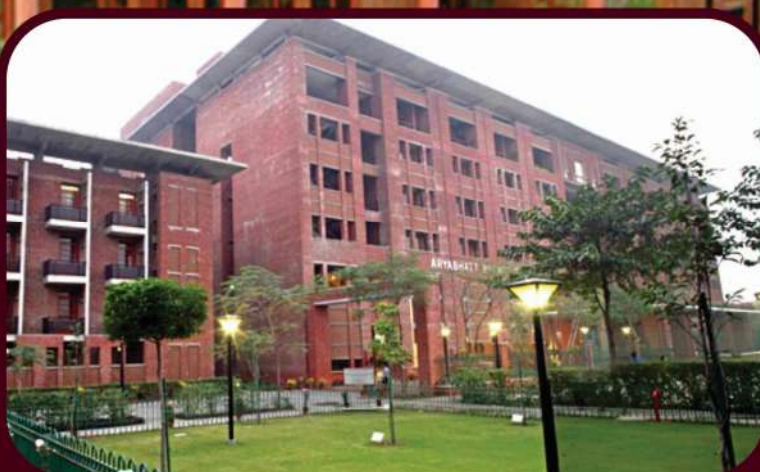


October, 2018
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Anunaad

A JIIT NEWSLETTER



Jaypee Institute of Information Technology

(Deemed to be University under section 3 of UGC Act)
a NAAC Accredited and NIRF (MHRD) Ranked Deemed University

Inside Newsletter

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Editorial

JIIT has travelled a long way in ENGINEERING education. Its journey from year 2001 till date is a very invigorating experience. Many milestones achieved, many goal posts crossed and many more targets set for an exciting journey ahead with an ultimate objective of establishing JIIT as a force to reckon with in the arena of Education & Research.

Every student who enters past the gates of JIIT comes with great career aspirations and JIIT strives incessantly to empower them with industry ready engineering skills and leaves no stone unturned in realising their dream of access to quality education. 'Anunaad', the institute newsletter is a mirror that reflects all academic, technical, research, cultural and societal initiatives that take place on campus. 'Anunaad' provides a bird's eye view of what a JIITian can expect during his graduation years with us at JIIT.

In the current world scenario of ever changing technologies, fast evolving research innovations and growing economic challenges, extreme competition is the order of the day. Creating and maintaining an inspiring atmosphere assumes tremendous importance in moulding the young minds to realise their strengths, work up on their inadequacies and build their capabilities. Pages of 'Anunaad', presents to the reader the umpteen list of conferences, workshops, training programs, expert lectures and industry interactions offered to the student, enriching his learning canvas.

JIIT understands the pulse of student's education demands and stays true to its objective of being a provider of good quality higher education. Thoughts of JIIT are synchronous with Rabindranath Tagore's words, "The higher education is that which does not merely give us information, but makes life in harmony with all existence".

On behalf of the Editorial team of 'Anunaad', it's my proud privilege to welcome one and all to have a glimpse at the diverse inner workings of JIIT. Hope our efforts to introduce you to JIIT and its activities win your appreciation.

Many good wishes from

Prof. S Krishna Sundari
Biotechnoloy Department
Editor-in-Chief, 'Anunaad'

Biotechnology Department

The Department of Biotechnology at JIIT, Noida is constantly evolving and excelling in their efforts to provide research and outcome based teaching and learning with active R & D environment. Department of Biotechnology has taken charge of various activities that have furthered the academic and research credentials of the department. The department has organised a three day International **Conference on Advances in Biosciences and Biotechnology (ICABB-2018)**. The conference provided a platform to academicians, researchers, scholars and technocrats from academic and industrial background to share their knowledge and experience, bridging the gap between various stakeholders of Biotechnology. A one day **workshop on Emerging Trends in Target Identification and Drug Design** was also organized prior to the conference which gave an opportunity to participants to hone their practical skills and interact with International Faculties/ Experts. As an institutional activity, the department of Biotechnology also took lead in organising the **workshop on Patent Analytics** which provided indepth knowledge of various patent techniques. The department had the privilege to host experts from reputed National, International organizations and Industry including: DRDO, DBT, NRDC, IGIB, DU, JNU, Jamia Hamdard, GE Healthcare, Reliance Life Sciences, TIFR, Mumbai, Abbott, CNPDTT, University of Auvergne, France, University of Nantes, France, University of Lille, France, University of Otago, Christchurch, New Zealand, Monsanto, Xcelris Genomics. These academic activities provided an intellectual platform for students to interact with the speakers of eminence and get abreast with the emerging technologies.

Faculty at the department of Biotechnology are actively involved in research and a total of 17 extramural research projects funded by DST, DBT, ICMR and AYUSH are currently ongoing. Research outcomes from these studies have fetched in 11 publications during the semester, in journals of international repute such as Molecular Genetics and Genomics, Biosensors and Bioelectronics, Medical Principles and Practice, and so on. Different studies have also been published as abstracts (total 108) in proceedings of the various national and international conferences. A total of 26 submissions were made to Genbank of NCBI in the past 6 months. Faculties have also published 2 book chapters in the books of international publisher such as Springer Nature. 2 PhD students have submitted their thesis in the areas such as: Biopolymers, Characterisation of miRNA from chick embryonic heart.

Department faculty and scholars have actively participated and won various prestigious awards and honors. For instance, one PhD scholar received C.C. Kartha Travel Award in 10th Indian Section Meeting of International Academy of Cardiovascular Science (IACS) held in Madurai, India, 8-10 February, 2018. Two PhD scholars received CSIR-SRF fellowship-2018.

The department has expanded its laboratory areas and installed additional laboratory equipments such as water bath, weighing balance, incubator shaker, ice machine, cyclomixer, pH meter, spectrophotometer, centrifuge, deep freezer (-80 C), and so on which are worth Rs. 15 Lacs for smooth functioning of laboratory based courses as well as research work.



Jaypee Business School

► Seminars

JBS began the Year 2018 with two seminars: One was on "Effect of Goods and Services Tax on Business and Indian Economy". GST is a new single indirect tax levied by government by scrapping number of taxes. The provisions are of great importance for one and all from a business point of view and personal understanding. Objective of the seminar was to enrich students of JBS faculty and others at JIIT with various provisions of Goods and Services Tax so that informed decision may be taken in business and personal taxation. This was conducted by Mr. Dhruv Kumar Agarwal, CA on January 31, 2018.

Another seminar was on "Budget 2018". Every year, new budget is presented which spells out the policies of the government for next year as also the tax changes both direct and indirect. The objective of the seminar was to enrich students of JBS, and others at JIIT with fiscal policy and new budget provisions of the central government as well as the government's agenda of growth. The finer aspects of budget and its implications for every citizen were elaborately presented and discussed by Mr. Sanjeev Kumar Tandan, CA on February 06, 2018.

► B-Plan Competition

JBS organized a competition titled 'Beyond The Classroom Activity' for Students of National Capital Region in the form of B-Plan (Business Plan). It was a competition involving teams from various institutes presenting their business plan and taking feedback from a reputed industry- academia panel. Eight teams presented their business plans before the Panel of Judges:

- Mr. C. Ravi Kumar, Alumnus, IIM Ahmadabad, Addl. GM, Power Finance Corporation
- Mr. Nirmal Kumar Bhesoni, Alumnus IIT Delhi, Insolvency Professional
- Prof. G. K. Agarwal, Faculty member, Finance Area, JBS

Auto Motors team from Jaipuria judged the winners. Teams from JBS, Equinox and Roofies stood first, second and third respectively. While the winners got winning certificates and cash prizes, remaining participants were awarded participation certificates.

► Industry Visit

MBA 2017-19 batch students visited the state of the art, HeroMoto Corp in Gurugram, along with faculty members. Students had a great learning experience in understanding management processes of the organization.

► Workshop

Like every year JBS conducted a workshop titled "Competency Development Program on Advanced Research Methodology," Workshop from 18-23 June, 2018. This workshop delved into the nuances of Research and how to advance analysis to conduct research. The workshop was attended by seventeen participants from Delhi/NCR.

► Curriculum Updates

Besides the above workshops and seminar, JBS had a brainstorming session on revisiting the curriculum for the MBA program for the XII and XIII Batch. This exercise was carried out in line with the perspective to map the model curriculum proposed by AICTE for the Management Program. The salient feature of the new curriculum is 'holistic development of students along with choice of specialization in various emerging areas of management.' In the revised curriculum, students can opt for Major and Minor specialization in their area of interest. After incorporating the suggestions, the new curriculum aims to further enhance the employability skills of graduating students.



Industry Visit to Hero-Moto Corp 2018



Competency Development Program
June 18-23, 2018



Business Plan 2018



Mathematics Department

The Department of Mathematics continuously endeavours to enrich itself through various academic activities. During the period Jan - Jun 2018, faculty members of the department published a good number of research papers in various SCI/Scopus index journals such as Physica Scripta, Romanian Reports in Physics, Results in Physics, International Journal of Data Analysis Techniques and Strategies, Cybernetics and Information Technologies, International Journal of Modeling, Simulation, and Scientific Computing, Multimedia Tools and Applications, Alexandria Engineering Journal, AIP Conference Proceedings and many more. These articles belonged to various research thrust areas of the department viz., fractals and chaos, mathematical analysis; numerical analysis and computational continuum mechanics and statistics, fuzzy, information theory and operations research. Further, one research scholar Kunti Mishra completed her Ph.D. during this period.

The department also organized an expert talk on the topic "Introduction to Document Image Processing", delivered by Dr. Partha Pratim Roy, Dept. of Computer Science and Engineering, Indian Institute of Technology Roorkee on January 06, 2018. This was widely appreciated by faculty members and research scholars of mathematics and other departments.

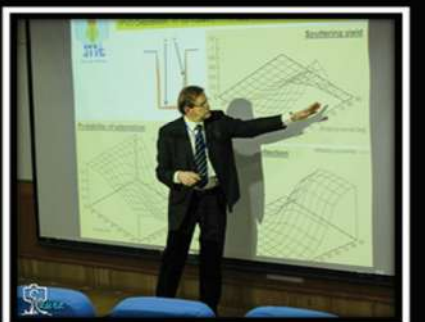
Head of the department Prof. Alka Tripathi, delivered an expert lecture on the topic 'Testing of Hypothesis and test of significance' at YMCA University of Science and Technology, Faridabad in March 2018. Another faculty member Dr. Anuj Bhardwaj delivered an expert lecture in a workshop on "MATLAB: Modeling Tools for Engineering Sciences" organized by the Department of Applied Sciences & Humanities, Raj Kumar Goel Institute of Technology, Ghaziabad in January 2018.

International Conference

*International Conference on Signal Processing and Communication
(ICSC-2018)
March 21-23, 2018*

Signal processing consists of representation and transformation of signals and the information that they carry. Over the years, signal processing has immensely developed to provide phenomenal growth in the area of microchips, digital systems and computer hardware. The applications of signal processing are vast and interdisciplinary, ranging from engineering to economics and astronomy to biology. The research in areas such as signal coding and de-noising have paved the path for these advancements. Recent decade has witnessed major revolution in communication and processing of digital media. As a consequence, solution to major problems in processing, transmission and reception have made signal processing an integral part of modern electronic and communication systems. Communication on the other hand plays major role in our day to day life. Communication technology helps in the advancement of modern systems to meet our need for efficient exchange of ideas. Current research includes the areas of cognitive radio and IOT. There is a need for providing a forum to scientists and researchers to discuss and put forward their ideas and research findings with the co-researchers from all across the globe. ICSC 2018 provided an opportunity to highlight recent developments and to identify emerging and future areas of growth in these fields. It further gave impetus to the researchers for proposing novel efficient techniques. Keynote speakers with their vast research experience in various research fields generated interest among participants for development of signal processing and communication engineering technology.

1. Photonic Crystal Fiber (PCF) Raman Amplifier by Prof. Banmali Rawat-Department of Electrical and Biomedical Engineering, University of Nevada, Reno Scrugham Engineering and Mines
2. Swarm Intelligence: Ant Colony Optimization Algorithms, Applications by Dr. Udit Kumar, Lead Member Consulting Staff, Mentor Graphics.
3. Health Hazards Related to Electromagnetic Radiation from Cell Phones and Cell Towers by Prof. Asok De
4. Terahertz Technology and Its Applications by Prof. Satyabrata Jit, HoD, Department of Electronics engineering, IIT, BHU
5. Optical Functions of Methanol and Ethanol in Wide Spectral Range by Prof. Michal Lesňák, Head of the Department, Department of Physics, VŠB-Technical University of Ostrava, Czech Republic.
6. Device and Technology Modeling and Simulation for Advanced Integrated Circuits by Prof. Reinhard Streiter, Professor, Fraunhofer Institute for Electronic Nanosystems (ENAS).
7. Smart Systems: Basics and Applications by Prof. Thomas Otto: Deputy Director of Fraunhofer ENAS and Head of Department
8. System Design Enablement: Looking beyond the Chip by Prof. Taranjit Kukal, Sr. Architect, Cadence Design Systems
9. Signal and Systems by Prof. Rajeev Saxena, Director Jaypee University Anoopshahr



International Conference

**International Conference on Advances in Biosciences and Biotechnology
(ICABB-2018)**

February 01-03, 2018

The Department of Biotechnology, Jaypee Institute of Information Technology, Noida organised a three-day International Conference on Advances in Biosciences and Biotechnology (ICABB-2018), from February 1-3, 2018. The conference provided a platform to academicians, researchers, scholars and technocrats from academic and industrial background to share their knowledge and experience, therefore, acting as a bridge between the scholars and industrialists. Fostering new collaborations and opportunities for young researchers are the expected outcomes of the conference as some of the keynote speakers from Europe, especially Prof. Savvas Savvides and Dr. Julie Bouckaert expressed the desire for the same. The Conference focused on five principal themes defining the advancements in the fields of biotechnology; Disease & Omics technology; Pharmaceutical & Medical biotechnology; Industrial Biotechnology; Agriculture & Environmental Biotechnology; Molecular Biology; Nanobiotechnology & Bioinformatics. Invited lectures were highly appreciated. Enthusiastic participation was witnessed across India. A Total of 50 oral presentations and 200 posters were displayed. Eleven enlightening talks delivered by the experts focused on:

1. Structure, mechanism and antagonism of protein assemblies pivotal to inflammation, autoimmunity, and allergy - Prof. Savvas Savvides, Belgium
2. CAPRI: The Diverse Challenges of Computational Protein-Protein Docking. Dr. Marc F Lensink, University of Lille, France
3. Sites for Dynamic Protein-Carbohydrate Interactions of o-, n-, s- and c-linked Mannosides on the *E. coli* FimH Adhesin - Dr. Julie Bouckaert, France
4. Human Antibodies: Generation & Applications - Prof. V.K. Choudhary, UDSC, New Delhi
5. NMR of Complex Biological Systems and Mixtures- Prof. R.V. Hosur, TIFR, Mumbai
6. Adherent-invasive *Escherichia coli* in inflammatory bowel disease - Prof. Nicolas Barnich, University of Auvergne, France
7. Understanding Disease Heterogeneity in Era of Personalized Medicine - Dr. Anup Madan, USA
8. Diagnostics for the Developing World: A look at the challenges and opportunities - Dr. Shikha Sharma, Abbott, Mumbai
9. Optimizing Plant Feedstock for Biofuel Production - Dr. Rita Sharma, School of Computational and Integrative Sciences, JNU, New Delhi
10. Current trends in New Drug Discovery- Prof. T. P. Singh, AIIMS
11. Synthetic Biology: Emergence of a novel drug discovery platform - Prof. Pawan K. Dhar, School of Biotechnology, JNU, New Delhi



National Conference

**National Conference on Advanced Materials and Nanotechnology
(AMN-2018)
March 15-17, 2018**

Primary aim of this National Conference was to bring together leading academicians, scientists and researchers to exchange and share thoughts, experiences and research outcomes on all aspects of functional/engineering materials and their application in nanotechnology and other devices. In this conference, 11 technical sessions, two which were run parallel, and a poster presentation were featured. A substantial number of participants, not only from every corner of the country but also from abroad, participated in this three day conference. The conference comprised of 2 plenary talks, 9 key notes talks, 13 invited talks, 15 oral talks and 87 poster presentations. The Department received a total of 171 abstracts for the conference and 149 were presented during the conference. To name a few:

1. Phase Transitions in Magnetic Shape Memory Alloys by Prof D Pandey, IIT BHU
2. 0D, 2D and 3D Graphene and Derivatives: Synthesis and Applications in Cancer Therapy by Prof. D Bahadur, IIT Mumbai
3. Quantum Criticality, Charge Density Wave and Superconductivity in RT_2X_2 ($R = La, Ce, Pr$; $T = Cu, Pt, Fe$; $X = As, Si, Ge$) by Prof Zakir Hossain, IIT Kanpur
4. Effect of Self-interaction of an Ultra-short Pulse in a One-Dimensional Nonlinear Chalcogenide based Photonic Crystal by Dr A K Hafiz, JMI Delhi
5. Investigations on Ceramic Dielectrics for Microwave Applications by Prof D Kumar, IIT BHU
6. A Route to Permanent Valley Polarization in Monolayer MoS_2 by Dr Nirpendra Singh, KAUST
7. Metrology: The Pillar of India's Quality Infrastructure by Dr D K Aswal, Director, NPL Delhi
8. Synthesis, Crystallization, Microstructure and Mechanical Behavior of Silica and h-BN Based Bio-composites for Bone Implant Applications by Dr C R Gautam, Lucknow University
9. Crystal Structure and Phase Transitions Studies on Some Multifunctional Perovskite by Dr A K Singh, IIT BHU
10. Ceria Based Solid Electrolytes for Intermediate and Low Temperature Solid Oxide Fuel Cells by Prof Om Prakash, IIT BHU
11. 3-D network of MoS_2 flakes for next generation low power and room temperature hydrogen sensor by Dr Mukesh Kumar, IIT Ropar
12. Multi-functionality of Nano-structured GaN films by Prof S M Shivaprasad, JNCASR
13. Potential Advanced Materials and their Role in Industries 4.0 by Dr S K Mishra, QCI Delhi
14. Resistive Switching Mechanism in Niobium Oxide Thin Film for Future Non-Volatile Memories by Dr Ajeet Kumar, NPL Delhi
15. Electrocaloric Effect in Ferroelectric Ceramics by Dr Poonam Uniyal, TIET Patiala
16. Two-Dimensional MoS_2 Layered systems grown by Pulsed Laser Deposition technique for Optoelectronic Performances by Dr Prabir Pal, NPL Delhi
17. Topological Insulators; the Newest Wonder Materials from Insulator to Superconducting and Beyond by Dr V P S Awana, NPL Delhi
18. Time-Reversal Symmetry Breaking in Topological Superconductor by Prof S Patnaik, JNU Delhi
19. Electrolyte Materials for Solid Oxide Fuel Cells by Prof Prabhakar Singh, IITBHU
20. Rational Design of Functional Materials by Prof A K Tyagi, BARC Mumbai
21. Surface-Directed Phase Separation by Prof Sanjay Puri, JNU Delhi
22. Interfacial Energetics in Hole Transporter Free Perovskite Solar Cell by Dr. Manoj Kumar, PDPU Gandhinagar



Workshops

RESEARCH PAPER WRITING

January 19-20, 2018

The objective of the workshop was to strengthen the skills and knowledge of Research scholars/Academicians in publishing scientific research findings in peer reviewed journals. The workshop covered research process in a nutshell; an introduction to literature sources; writing a quality technical paper in IEEE; working knowledge of Reference management software Mendeley, citation styles, ways to avoid plagiarism; art of writing research papers and the publishing process and lifecycle of a manuscript. The workshop was attended by a total of 117 participants.



1. Research process in a nutshell by Mr. Sanjeev K Sunny, Deputy Librarian at IIT Roorkee.
2. Writing a Quality Technical Paper in IEEE by Mr. Dhanu Pattanashetti, Client Services Manager at IEEE, Bangalore.
3. Case Study by Mr. Vaibhav Singhal, JBS Alumni, CEO, Crocol Innovative Technologies.
4. New Venture Challenges by Mr. Samrat Sharma, JBS Alumni, Analyst, GoNews.



Emerging Trends in Target Identification and Drug Design, January 31, 2018

The workshop aimed to provide a platform for sharing knowledge and latest research findings to identify the knowledge gaps for bench to bedside research translation and to promote collaborative interdisciplinary research amongst academicians, researchers and industrial experts from different parts of the world.

1. Use of probiotic yeast in Crohn's disease against AIEC by Adeline Sivignon. University of Auvergne, France
2. Inhibitor screening against the β -clamp of *H. pylori*. by Dr. Samudrala Gourinath, School of Life Sciences, JNU, New Delhi
3. Synthetic glycoconjugates as *E. coli* and *A. fumigatus* antiadhesives by Sébastien Gouin, University of Nantes, France
4. Cryoelectron microscopy: Recent advances and applications by Dr. Manidipa Banerjee, IIT, New Delhi
5. Design and Screening of Sugar-Derived Small Molecule Inhibitors of Galectins by Cyrille Grandjean, Université des Sciences et Techniques de Nantes, France
6. NMR and Calorimetry techniques for Protein interactions by Dr. Neel S. Bhavesh, ICGEB, New Delhi
7. Challenges in Protein Crystallization & Data processing by Dr. Ethayathulla Abdulsamath, AIIMS, New Delhi
8. Surface Plasmon Resonance: Introduction and Application to Drug Discovery by Dr. Likhesh Sharma, Application Scientist, GE Healthcare

Workshops

Role of Literature and Theatre in creating Gender Sensitivity January 19, 2018

Being aware is the first step towards bringing about a change. There is a dire need in our society to look at gender equality with utmost importance. With this key idea, the workshop aimed to enlighten the students regarding the role of Literature and Theatre in creating Gender Sensitivity.

The first session was a brief introduction of the guest speaker Ms. Shilpi Marwaha and her contributions in theatre. It was followed by an introductory note on the very purpose of the workshop. Ms. Marwaha delivered a wonderful lecture, giving insights into the various aspects of Classic Theatre. Theatre is a form of art, which expresses human feelings in the purest form using the 5 senses. It brings out the inner emotions and feelings. The dialogues which come from the heart are portrayed to the audience and signify true human character in various forms of life.

During the lecture, Ms. Marwaha interacted a lot with the students and discussed Feminism and Gender Discrimination in great depth. She gave the students ideas and examples of how women across India are suffering and being humiliated. She also suggested meaningful ways to tackle things and situations considered 'taboo' in India. The students could relate to almost everything she said as her discussion used very simple and precise words.

The second session was initiated by Nukkad Natak – a play, Dastak which depicted feminism and other issues faced by women on the grounds of gender discrimination. It portrayed how women are humiliated in the public and how a girl child is neglected by our society. It surely made the students more aware about the wrong happenings in our country. The short play had 5 different scenarios which showed how a woman has to deal with situations ranging from eve teasing to forceful girl child abortion. Overall, it was a great learning experience.

Shilpi Marwaha is an Actor, Theatre Artist, Director, Social Activist, Writer, Founder & Creative Head at Sukhmanch Theatre. She is one of the well known names in Delhi Theatre Circuit for having worked as a theatre artist and activist for the past decade. She gained prominence through her activism exhibited through street theatre during the "anti corruption movement" in Delhi. She actively campaigns and held protests to raise her voice against the horrific Delhi Gang Rape case, also known as "Nirbhaya" or "Damini" case. She has been awarded the first Sarla Birla Award and AAS Excellence Award 2016 for her active participation in women empowerment initiatives.



Workshops

Workshop for Lab Technicians June 25-30, 2018

The main objective of the workshop was to provide the lab technicians knowledge of installation of Unix operating systems, its capabilities, file system, basic commands, Samba, network topologies, windows server, its integration with Unix, windows-Unix interoperability and data sharing, client server architecture, basic concepts of networks such as OSI model, introduction to VLAN, L2 switching, basic routing and installation of LANs, computer hardware, the processors, memories, motherboards, different add-on cards and other peripherals. Another important objective was to impart knowledge about the troubleshooting and fault analysis and fault isolation in the computers and peripherals. All sessions were accompanied with demonstration and hands on sessions. Following topics were covered during the workshop.

1. Unix Operating system
2. Basic concepts of Networks (Windows server, its integration with Unix, Windows-UNIX Interoperability and Data Sharing, Client Server Architecture Unix, Basic concepts of Networks, Introduction to VLAN, L2 Switching, basic routing and installation of LANs).
3. Computer Hardware
4. Trouble shooting (troubleshooting and fault analysis and fault isolation in the computers and peripherals)



Workshops



RECENT TRENDS IN COMPUTATIONAL PHYSICS April 06-08, 2018

The workshop focused on the recent developments in computational aspects of plasma physics, photonics, quantum computation and statistical physics. The workshop included a series of lectures on the techniques of Computational Modeling and Simulation. In addition lab sessions gave a hands on experience of software packages of MATLAB, MATHEMATICA and PHOTON-D and simulation techniques like PIC and Monte Carlo simulation.

1. Let's Play with quantum computers by Prof. Anirban Pathak, IIIT, Noida
2. Numerical simulation of laser plasma interaction and space plasma by Prof. R. P. Sharma, IIT Delhi
3. Alfvén waves in Tokamak plasma by Dr. Anuraj Panwar, IIIT, Noida
4. Photonic Crystal based devices by Prof. R. K. Sinha, Director, CSIR-CSIO
5. Monte Carlo simulation and optimization by Dr. Vikas Malik, IIIT, Noida
6. Domain growth in disordered systems by Prof. Sanjay Puri, JNU, New Delhi

Soft Computing and Language Processing April 27-28, 2018

Soft Computing and its applications are used to solve complex real-world problems where traditional methods generally fail. Major constituents of soft computing techniques are fuzzy logic, evolutionary algorithms, Neural network, Machine learning techniques. The objective of the workshop is to explore the applications of soft computing techniques in Language Processing.

1. Introduction to deep learning by Dr. Mukesh Saraswat, IIIT, Noida
2. Language Technology Resource Development and the Big (Linguistic) Data Complexities by Prof. Girish Nath Jha, JNU, New Delhi
3. Building Question-Answering System Based on Unstructured Text Using NLP Techniques by Deepak Saini, Sapient Global, Noida
4. Machine learning approaches for natural language understanding by Shampa Chakraborty, Prof. and Head of Computer Science Department, NSIT, New Delhi
5. Dialect Analysis and Generation by Aakansha Bhardwaj, IIIT, Noida
6. POS Tagger and Machine Translation Approaches for Indian Languages by Arti Jain, IIIT, Noida
7. Machine Translation on Indian languages by Vimal Kumar, IIIT, Noida



Faculty Development Program

Competency Development Programme On Advanced Research Methodology June 18-23, 2018

Co-ordinators: Dr. Moonis Shakeel and Dr. Rajnish Kumar Misra

The primary aim of this FDP was to train the faculty and researchers in advanced research methodology in a manner that leads to authentic and high quality research. The FDP provided exposure to the participants on research problem formulation and application of appropriate research design. It enhanced the skills of data generation, data processing and statistical analysis at both the basic and advance level. It also sharpened teaching and research skills of teachers, researchers and trainers.

Dr. Moonis Shakeel: Data Screening and Management, Data Analysis

Dr. Rajnish Kumar Misra: Introduction to Research, Research Design, Data & Sample Design

Dr. Vandana Ahuja: Introduction to Research

Dr. Rahul Sharma: Scientific Reporting



Summer School

Summer School On Security in Computing June 25-July 07, 2018

The Summer School on Security in Computing was inaugurated with the goal of bringing together the researchers, experts from academia and industry as well as practitioners to share ideas, problems and solutions related to the multifaceted aspects of Information Security. The target was to focus on the latest trends, techniques and application areas requiring security. On this platform, we brought together all different perspectives of modern day security.



1. Ms. Rama Vedashree, CEO, Data Security Council of India, (Industry academia collaboration), Keynote speaker
2. Dr. Gaurav Gupta, (Digital document fraud), Adjunct faculty, IIIT Delhi
3. Mr. Jiten Jain, (Malware Analysis), C.E.O, Indian Infosec Consortium, Delhi
4. Mr. Vaibhav Gupta, Security Researcher at Adobe, and Mr. Sandeep Singh, Leader at OWASP, Null, & BSides Delhi, (Application Security)
5. Inspector Sajjan Singh (Real time evidence collection and forensics), Cyber Lab, Delhi Police.
6. Mr. Prashant Kaushik (Cyber Security Threat Analysis using Deep learning), Assistant Professor, IIIT, Noida
7. Dr. Rahul Johari, (Security Issues in Wireless Network: Concepts and Challenges), Assistant Professor, USIC, GGSIP University, Delhi
8. Mr. Nishant Hooda, Systems Engineer lead, and Mr. Akshat Mohindra, Education Business Lead (Commercial), (Network Security), CISCO
9. Mr. Robin Verma, TCS Research Scholar, IIIT Delhi, (Designing an automated, privacy preserving and efficient digital forensic framework).
10. Mr. Vishal Chandra Gupta, Senior Technical Manager, HCL Technologies, (On Chip Encryption and Decryption).
11. Prof. Krishna Asawa, Professor, IIIT Noida, (Quantum Cryptography).
12. Dr. Siddhartha Asthana, Senior researcher, OGS Analytics, (Machine Learning Approach for Anomaly Detection).
13. Dr. Niharika Sachdeva, Principal data scientist, Infoedge, (Digital Privacy landscape in India).
14. Dr. Niyati Baliyan, Asst. Professor, IGDTUW Delhi, (Improved Malware Detection using Multilevel Ensemble Supervised Learning).
15. Dr. Sangeeta Mittal, Asst. Professor, IIIT Noida (Securing the Network using Kali Linux).
16. Mr. Puneet Mehta, Chief Technologist and Principal Advisor-Cyber Security and Risk, SDG Software India Pvt Ltd, (Software Development Lifecycle).
17. Mr. Vaibhav Jha, Founder and CEO, InterSquad Cyber Intelligence Pvt Ltd, (AI in Cyber Security).
18. Dr. Gagandeep Kaur, Asst. Professor, IIIT Noida, (BOTNETS and detection).
19. Mr. Tarun Khattar, Assistant Consultant, TCS, Gurugram, (Database and Data Security).
20. Mr. Rakshit Tandon, Cyber Security Expert and Consultant Safe Surfing Campaign at IAMAI Internet and Mobile Association of India, (CyberSuRakshit)
21. Dr. Parmeet Kaur, Asst. Professor, IIIT Noida, (Big Data Security).
22. Mr. Rishabh and Mr. Eshan Aswar, KPMG Cyber Security, (Disrupting Cyber security)
23. Mr. Deepak Dimri, Senior Staff Engineer, FireEye's, (AWS Cloud Security)

Industry/Academia Dialogue

"Role of E-office in improving Policy Making In India", Mr. Gaurav Jha, Assistant Director, Department of Economic Affairs, Ministry of Finance, New Delhi, India, January 23, 2018.

"Budget 2018", Shri Sanjiv Kumar Tandan, Chartered Accountant, Advocate, India, February 02, 2018.

"Role of Soft Skills in enhancing Employability", Prof. Archana Shrivastava Head, Business Communication, BIMTECH, Greater Noida, India, March 12, 2018.

"Novel Functional Materials: For Green Energy", Prof. K.L. Yadav, Head, Department of Physics, IIT Roorkee, Uttarakhand, India, May 23, 2018.

"Effect of GST on Business and Indian Economy", Shri Dhruv Kumar Agarwal, Chartered Accountant, India, January 31, 2018.

"How to do well in Group Discussions", Mr. Ankur Jain, Chief Knowledge Expert, Triumphant Institute of Management Education Pvt Ltd, India, February 06, 2018.

"Recent advances in the organic solar cells based on fullerene and non-fullerene acceptors with low voltage loss and high power conversion efficiency", Prof. Ganesh. D. Sharma, Dean Research and Development, The LNMIIT (Deemed University), Jamdoli, Jaipur, India, April 13, 2018.



Learning Resource Center

Book Exhibition



LRC organized Book Exhibition twice during the period. Once in August and second one in November. Approximately 30 well known international and national publishers participated in the exhibition. To name a few, established book houses like McGraw Hill Education, Prentice Hall, Sage, Cambridge, Pearson, Wiley, Cengage (Thomson), Jaico publishing house, Ane Books, I.K International, CBS Publication, BPB Publication, Himalya Publication, Vikas Publication, Orient blackswan, S.K Kataria & Sons, Scitech, Khanna Publishers, Narosa Book Distributors, Oxford, New Age International, Taxman Publications, Shroff Publishers & Distributors Pvt. Ltd and many more.

Department Wise Summary of Print books added in LRC between January-June, 2018

S.No.	Department	Total No. of Titles (Approx.)	Total No. of Volumes (Approx.)
1	Computer Science & IT	112	673
2	Humanities and Social Science	299	546
3	Biotechnology	106	261
4	Electronics and Communication	60	541
5	Mathematics	25	270
6	Physics, Materials Science and Engineering	23	183
	Total	625	2474

CONVERGE LAUNCH (January 16, 2018)

Converge is JIIT-128's annual techno-cultural-sports festival. The launch event for converge was organized to make the new students aware of the festival and motivate them to enthusiastically take part in the fest.



BOLLYWOOD MUSIC PROJECT (BMP) PROMOTION (January 25, 2018)

Touted as Asia's Largest Bollywood Music Festival, BMP curates experimental Bollywood music through Bollywood's biggest headliners for South Asian Hindi speaking digital audiences globally. The Bollywood Music Project took place in Delhi on January 27-28, 2018; where more than 100 of the biggest names in Bollywood Music including Arijit Singh, Amit Trivedi, Vishal Shekhar, Rekha Bharadwaj, Badshah, Raftaar, Neeti Mohan and Sachin Jigar, along with 200 plus musicians, performed to a crowd of over 50,000 people in a multi-stage, multi-genre format. Digitally, BMP has engaged over 80 million fans. This year JYC organized a promotional event for Bollywood Music Project at JIIT 128 as an engagement activity for students during promotion of converge 2018.



ABHIVYAKTI: THE DRAMATICS HUB

RIHAA (THE STREET PLAY): A nukkad natak event wherein street plays were performed on important society issues. A platform to showcase acting, expression and script skills.

ABHINAY (THE STAGE PLAY): A theatre event wherein performances are on various famous plays. A platform that tests dramatic skills more efficiently.



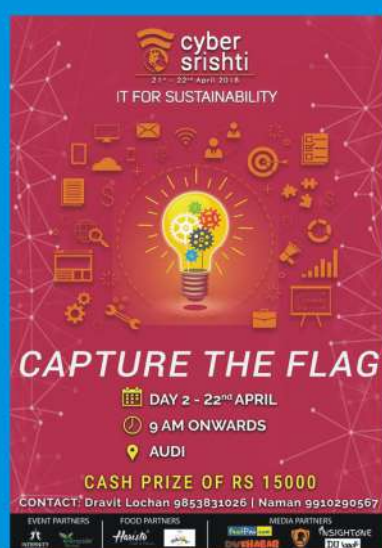
Google

Developers' Group

Googled About Google: Conducted on Feb 25, 2018. Over 60 people participated in this event. The event was a competitive game focused on assessing how much one knows about the revolution called Google and its various labs and products. Different rounds of the game had questions in various styles. Each round offered an all-together distinct, puzzling, challenging and equally intriguing task in itself.

Pandoras Box: On Feb 24, 2018, over 100 people participated in this event. A one and only kind of treasure hunt organized by the hub DSC and played on android devices going completely digital. It was a treasure hunt, where simple decoding took you to different locations in the college and finally helped retrieve the treasure.

Capture The Flag: April 22, 2018. Based on the concept of open book test, participants could use every possible resource including access to the internet to solve maximum possible questions in the given time period and win amazing cash prizes. Over 50 students participated in the competition being introduced for the first time in the college.



DANCE HUB

GROOVE (THE WESTERN DANCE): Vam Unique, the western dance society of the institute organized one of the most spectacular events in CONVERGE where teams from reputed institutes participated to show all their skill in different western dance performances from hip hop to salsa.

SABRANG (THE INDIAN DANCE): Organized by bhangra society, the Indian dance teams performed classic moves in modern styles from bhangda to kathak.



CONVERGE (February 3 - 4, 2018)

Converge is the annual cultural-technical-sports fest organized by Jaypee Institute of Information Technology, Sector 128, Noida. One of the biggest across Delhi-NCR, Converge has turned out to be a huge success. Creativity and innovation are the two energies which fueled its success. Such events make versatile engineers and managers. Converge cultivates knowledge, imbibes culture, engraves team spirit and inculcates the feeling of unanimous rejoicing.



JIIT YOUTH MARATHON (February 03, 2018)

Promoting the social cause SAVING THE GIRL CHILD and GENDER EQUALITY, the JIIT Youth Marathon witnessed a whole hearted participation of 1K students. The event was a 5 km run, inside the premises of Jaypee Wish town Noida.

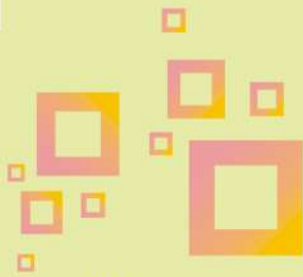


FAREWELL (Batch of 2014-2018)

As the session draws to a close, Aspirations about a beautiful and successful life awaiting an individual create an excitement along with a sense of nostalgia and sadness which difficult to put into words.

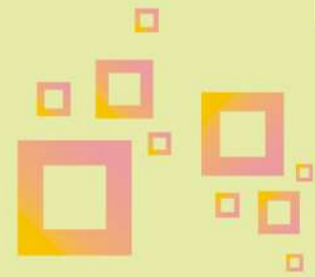
JIIT Sector 128 organized a Farewell Party on 9 May, 2018 to celebrate some beautiful moments for the graduating students.





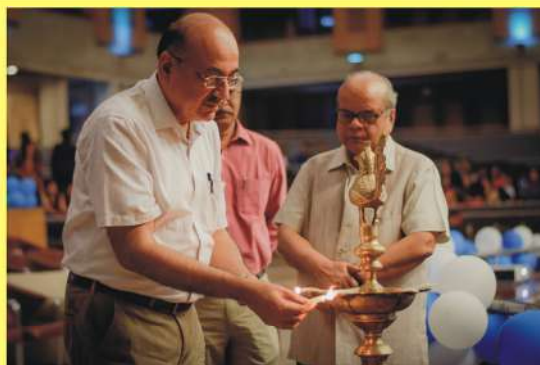
Farewell

Batch 2014 - 2018



“ All changes, even the most longed for, have their melancholy; for what we leave behind us is a part of ourselves; we must depart this life before we can enter another. ”

- Anatole France



FLASH MOB CONVERGE (February 1, 2018)

Few days before converge, a flash mob was organized. It filled the entire college with energy and set the mood for the Institute fest.



FORTISSMO: THE MUSIC HUB

ACCOUSTICA (SOLO SINGING): A platform for a singer to show his/her talent in music whether, traditional, jazz, pop or rock. The contest judges tonality, rhythm and vocals.

CRUSADE (BATTLE OF BANDS): The participating bands set the mood for any event with their instruments and magical voices. From the drum beats to the electric guitar tones, voices create a feeling of a war between bands. It was a soulful spectacle!

BEAT BOXING: A form of vocal percussion primarily involving the art of mimicking drum machines, using one's mouth, which may also involve vocal imitation of turntablism, and other musical instruments. The participants engage in a healthy competition with their musical talent.



Informals

A consortium of events: Dubsmash Contest, Fuzzy Cricket League, Beg Borrow Snap, Draw the King, Chair Hustle, Au Pair, J Roadies, Logo Quiz, Tug of War, Sherlock 101, Entertainment Trivia, Mini Militia, and Quizzing.



- X was nominated for Y in 1937, 1938, 1939, 1947 and finally, a few days before he was murdered in 1948.
- In 1948, the year of X's death, the Y Committee declined to award a prize on the ground that 'was no suitable living candidate' that year.
- Later, when the Dalai Lama was awarded the Y in 1989, the chairman of the committee said that this was 'in part a tribute to the memory of X'.
- Identify X and Y.

I CREATE

Events held by I-Create from January 2018 to June 2018 were Thumfie, Pictogram and Suspicious Companion. Thumfie event was held on February 24, 2018 in which participants had to cut and paste; qualifying teams were selected to go on to the second stage. In the second stage, teams had to do a thumb painting using thumb impression of as many people as they could. The team that completed the painting within the given time frame were declared as winners. Pictogram event was held on February 24, which included rounds of Pictionary, selected participants had to make a sketch, blindfolded while instructions were given by his or her partner. Suspicious Companion event was held on February 25, 2018 in which one participant drew, taking the hints given by the other participant. Half of teams went to the second stage. Teams were then given some clues and hints at different points and they were needed to reach a particular location based on clues and do a performance. Only half of teams qualified for the third stage. In last round teams had to solve a puzzle.



Graficas - Graphics and Animation Hub

Events Conducted in the semester:

- ▶ Introduction to the Hub and its activities during First Year Orientation Session.
- ▶ Hub Orientation and Workshop on Photoshop (3 Days).

There are about 55-70 active members in the group along with volunteers and organizers.

The Hub conducted activities during Cyber Shruti and Impressions 2018.



Kalakriti

Kalakriti provides a platform to young engineers to showcase their creativity and artistic capabilities. This hub unleashes the artistic and creative ideas of students by organizing various competitive and non competitive activities throughout the year. It provides students an opportunity to follow their artistic pursuits and release their stress. With activities like Sand art, Rangoli, Junk Rangoli, Poster making, Graffiti, the young engineers not only learn and show case new art forms but also find it a pleasant break from the humdrum of everyday existence.



JPEG Events

Piksel 2K18: Piksel was one of the events in two day techno-cultural festival, Impression 2018. It was an online photography competition, where participants were required to submit their captured photographs on the following themes: Night Lights, Pattern Breaking, and Photojournalism through B&W (black and white).



Just Do It: Just Do It was one of the events in the two day techno-cultural festival, Impression 2018. It was a task based photography competition, where students were given some clues and were required to capture the photographs after performing the tasks based on the clues.

Mr. and Miss. Photogenic: Mr. and Miss. Photogenic was one of the events in the two day techno-cultural festival, Impression 2018. In this event, participants were asked to visit the photo booth made by the event organisers and capture photographs and submit it to the coordination team. Depending on the judgement criteria, the most beautifully captured photographs of a male and female participant were awarded as Mr. and Miss photogenic respectively.

Clicks & Strokes: Clicks & Strokes was one of the events in two day technical festival, Cyber Srishti 2018 conducted on April 21, 2018. Clicks & Strokes was a two round individual event, which encouraged students to submit their artwork online (round 1). Based on maximum likes and shares on social media, out of 40 submissions, top 20 photographs and artworks were displayed in the art gallery in the second round.



KNUTH Programming Hub

KNUTH Cup 2K18 (Qualification Round): It was a long ACM ICPC styled online coding competition conducted at the HackerEarth platform on Feb 24, 2018. In total, 210 teams (maximum of 3 students) participated in the qualification round of the KNUTH Cup 2K18.

KNUTH Cup 2K18 (Final Round): It was 3 hour long ACM ICPC styled onsite coding competition conducted on Feb 24, 2018. 70 teams that were shortlisted (after qualification round conducted on Feb 20, 2018) participated in the Final Round.

Execute 18.1 (Onsite Round): It was 4 Hrs. long ACM ICPC styled onsite battle of algorithms and programming skills conducted on the HackerRank platform. In this battle, participants in team of maximum 3 students were asked to design optimized algorithms for given problems. In total 10 problems of varying nature and complexities were given to the participants. Problems were designed around the pervasive theme of the tech-fest (Cyber Srishti 2018), "IT for Sustainability".

Microcontroller based systems and robotics hub

Microcontroller based systems and Robotics Hub (iCR), is the Robotics hub of Jaypee Institute of Information Technology. We develop and promote the interest of students in both manual and autonomous robotics. Our students have been performing exceedingly well not only in our college events but also in the intercollege events organized by IITs, NITs and DTU.

We organize various events and workshops in our college for promoting the interest of students. We have organized manual as well as autonomous events in the college annual fest IMPRESSIONS and technical fest CYBER SHRISTI. We work on the concept of give and take. The third and fourth years conduct workshops for second and first years in their specialized fields and they pass it on further to their juniors. This process of teaching engages more participation and helps to learn new things every day.

Events and Workshops Organized

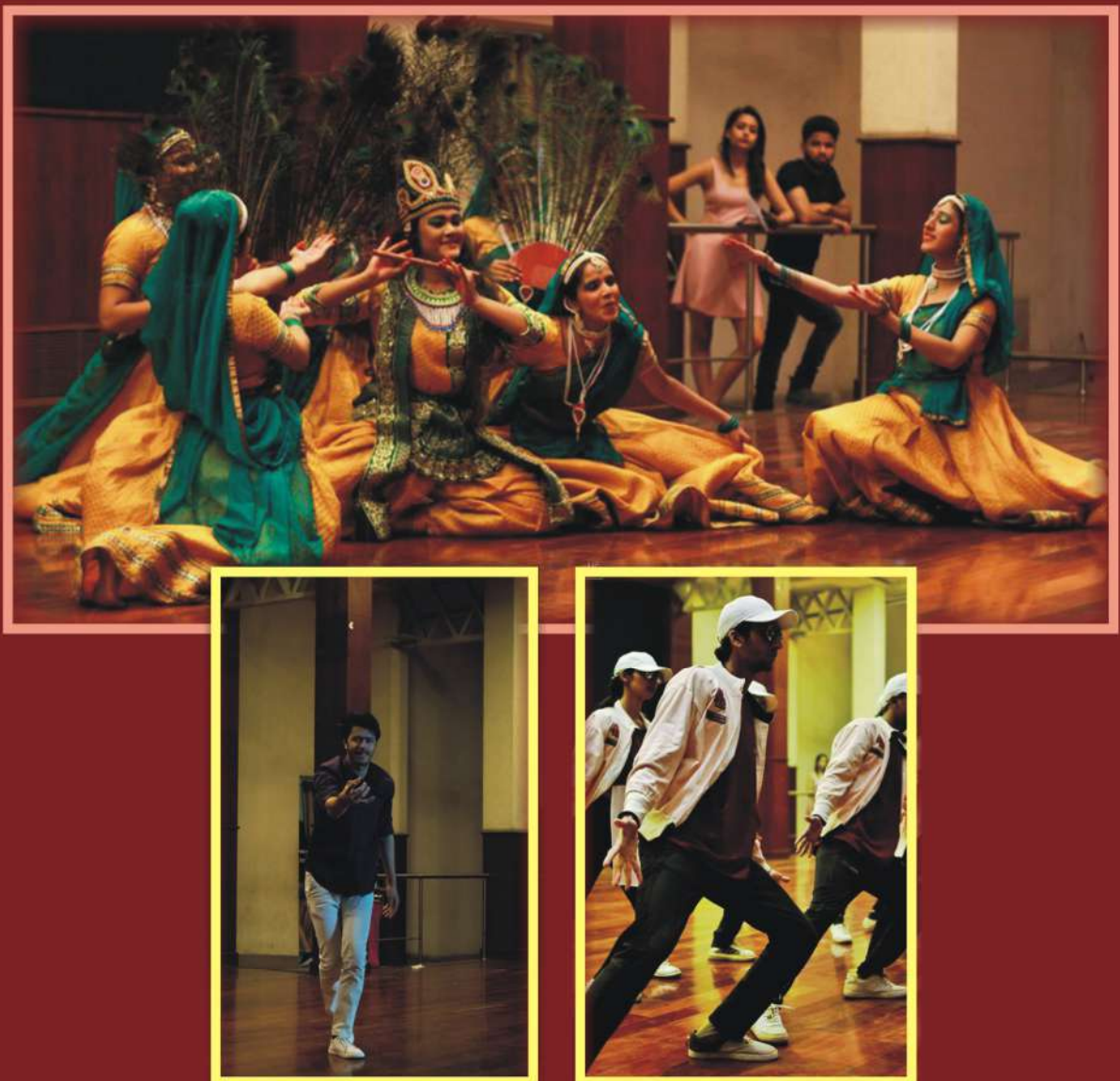
- ▶ Organized **Autonomous workshop** from **January 15, 2018 to January 30, 2018** from 5:00 P.M. to 7:00 P.M with a total participation of more than **300 students**. Students were taught the basics of Arduino and coding on it to prepare an autonomous bot.
- ▶ Organized **Blaze-A-Rush** on **February 24, 2018** from 9:00A.M. to 5:00P.M. at JBS Atrium. **35 teams (around 140 students)** participated with 4 students each. The competition was to design a line follower to escape all the obstacles and reach the finish line.
- ▶ Organized **Kick-O-Bot** on **February 24, 2018** from 9:00A.M. to 5:00P.M. at JBS Atrium. **75 teams (around 150 students)** participated with 2 members each. It was a soccer game played by two teams at a time.
- ▶ Organized **Brettspiel** on **February 25, 2018** from 9:00A.M. to 5:00P.M. at JBS Atrium. **70 teams (around 280 students)** participated with 4 students each. In this event the opposite teams had to fight with their manual bots with each other for its eternity.
- ▶ Organized **Kodo-Fiesta** on **February 25, 2018** from 9:00A.M. to 5:00P.M. at JBS Atrium. **35 teams (around 140 students)** participated with 4 students each. It was an autonomous coding event.
- ▶ Organized **Aerated Run** on **April 21, 2018** from 9:00 A.M. to 5:00P.M. at JBS Atrium. **80 teams participated with 4 members each (320 students approximately)**. In this event the manual bots had to be constructed to race against the opponent team and reach the final destination.
- ▶ Organised **Amigo Robo event** on **April 22, 2018** from 10:00 A.M to 5:00 P.M. at JBS Attrium. **50 teams participated with 4 members each (200 students approximately)**. This was a dual event where a combination of autonomous and manual bots had to reach the finish line with mutual coordination.

Jhankaar

Dance hub of IIIT

IMPRESSIONS'18 (February 24, 2018 - February 25, 2018)

Jhankaar, in association with IIIT Youth Club, organised one of the most delightful events of Impressions, the 'Dance of Fame'. It was a Group Dance competition which specifically focused on competition for western and folk dance. 'Fire Groove'- The Solo Dance competition where one gets the opportunity to portray their talents which includes two rounds 'Jhoom Le Zara' - On The Spot competition where one can register on the spot and show off their dance skills. This consisted of two rounds. The first round was the eliminating round and second was the face off round. In the above mentioned events, students from different colleges participated and they were a great center of attraction. The performances are usually conducted with huge enthusiasm and vigor, bringing new talents each year.



The Page Turner Society

The PageTurner Society is the books hub of IIIT. Members of the society enthusiastically conducted a number of events during the students' fest Impressions as well as other events. Event Pic-a-Boo involved Pictionary and a written quiz. In Wordsmith Hunt, participants had to construct a story based on clues written on chits selected by them. The stories were judged on the basis of grammar, creativity and theme incorporation. Comunicà was a writing workshop and giveaway contest. The author Chaitanya Saini, an alumnus of IIIT, conducted the workshop and announced the winner of the giveaway. For the giveaway contest, participants had to mail a short write up describing their idea of 'The Perfect Drug' – the main criteria of evaluation being creativity



Adwitya

Following are the events that were conducted by Adwitya hub during Jan-July 2018

Cherades Muets: This event was organised in two rounds. In round one, students played crossword and selected students progressed to the second round. In round two, participants played dumb charade.

Boulevard of Enigma: Participants of the selected teams were blindfolded and asked to pick up defined objects by covering a certain pathway under the guidance of his/her team mate. Scoring criteria was disclosed at the time of event.



PANACHE: THE FASHION SHOW

POISE (THE FASHION SHOW): Beauty and charm defines how one carries oneself. The flamboyance of the participants make heads turn when they walk down the ramp.

Mr & Miss CONVERGE: Intra institute fashion show where students showcase their style, beauty & charm to win the coveted title of Mr/Miss converge.

CAMPUS PRINCESS: An opportunity to showcase grace and will.



Radiance Hub

Radiance Hub flaunts prime stage events with overwhelming participation during auditions in Ebullience, IIIT Fresher's Party and Impressions, IIIT Cultural Festival.

Some of the flagship events by Radiance include: Mr. and Ms. Ebullience, Mr and Ms Impressions, Theme Walk and Mini Stars.

Radiance strives to stimulate stage confidence in students, magnifies their aura during national/international events and opens new vistas to polish extempore skills in jitiations.



PRO NIGHT'S AT JIIT 128

DAY 1: ASEES KAUR

Day 1 of CONVERGE witnessed the sensational singer Asees Kaur. With about 3000 people in attendance, this was an amazing evening to remember. She kept the crowd engaged with a number of bollywood and her own album songs.

DAY 2: SUNBURN CAMPUS – TERI MIKO and RAVE & CRAVE

Day 2 saw a bigger crowd of 4000 people swaying to the beats of Sunburn Campus – Teri Miko. And that's not all. The opening acts by Rave & Crave left the crowd begging for more. That evening is something everyone will definitely remember for the rest of their lives. All in all, the pro nights of JIIT give every JIITian something to look forward to and something that will stay with them forever.



RIBOSE EVENT-2018

Ribose-The technical Hub Biotechnology organized three events during IMPRESSIONS-2018, the techno-cultural fest of IIIT. The hub events witnessed participation of more than 500 students.

Event 'Entroido' was a fun event with multiple short brain-storming activities including preparation of a hypothetical model. The event was based on the theme of the fest 'Carnival'. More than 400 students participated in the event. There were around 120 external participants also.

'Masquerade' was a fun filled technical event with participation of more than 100 students. It was a quiz competition performed in two rounds. The questions were based on the theme of science and society. Winners were duly awarded.

'Chasse Au Tresor' was a mystery decoding event based on clues provided by the organizers. The event had participation of 70 participants who compete to decode the assigned task in defined time interval. Winners were duly awarded with by JYC.

Sports



Students took part in various sports activities including Cricket, Football, Badminton, Lawn Tennis, Basketball, Table Tennis with full enthusiasm and zeal.



The Thespian Circle

Theatre Hub of IIIT

The Thespian Circle, was born out of labour, many hours of sweat and mostly from the love of art. It takes pride and pleasure in organizing a number of events and creating awareness about smouldering social issues. From January to July 2018, The Thespian Circle carried out the following events:

► February 1, 2018

During the international conference, held in IIIT and organized by the Biotech department, Thespian Circle- dramatics society of IIIT performed a English stage play representing one major theme of Indian culture, aptly described through the famous phrase "Atithi Devo Bhavah".

► February 3, 2018

In Converge the techno-cultural fest of IIIT-128, The Thespian circle performed a street play "Dastak", which addressed the social-environmental causes of mental health, pollution, gender inequality issues.

► February 24, 2018

During Impressions the annual techno-cultural fest of IIIT-62, The Thespian Circle organized and performed two events "Chaupal" and "Rangmanch". "Ungli" annual production of 2018 was performed in the street play competition and grabbed the first position. The street play showed how society pokes at things that are not necessary and important, and ignores what needs to be poked. This was yet another play which used the personification! (of a FINGER). It was about a manipulative SALESMAN who sells different versions of it to the selfish crowd, using reverse psychology to make them realise their mistake of misusing.

► February 25, 2018

For Rangmanch stage play competition, "Gunaah", the annual stage play production of 2018 was performed. Gunaah, a romantic thriller about a boy named Hafeez and girl named Sakeena. It was for the first time ever that flashbacks were shown parallel to the present events on STAGE in smooth transitions and fetched the hub a second prize at the event.

► March 16, 2018

In the conference organized by the Physics Department of IIIT-62, the Thespian Circle performed a stage play "Atom Ka Swayamwar", a comedy drama revolving around a fictional story, of assuming what would happen if atom was a girl and all the scientists were boys who wants to marry her, with them proposing theories to charm her.

► March 21, 2018

The Thespian circle performed their annual street play production "Ungli" in Rooh-E-tamasha, street play competition of UCMS (University College of Medical Science Fest). It was a memorable experience. Feedback on moulding plays according to competitors was also also gathered

Crescendo

'Crescendo', the music hub of IIIT has enthusiastically participated in several cultural segments of conferences on campus throughout the semester. Crescendo's performances during ICABB-2018 were greatly lauded by national and international delegates. A strong team of 22 musicians have rendered their artistic support to the event on Feb 1, 2018. The event has seen a milieu of vocalists, avid chorus singers, guitarists, flutist, tabla, synthesiser and harmonium artists.

CRESCENDO AT IMPRESSIONS 2018: Crescendo, the Music Hub of IIIT successfully organised three events at Impressions '18. VOICE OF IMPRESSIONS was the main event of the hub floated on 25 Feb 2018 at JBS ATRIUM. VOI 2018 consisted of two rounds, one online and one offline. The online round took off on Jan 25, 2018 and received 57 videos from students of various colleges. 27 of them proceeded for the second and final offline round and competed for top three positions. Event ANTAKSHARI took place on Feb 24, 2018. Out of all registered teams comprising 100 students, 6 teams qualified for the 4th and final round and one team declared the winners. Event EUPHONIUM is a total instrumental competition, conducted on Feb 24, 2018. 25 instrumentalists competed for the title.



Technical Events

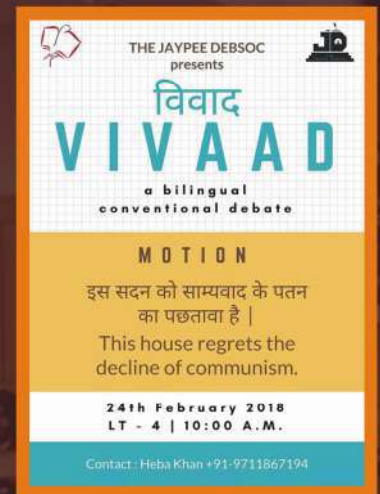
The technical events such as; Code Flux, Code Fight, Code-in- Less, Shaolin Soccer, Grab the Cheese, Clash of Clans brought to fore the technical gaming spirit of young engineering graduates.



JMUN 2018

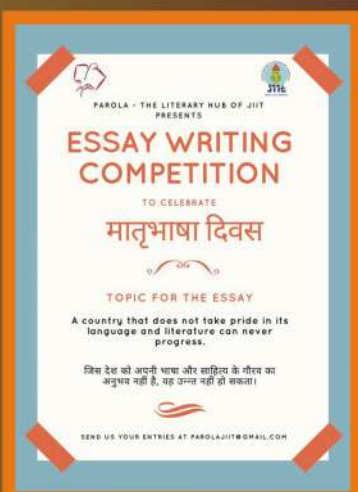


Another one of our grand events, Jaypee Model United Nations held on Jan 20-21, 2018 is no ordinary conference, but a legacy that has been established in JIIT over the past few years. A total of 5 committees with intriguing agendas were simulated in the eight edition of JMUN 2018, which included the United Nations General Assembly, Human Rights Council, Council of Europe, Arab League and Historic Lok Sabha. JMUN has constantly evolved and grown and now receives participation from various colleges across North India. With a legacy of seven years behind it, the eight edition of JMUN in 2018 raised the bar a notch higher with its tremendously experienced executive board and extremely high quality debate. The team behind it worked tirelessly to provide first timers as well as accomplished debaters a great experience, proving its mettle as one of the best MUNs in the circuit.



The Hub also organised a UGC sponsored event to celebrate the Matra Bhasha Diwas by soliciting student participation for an essay writing competition. The topic, "A country that does not take pride in its language and Literature can never progress" did draw positive responses from some highly patriotic students.

The String Master, a Literary Hub event held during the annual college fest allowed an individual and his/her partner to win amazing prizes for playing the right words. The event allowed the participants to showcase their quirk and wittiness. There were three rounds to decide the most compatible team that went on to win many exciting prizes.



Vivaad; a bilingual conventional Debate organized by the Debating Society of the Literary Hub gave students a platform to express their ocean of views on a given motion. The event was a treat for every individual with a passion for analysis and deliberation. The motto of the event has always been to nurture the spirit of debating, which proves as a learning experience for the students each and every time.

The Socio-Technical debate, Reflect held during Cyber Srishti deliberated on, "Technology is the cause as well as consequence of great ideas and their expression"



EXPRESSIONS

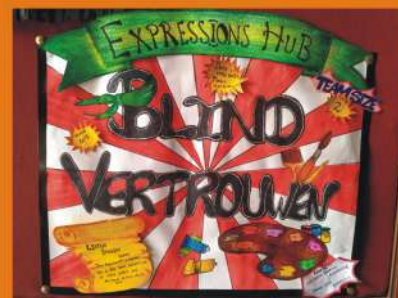
The Painting Hub

Event BLIND VERTROUWEN, was conducted on Feb 24, 2018. In this event, One member of the team was blindfolded. The other member of the team was shown a very simple image about which the blindfolded person didn't know. That player was given the task to describe the image to the blindfolded person. The blindfolded player was made to draw and paint it from the descriptions. The team which was able to draw the same image more appropriately was declared the winner. 26 teams participated in the event and 3 prizes awarded.

Event NINJA LOOT HUNT took place on Feb 24, 2018. It was basically a treasure hunt. In the first round, teams were made to solve riddles about different things in institute campus and click the pictures of that place which fits according to the puzzle. One member from each team was made to sit inside the room and solve the same puzzle. 20 teams that qualified in this round were further moved to the second round where they were given the picture puzzle to solve and identify the character to win the game. 30 teams took part in the event and 3 teams were declared winners.

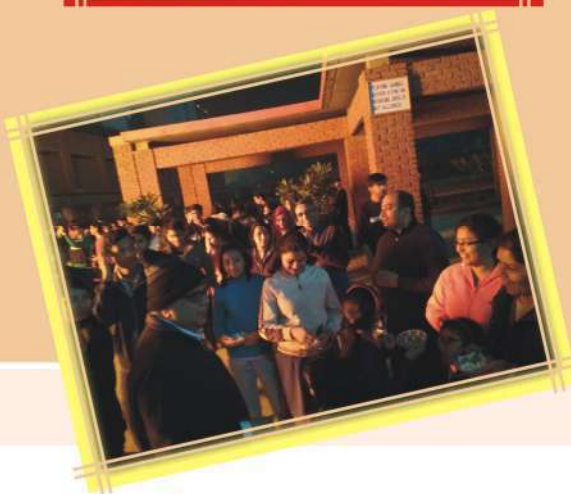
Event COMIC CON was carried out on Feb 25, 2018. It is an individual comic story making competition where participants were asked to make a comic strip on the theme given to them through chits on the spot. Individuals were given a bowl of chits containing various themes from which they have to draw or sketch the characters in the form of a cartoon comic strip and make a story. 12 students entered the competition and 2 were awarded first and second respectively.

Event CLICKS AND STROKES was organised on April 21-22, 2018 in collaboration with the photography hub. It was a photography and painting competition along with an exhibition. The theme was "IT FOR SUSTAINABILITY". 30 students participated and 6 prizes awarded.



Lohri Jan 13, 2018

Like every year, Lohri was celebrated on campus with a lot of enthusiasm despite the mercury touching an all time low. Staff and students joined the celebrations in large numbers. Young kids of staff were seen enjoying the popcorn, jaggery and sesame sweets. The flames of "Lohri" celebrations kept everyone warm and bonded despite being far from their home towns.

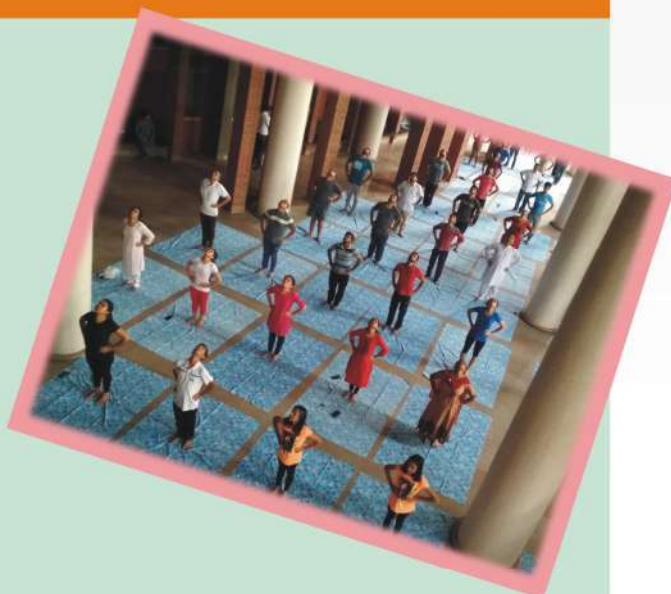


Holi March 21, 2018

The festival of Holi was celebrated with wet and dry colours by residents on campus in a way never witnessed before. The colorful and "notorious" atmosphere was however enjoyed by all ages and ranks. A picture is better than a hundred words, is often said. Holi mood captured in the image speaks volumes.

Yoga June 21, 2018

Every year, June 21, is observed as International Yoga Day. The same is also practiced in JIIT. A workshop was organized where students, staff and staff wards participated in large numbers. Yoga experts from Bharatiya Yog Sansthan conducted the workshop, highlighting the importance of Yoga in our day to day life and also its importance with reference to sound health.



Fire Drill April 20, 2018

The Fire Department conducted a mock Fire Drill alongside ABB-III building which was witnessed by almost 1000 students and staff. The Fire Department used it's state of the art high rise Fire Tender and went on to extinguish a mock fire on the 7th floor of the building and rescued a worker by evacuating him, using a hydraulic ladder with ease and in just a few minutes. A session on fire and safety was conducted by the Chief Fire Officer Noida in the auditorium. It was very informative and an eye opener for one and all. It was emphasized that it is not 'the fire' that is harmful, but it is the lack of knowledge about how to handle a fire, that causes huge losses.



Swachh Bharat Summer Internship Programme 2018-19

Swachh Bharat Summer Internship programme 2018-19, was launched by Ministry of Human Resource Development in association with the Ministry of Drinking Water and Sanitation to meet the objectives of the movement 'Swachh Bharat Mission' which was initially launched on October 2, 2014.

Jaypee Institute of Information Technology is also a part of this movement.

Twelve students / teams have participated in Swachh Bharat Summer Internship Programme and were involved in the programme for at least 100 hours.

- Information-Education-Communication activities: Awareness Campaigns, i.e., door-to-door meetings regarding sanitation/ hygiene/toilet usage/ hand wash, wall paintings, village or school-level rallies.
- Solid Waste Management related activities i.e., waste collection drives (household/ common or shared places), street cleaning, drain cleaning, cleaning of back alleys.
- Support in Toilet Construction.
- Help Panchayat to draw up plans for installation of biogas plants wherever possible



Alumni Meet 2018

The annual 'Alumni Meet' was organized on March 17, 2018, in the institute premises with a purpose to reunite and interact with the alumni. The vision of the meet was to facilitate communication with students who have passed out and to strengthen bonds of fellowship, professional association, institute affiliation and to work on making it stronger than ever.

The event commenced with the lighting ceremony by the dignitaries. Enthusiastic audience charged everyone's spirit with high hopes. Juniors showcased their talent in front of seniors through their mesmerizing dance and musical performances. Alumni felt a sense of nostalgia and were in awe seeing old videos that awakened their memories. They were happy to see the development of the institute in terms of infrastructure and hubs that have seen quite a raise since the beginning. It was interesting for them to realise that at their time, while there were just five hubs, now the institute boasts of 22 plus hubs. This filled a sense of pride in everyone present in the auditorium. To give a humorous touch to the event, a stand-up comedy was performed by a vibrant, young student of JIIT. The epic moment of the day was when the alumni actively shared their happy moments in the institute, anecdotes and short stories which boosted the current student's morale to strive for more in life. A photography session was organized where everyone cheered and got clicked in one frame. The seniors were given a tour of the campus and were served lunch in Annapurna. Seniors were presented with photo frames and handmade cards as a token of love and memory from their juniors and bid everyone adieu to the seniors with a promise to meet again.

The Meet is now an event that will be looked forward to, by both alumni and students. As the years pass by and the winds of change keep blowing, the Alumni Meet too shall keep evolving, giving the alumni an experience that they will cherish all their lives.





Student Spotlight

My Journey, since Graduating from IIIT

It's been 5 years since the pretty red campus bid farewell to me; and my career has taken several interesting turns in this span. I graduated in 2014 with a B.Tech in Biotechnology and was recruited by NTT Data from campus, for a software testing profile. I worked as a Senior Associate Consultant for the next two years on an American healthcare and life sciences project. With a lingering desire to study further, I had also taken a couple of management entrance exams while working and having secured a place in Shri Ram College of Commerce's Post Graduate Diploma- Global Business Operations (equivalent of MBA- International Business) had to make the quick decision of making the switch from professional to academic life. Without much deliberation, I was only too happy to welcome the later again. While at SRCC I had the opportunity of interning with WSP, a Canadian engineering design consulting firm, and immensely enjoyed the stint which came with a great deal of learning from the fields of both HR and marketing. Post the two year programme I was recruited by Gartner as a Research Consultant and have been working for a year now on price benchmarking, digital and market analytics projects in multicultural teams and for clients across the world from industries such as pharmaceutical, manufacturing and banking. Since learning never stops, I continue to train further to stay better equipped for delivering the best value to clients, as a consultant!



Priyam Kotwal
IIIT Alumnus,
B.Tech Biotech, batch of 2010-2014

Welcome To The Garb-Age!

I look around myself and I see
Tall buildings scraping the skyline,
Swanky cars and glittering lights,
The twenty first century- all glitz and shine!

And yet as I look at my feet I see debris and I see dirt.
Technology is a vehicle- inventions on each new page
We've passed stone- we've passed iron and bronze-
Welcome my friends- to the garbage!

'Cleanliness is Godliness' is often quoted to us,
And yet the streets remain littered-
Waste hoards and hoards and hoards!
Even though we humans eye the celestial;
Pamphlets, plastic and waste adorn the roads.

We shut our senses to the ungodly smells,
Smoke in the air from the fires that were lit,
We tolerate the venomous air, or perhaps don't feel-
Maybe simply because- we're used to it.

Look around and you shall see NIMBYs;
'Not In my backyard'
But right outside my street if you please!

Like the malicious filth reflects the mindsets
Of those pests in our society who revel in this very dirt
Our Goddess Ganga- running grimy black,
Melancholic; that we have been used to it-right from the birth.

We are being smothered- shackled by waste.
Even today- have something packaged
and throw the wrapper out in haste

The piling mountain of mess and filth that surrounds us,
Will soon overpower the mighty technology-
will soon bound us

The garbage littered around today looms like an ever widening threat.
Everyone likes cleanliness- but nobody likes to clean!
Like a spectacle that advances like a hazard
The muck blurring the prospects , so progress cannot be seen.

Only by achieving the cleanliness that
we have strived for since so long
Can we reach that pinnacle of prosperity, success and development.
So it is not time for words- but for action-
To slay and kill this venomous serpent.

So let us work towards a clean pristine world and keep in mind;
Technology is a vehicle- inventions on each new page
We've passed stone- we've passed iron and bronze-
Welcome my friends- to the garbage!

Ranja Chakraborty
(18101013)

CLEANLINESS

A few days ago, we were called at the OAT for an oath taking ceremony. We made promises to do our part for a cleaner, greener India and I'm sure all of us know the basics to it. We know about recycling, we know about car pooling, we know about plantations and we do know a little about everything else that needs to be done. But if we give it a deeper thought, we've all been knowing all of this for a very long time now. I remember recycling was taught to me in class 3, afforestation in class 2, and more than a decade, post those lessons, I, myself, have never been a great cleanliness enthusiast, except for the times when we were taken for cleanliness campaigns in school, and were allowed to miss classes. And I know I'm not alone.

We read, we understand, we appreciate the ideas and close them, the books, to leave the ideas there itself, like chapters on trigonometry; And every time we see filth somewhere around, we recall the promises made by the government, but fail to recall ours.

We've all had our lessons, it's high time we start implementing.

And for those who think that individual contributions don't matter, count on me for this, there IS a difference everytime we choose to go for a paper bag instead of a plastic one, every time we uber-pool and every time we choose to find a dustbin, instead of casually littering around, just because it's India, and people do that all the time.

With the Swachh Bharat Abhiyaan, the government is doing its part. When will we?

Kumari Yukta
First Year, Biotech

New Entrants to IIIT Family

IIIT welcomes...

Assistant Professor, Department of Computer Science & Engineering and
Information Technology

ANKIT VIDYARTHI
GYAN SINGH YADAV
NEERAJ JAIN
NISHA CHAURASIA
RASHMI KUSHWAH
SHRUTI JAISWAL
SONAL

Assistant Professor, Department of Electronics and Communication Engineering

AJAY KUMAR
ANAND AGRAWAL
ANURADHA PUGHAT
ATUL KUMAR
BHAGIRATH SAHU
DHARMENDRA SADHWANI
EKTA GOEL
GOPAL RAWAT
HEMANT KUMAR
NEETU JOSHI
PARUL ARORA
SAURABH CHATURVEDI

Assistant Professor, Mathematics

AMITA BHAGAT
NEHA AHLAWAT
PINKEY CHAUHAN
SUDHAKAR

New Entrants to IIIT Family

Assistant Professor, Physics and Materials Science and Engineering

MANOJ TRIPATHI

Professor, Physics and Materials Science and Engineering

SUBHASH CHANDER KATYAL

General Administration

HARI OM GUPTA, Director
MANOHAR LAL, Administrative Coordinator
MATHEW VARGHESE, Personal Assistant - I

Registry

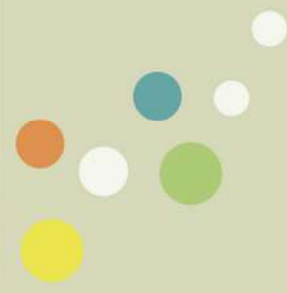
RAJU SANGAL, Registrar

Engineering and Construction

SHISHIR MOONDRA, Chief Manager (E&C)

Lab Assistant

JYOTI SHARMA





Jaypee Institute of Information Technology

(Declared Deemed to be University under section 3, UGC Act)
a NAAC Accredited and NIRF (MHRD) Ranked Deemed University