS Engg. Students and wished them good luck for their future and said that such activities and events help the students to display their talents. Dr Vineet Kansal in his speech heartily expressed his gratitude to the Chief Guest Sri Mahendra Prasad, ADM, G.B. Nagar and Guest of Honor Sri Kumar Bimal, V.P. Sonalika Tractors for sparing their valuable time for the fest and blessed the Fest Organizing Team for organizing this grand carnival in an enthralling and mesmerizing manner. Followed by his inspiring speech, Sri Sohil Chaddha declared the opening of fest and Nishant Gaur took a round of the main ground with a firelight igniting the spirit and competitiveness of all the participants of various events. The dignitaries were invited for flame ignition with simultaneous release of balloons declaring the initiation of College’s spellbinding showcase of talents and skills. This was followed by March past in which large number of students participated house wise displaying their unbound unity and self-discipline concluding with an oath taking ceremony and dispersion of march past. Thereafter the day unfolded with a cultural presentation by dance group. The dramatics club engrossed the audience with their Nukkad Natak that stimulated the audience with participants spellbinding dramatic skills and emotionally amplifying nukkad plays centered around various social stigma. There was sport finals of Tug of war (girls) and 100 meters race (boys). It was followed by a vote of thanks from the Head of Fest organizing Team that marked the conclusion of inaugural ceremony. The day 1 of the fest belonged to Sports, Literary, Fine arts and films & photography club as various events under each group was organized on a large scale with huge participation. ‘The story of my picture’ was held by Films and Photography club which was a spectacular display of student’s photography skills and vigilance dexterity.

Meanwhile there was an exuberant array of sports events held on the main ground consisting of shotput throw and long jump, which received a massive participation of both boys and girls and was an all-round energetic extravaganza. On the same day ‘Flipside’-English Debate Competition on topic “Younger Generation are more practical than the older Generation” and ‘Sangram’ the Hindi debate were organised which received great response from the participants and the audience.
Fine arts Club ‘Kalashetra’ splashed the fest with various colors of life with its events namely T-Shirt painting & rangoli.

The day concluded with Nukad Natak and ITS roadies, a voracious display of aggression, zeal and winning spirit consisted of nerve wrecking and thrilling rounds of tasks and challenges that participants had to face and confront to stand out as winner. All in all the college buzzed all day and it was a wonderful day to be cherished. 21st Feb, Day 2 of Udghosh’15 commenced with great enthusiasm among the students. The Chief Guest Shri Dinesh Rai, Chairman, WDRA was welcomed by Sri Arpit Chaddha- Vice Chairman, ITS The Education Group, Mr S. Sood, Chief Administrator ITS Group and Dr Vineet Kansal, Director, ITS Engineering College. It was followed by lighting of the lamp to mark the auspicious beginning of the ceremony followed by Saraswati Vandana to seek the blessings of the Goddess of Knowledge, Maa Saraswati. Then the day unfolded with an array of cultural events with a splendid performance of Convocation Dance, the Dance group giving fest a grand and crowd pulling opening that endured for the whole day. This was followed by a solo singing competition to give fest a musical turn organized by Sargam ‘The Music club’. Hindi Literature Club ‘Chintan Shrijan’ gave fest a comic mood with crowd bursting with laughter in the hilarious performance of Shubham Tiwari, Bhanu Pratap and Danish (the stand-up comedy) competition.

There was a marvelous filler performance of group dance and solo dance that stimulated the audience significantly and took the fest to a whole new level. It was followed by a Fashion Show wherein the fest took a glamorous turn: The fashion show was full of style, attitude and funk. One of the most anticipated event, it was attended by large number of people and received massive accolades.

‘Junoon’ The dance club’s next event group dance abounded the fest with excitement and applauds with various dance showcasing their heightened level of creativity and rhythmic persona. It raised the bar of audience zeal and support to the fest to a further level. It concluded with Prize distribution ceremony to the various student winners of the events by the hands of the Chief Guest of the function Mr Dinesh Rai, Chairman, WDRA and his inspiring address to the students emphasizing on the current job scenario and the placements. Mr S. Sood extended his warm address to all and vote of thanks was given by Dr Rashmi Gupta on the behalf of fest organizing team. The next turn to stimulate the audience was of one of the largest crowd pulling event AVNI the band performance and DJ in the evening. The bands thrilling guitar riffs and amplifying voices mesmerized the audience and filled the venue with a sublime aura of noises and crowd screams a trademark of a successful rock event. Udghosh’15, due to sincere efforts of Fest organizing team and huge crowd support, came out to be a highly successful event whose excitement and reverence will endure throughout the year and will prove to be concrete support of the future fests.
Dr Vineet Kansal congratulated the Fest Organizing Team-Dr Rashmi Gupta-Professor ASH, Ms Kalpana Hazarika, AP-EEE, Mr Agha Asim Husain, AP-ECE and all students’ coordinators for successfully organizing UDGHOSH 2015 on such a large scale with beautifully complimenting all the new transformations that were put forth for this year’s fest.
“Mech-Tech Quiz”

“Mech-Impulse Society” of Mechanical Engineering Department organized a technical quiz as Mech-Tech Quiz 2015 on 18 Feb, 2015. This was an open event in which 20 teams were registered. Faculty in-charge of society Mr Arvind Tiwari along with students coordinators Shubham Doneria and Nitin Gupta made it happen in a good managed way. From the many participating teams, 4 teams qualified for the final round. The teams tackled the questions well and cleared different levels to be on the top. The winners of the Quiz were Shivam Tyagi, Ravi Kumar and Trilochan Thakur. 1st Runners up are Saurabh Sharma, Ravi Yadav and Vinit Kumar Singh. The motive behind this event is to develop the keen interest of core technical knowledge among our Mechanical Engineering students which will help them to prepare in advance for various competitive examination including GATE etc.
“Elektrovision”

Ergon Society of Electronics and Electrical Engineering (EEE) department organized an event named Elektrovision on 9 Feb 2015. The aim was to generate depth in the minds of EEE students towards understanding the importance of observations in Engineering. As with the growing scenario the students are focusing more on theory than on observations and practicals. A myth had been crafted that any task could be performed easily if you are theoretically sound. But to be a good engineer a person should be theoretically as well as practically sound with a keen observation power. In the event the participants had to recognize an electrical component and write a brief note about it and then he has to explain it with all the applications. This event is a small step to train the students towards the situations they have to face in near future when they go to the industries. The event was graced by our distinguished Guest Mr Alok Varshney, Sr. Lead Engineer & Quality Manager, ST Microelectronics Pvt. Ltd., HOD’s, Faculty members and Students. The guest asked the students about their component details with their working and application and appreciated with the effort of the college to organize such events so that students could make an easy way in the industries. The HOD Dr Vinay Kakkar felicitated the guest with a memento to express the token of gratitude on the behalf of college.

The event got a huge participation. The participants presented the explanations with their brimming descriptions to the jury in a confident and creditable manner. The participants were judged on their presentation, distinct vision, intellect, and technical skills. The winners of the event were:

II Year
Winner 1 : Suman Kumar
Winner 2 : Ajay Yadav
Consolation : Shubham Sharma

III Year
Winner 1 : Abhishek Kumar
Winner 2 : Mehbub Mansoor
Consolation : Shaurya Rauthan
Celebration of Good Governance Day with Speech Competition 'Bhaashan Shailee'

Governance when defined naturally is the process of decision making and the process by which decision are implemented. The concept of good governance often emerges as a model to compare those with ineffective economies, political bodies which are vulnerable to deceiving the public, with those stable government structures which are inculcating a spirit of growth and development. One such person who gave the actual meaning and action to the definition of good governance is Shree Atal Bihari Vajpayee, former Prime Minister of India. Under his guidance several great projects such as golden quadrilateral had been completed, the inflation remained under control throughout his leadership.

Due to some inevitable academic reasons we were unable to celebrate Atal Bihar Vajpayee Ji’s birthday on 25 December 2014 as a Good Governance Day on the same day. So, Fraternity -The Literary Society of I.T.S engineering college organized ‘Bhashanshaili’- A Speech Competition on Good Governance on 6 February 2015 to honor this eminent day. The topic to speak upon was the same which was the motto of Atal Bihari Vajpayee’s governance ways i.e. “Good Governance”.

As our leader was multilingual and knew numerous languages we didn’t put any language bar in the competition. The event accepted widespread participation from all the branches. The event was a great success, the participants produced more than efficient strategies to provide better governance to government bodies.

The following were the winners of the event:
1) Pritish Kumar-ME III
2) Nitish Shukla-ME III
3) Satish Kumar-CSE II
4) Ankit Bhandari-ME III
Consolation Prize
Sandeep Mehta-ME II
“Quizmania”

The Envision-An ECE Student activity club has organized an event- Quizmania on 5 Feb, 2015. This quiz has questions of technical, aptitude and current affairs for all the students of 2nd, 3rd, 4th Year ECE. The online quiz was of 25 Minutes & consists of objective type questions. The chief guest was Ms Nidhi Wason, alumni of year 2014 & software developer at Global Logics, Noida. Dr. Lokesh Bansal, HOD ECE gave a welcome speech and encouraged students for participation in curricular activities. The students got an opportunity to interact with the chief guest and clear all their doubts regarding the career choices. The winners were felicitated with certificates and prizes. In conclusion, the event was successful and served as a platform for communicating with passed out students.

The winners for the QUIZMANIA are:-

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Names</th>
<th>Year</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Shailendra Chauhan</td>
<td>3rd (ECE)</td>
<td>1st</td>
</tr>
<tr>
<td></td>
<td>Sudhanshu Ranjan</td>
<td>3rd (ECE)</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Ambikesh Mishra</td>
<td>3rd (ECE)</td>
<td>2nd</td>
</tr>
<tr>
<td></td>
<td>Dheeraj Pandey</td>
<td>3rd (ECE)</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Bhumika Chaudhary</td>
<td>3rd (ECE)</td>
<td>3rd</td>
</tr>
<tr>
<td></td>
<td>Ankita Agrahari</td>
<td>3rd (ECE)</td>
<td></td>
</tr>
</tbody>
</table>
“Appreciation Certificate Distribution for Good Attendance Record”

Attendance has been always a burning issue in private institutes and efforts have always been made to improve its percentage from the bottom line to the maximum value. In order to motivate the students to attend their classes regularly and scale high in academics, the department of Mechanical Engineering distributed Appreciation Certificates to its students for maintaining 90% and above attendance in their classes during their odd semester. Though the quantity of students receiving the certificates was very few, yet it helped in motivating others to do the same. Definitely, recognition in this area is going to have a long lasting effect in improving the attendance scenario in the classes. The certificates were distributed by Prof Sanjay Yadav and Prof Vikas Dhawan in the presence of other faculty members of the department in the respective classes of different years. They were also informed of the scheme for best “Outgoing Student” award that has to be given based on the performance of students during their four year association with the institute.
"Faculty Contributions"


Presentations


Ms Monika Bhatnagar attended national seminar on "Recent Trends in Microelectronics and Communication Systems-2015" held on April 4, 2015 at Indraprastha Engineering College, Ghaziabad-U.P.

Ms Monika Bhatnagar attended national seminar on "Recent Trends in Microelectronics and Communication Systems-2015" held on April 4, 2015 at Indraprastha Engineering College, Ghaziabad-U.P.

Mr L. Navin Kumar Rao presented a paper on "Maximum power point tracking issues in control of low power Photovoltaic module" in IEEE International conference, 26-28 March 2015, GCET, Greater Noida.


“Students’ Achievements”

- Aircraft Project by Mechanical Engineering Students has achieved a rare feat of designing a one-seater aircraft at a very low cost. This was done as a final year project work by Mr Anuj Ajab Singh and his team comprising Ankit Singh, Ankit Mani Tripathi, Ratnesh Yadav, R Amkesh Nishad, Himanshu Jalutharia and Saqib Tanveer under the guidance of Dr B. P. Sharma and Mr Manvendra Yadav. The feat has been achieved through long and tiring efforts of the group members over one whole year. The aircraft has been made by using carbon fiber because of which the total weight of the plane including the weight of the pilot is limited to 200 kgs only. The craft is made using reusable parts and components and fitted with Maruti 800 engine. The total length of the craft is 14 inches and it can be used for transporting food and other relief materials at the time of natural disasters. The total manufacturing cost of the plane is estimated to be Rs 70000/- only.

- Students’ Theatre Group ‘Ehsaas’ secured 2nd Position in Inter-College Nukkad Natak Competition at UDBHAV-14’, Annual Fest of IPEC, Ghaziabad held on 8th March, 2014. The team comprises of following students
  Usha bisht-3rd yr, IT: Group Leader
  Anshu Vatsa-4th yr, ME
  Meenakshi yadav-3rd yr, CSE A
  Monisha -3rd yr, CSE A
  Sarim Zaidi-3rd yr ME B
  Shweta 3rd yr, EEE
  Nishant -3rd yr, ME B
  Md Nouman -3rd yr, ME B
  Shubham -2nd yr, IT
  Ankit Bhandari-2nd yr, ME A
  Raman 3rd yr, CSE B
  Mithilesh Dubey-2nd yr, EEE
  Bhanu-2nd yr, ME A