Anunaad
Institute Newsletter

Jaypee Institute of Information Technology, Noida
(Deemed to be University under Section 3 of UGC Act 1956)
A NAAC Accredited and NIRF (MHRD) Ranked Deemed-to-be-University

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International Conference on Contemporary Computing (IC3-2019)

August 08-10, 2019

This was the Twelfth conference in the series, held annually at the Jaypee Institute of Information Technology (JIIT) Noida, and organized jointly by the hosts and the University of Florida, Gainesville, USA. It focused on topics that are of contemporary interest to computer and computational scientists and engineers. IC3-2019 brought together researchers and practitioners from academia, industry and government to deliberate upon the algorithmic, systemic, applied, and educational aspects of contemporary computing. The conference focused on issues of contemporary interest in computing, spanning systems, Algorithms, applications, Industry & Education.

For the four tracks (Systems, Algorithms, Applications & Education) more than 251 papers from 10 countries were received. A team comprising of 154 reviewers reviewed the paper and finally, 73 full papers were accepted and published. IC3 2019 was spread-out in total 15 sessions.

Keynote speakers:

- Prof. Inderjit S. Dhillon, University of Texas at Austin, USA

- Prof.Kavita Bala, Cornell University, New York, USA

- Prof. Christos Douligeris, University of Piraeus, Greece

- Prof. Raghu Kacker, National Institute of Standards and Technology, Gaithersburg, USA

- Prof. Soundar Kumara, Penn State College of Engineering, USA

- Prof. Mainak C, IIT Kanpur, India.

Mini Symposium on Analytic Number Theory and its Applications in Cryptography/ Computing: A tribute to S. Ramanujan

August 31-September 01, 2019

The focus of the event was on the development of algorithms with respect to algebraic coding and various other applications of number theory with the objective to make the participants understand concepts of number theory and cryptography. The content of this event was based on emerging developments and discussion of open problems posed by applications. It is vital that scientists, engineers and researchers across these fields meet and explore new dimensions in applicable mathematics for their academic and research activities. This symposium received great interests from a number of participants across India Like: University of Delhi, Aligarh Muslim University, Amity University Noida, Jadvpur University Kolkata, Invertis University Bareilly, NorthCap University Gurugram, G. D. Goenka University Gurugram, NSIT Delhi, B.B. Ambedkar University, Lucknow, B.R. Ambedkar University, Agra, etc.

Keynote speakers:

1.   Dr. Shanta Laishram, Indian Statistical Institute (ISI), Delhi Centre, New Delhi

2.   Dr. Anuradha Sharma, IIIT-Delhi, New Delhi

3.   Mrs. Hetal Borisagar, Defence Research and Development Organisation (DRDO), New Delhi

4.   Dr. Rahul Johari, Guru Gobind Singh Indraprastha University, Dwarka, Delhi

Student Conference on Optics and Photonics (JSCOP'19)
November 16-17, 2019

JSCOP-2019, 16th November 2019

With speakers from different domains like software development, optoelectronics and semiconductor research, the event was an amalgamation of the spirit of innovation and technology. A footfall of more than 200 from different colleges across Delhi-NCR, JSCOP 2.0 surely did raise the bar and created a ripple in the scientific community for research on optics and photonics.

JSCOP-2019, 16th November 2019

India Today Conclave- Mind Rocks Youth Summit 2019
September 28, 2019

India Today's annual event Mind Rocks Youth Summit includes star speakers, stellar performances and exchange of extraordinary ideas all at one place in a daylong festival of talks, music, and dance. 14 Students of Jaypee Business School participated in the event.

Short Term Course On Cloud & IoT based Systems, Tools, and Applications

July 01-06, 2019

An intensive one-week Short-term course was conducted for faculty and students of engineering and technological institutions and persons from industry. The objective of the course was to provide an exposure in "Cloud & IoT based Systems, Tools and Applications" through interaction with experts. The technical program included state-of-the-art lectures, discussion/presentation sessions, specifically focused on Insights, Research Scope and Hands-on sessions in the area of Cloud Computing Systems and IoT.

Resource persons:

1. Dr Rahul Johari (USI,C&T), GGSIU, Delhi
2. Dr. Zahid Raza, SC&SS, JNU, New Delhi
3. Dr. K. Rajalakshmi, JIIT, Noida
4. Dr. Gaurav Verma, JIIT, Noida
5. Dr. Sangeeta Mittal, JIIT, Noida
6. Dr. Gagandeep Kaur, JIIT, Noida
7. Dr. P. Raghu Vamsi, JIIT, Noida
8. Dr. Nisha Chaurasia, JIIT, Noida
9. Prof. D.P.Vidyarthi, JNU, New Delhi
10. Shivam Kapoor, AWS, Bangalore
11. Dr. Jitendra Kumar Seth, AKGEC, Ghaziabad
12. Dr. Raghava Mutharaju, IIIT-Delhi, New Delhi

Short Term Course On Deep Learning and its Applications
July 01-06, 2019

The course aimed to provide both theoretical as well as hands on sessions on fundamental and advanced topics of deep learning. The course served as a platform to share current tools, workbenches, benchmarks, datasets, modelling techniques, etc. in deep learning related areas.

Resource persons:

1. Dr. Sridhar Swaminathan, Bennett University, Greater Noida
2. Dr. Yamuna Prasad, IIT Jammu
3. Prof. R. K. Agrawal, JNU, Delhi
4. Dr. Vijay Kumar, Thapar Institute of Engineering & Technology, Patiala
5. Mr. Raghav Mehta, Data scientist, NASSCOM, Delhi
6. Mr. Dhruv Jain, Deloitte USI Advisory
7. Ms. Nikita Goel, Deloitte USI Advisory
8. Mr. Gaurav, National Institute of Technology, Kurukshetra

Short Term Course

FDP On Synthesis and Characterization of Materials
July 01-06, 2019

The field of materials Science is continually expanding; a very important first step in any applications of this discipline is the proper preparation and characterization of materials. Researchers in this field are often faced with rapidly growing literature on this aspect of materials. It is therefore deemed appropriate to organize a FDP on synthesis and characterization of materials at JIIT Noida. The objectives of this FDP were to provide a forum for in-depth discussions of recent advances and developments in this area and to foster collaborative research efforts in the field of materials science. This FDP was aimed to cover the various possible prospects of Physics for its Engineering applications through a series of indigenous and invited lectures from eminent speakers.

Resource persons:

1. Dr. Manoj Kumar, Pandit Deen Dayal Petroleum University, Gandhinagar, Gujarat

2. Dr. Himanshu Pandey, PMSE department, JIIT Noida

3. Dr. Manika Khanuja, JMI University, New Delhi

4. Dr. Sandeep Chhoker, JIIT Noida

5. Dr. Rajesh Kumar, IIT-Indore, Indore

6. Dr. R. K. Dwivedi, JIIT Noida

7. Dr. Sanjeev Kumar Srivastava, Indian Science Technology, Bengaluru

8. Dr. Prabir Pal, CSIR-CGCRI, Kolkata

9. Dr. Mandeep Singh, GNDU University, Amritsar

FDP On Recent Trends In Industrial Biotechnology

July 01-06, 2019

India's biotechnology industry is in an excellent position for transition into Bio-economy. It is on a strong growth trajectory and has immense growth potential. It will continue to play a significant role in enhancing India's global profile as well as contributing to the growth of the economy. The main objective of the FDP was to enlighten participants in solving new research questions in industrial biotechnology. Faculty were well conceptualized and benefited by the series of lectures and interactive sessions delivered by subject experts from both Academics and Industry. This would help in enhancing the quality of their teaching and give a new direction to their research interests.

Resource persons:

1. Dr. Charu Mehra Kamal, National Institute of Biologicals (NIB), Ministry of Health and Family Welfare, Government of India, NOIDA

2. Mr. Pankaj Agarwal, Founder and MD of Treta Agro (P) Ltd.

3. Prof. Jai Gopal Sharma, Delhi Technological University, Delhi

4. Ms. Vinita Hasrajani, Biosciences Division, Thermo Fisher Scientific

5. Dr. Neerja Hajela, Yakult Danone India Pvt. Ltd.

6. Dr. Pavan Jutur, Omics of Algae Group at ICGEB, New Delhi

FDP On VLSI Chip Design Hands on using Open Source EDA

July 08-12, 2019

This FDP was organized through National Knowledge Network (NKN) based Video Conferencing, with lectures delivered by invited experts from IITs, NITs, IIITs and other premier institutes/industries. This course was designed to provide an exposure to the open source EDA tool in VLSI design. Participants learned different phases of an open source EDA tool termed as VSDFLOW. Hands-on training and practice sessions helped participants gain confidence on Pre-layout timing analysis, Floor planning, placement, clock tree synthesis, routing and post layout STA. The course was useful for faculty of engineering and sciences who were working in the area of SOC Design.

Resource persons:

1. Dr. Anand Bulusu (IIT Roorkee)
2. Mr. Kunal P Ghosh (Director, VSD Corp. Pvt. Ltd.)
3. Dr. Imon Mondal (IIT Kanpur)
4. Dr. Suhakumar Reddy (IIT Hyderabad)
5. Dr. H. S. Jatana (SCL Chandigarh)
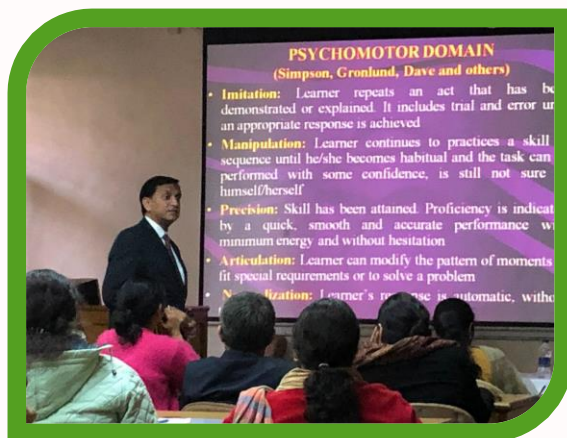6. Mr. Uday Khambate (SCL Chandigarh)

FDP On Innovative Teaching –Learning Methodologies
December 09-14, 2019

The Faculty Development Program conducted on "Innovative Teaching Learning Methodologies was greatly appreciated by all participants. An active and enthusiastic participation of 52 faculty members across all branches made the sessions lively and led to an effective learning of outcome based education. The sessions focused on enhancing teaching-learning methodologies in a technology driven environment through an amalgamation of pure traditional, new, innovative methods of online learning, website links and MOOC courses. The first session stressed the role and need of communication and emotional intelligence in faculty members to engage the students effectively and create an environment which boosts learning. The second session used the play way method to inculcate in the faculty the need to drop their inhibitions and preconceived conditioning while interacting with students. The third session covered outcome based education, which caters to the twenty first century learning requirement as a part of NBA guidelines on quality education. The fourth session explained the concept of Bloom's Taxonomy in framing the educational outcomes to be achieved. The fifth session was on innovative pedagogies as technology driven environment has provided a greater learning space to students to enhance their knowledge and skills. In the last session the faculty committed themselves to adopting and implementing the methods learnt in achieving better results. In all, it was indeed very rewarding to see faculty members positive about the learning imbibed.

Resource persons:

1. Prof. (Dr.) Renu Luthra, Vice Provost, JBS, Jaypee Institute of Information Technology, Noida
2. Mr. Dipendra Rawat, Theatre artist and Education Trainer, N.S.D (T.I.E co.)
3. Prof (Dr.) Alka Tripathi, Jaypee Institute of Information Technology, Noida
4. Prof. Pramod Kumar Singla, National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh
5. Prof. Madhulika Kaushik, Pro Vice Chancellor, Usha Martin University, Ranchi, India

Workshop on Signal Processing and its Applications
July 20-21, 2019

This workshop focused on providing the basics, the state-of-the-art developments and emerging techniques in Signal Processing through a series of indigenous and invited lectures by speakers from Industry, Academia and JIIT faculty. First interactive session was on Composite Kernel SVM Based Performance Enhancement of Brain Computer Interface in Conjunction with Spatial Filter delivered by Prof. R.K. Agarwal, Jawahar Lal Nehru University, New Delhi. Second session had a talk delivered by Dr. Tarun Kr. Rawat, Netaji Subhas University of Technology, New Delhi on Discrete Fourier Transform (DFT) and its application in Spectrum Estimation, followed by lab session. Fourth session was held on the second day of the workshop on Digital Image processing and its Research Aspects by Prof. Rashmi Gupta, AIACT&R (Govt. of NCT of Delhi). The last session was hands-on (lab practice) on Image Enhancement and analysis by JIIT faculty Dr. Neetu Singh. The workshop was concluded by distributing the certificates in valedictory session.

Workshop on PHOTOPTICS
August 16-17, 2019

The aim of this workshop was to explore the basic concepts related to Optics and Photonics. The objective was to promote awareness about recent trends in these areas among researchers, industry personals and faculty/scientists from colleges, institutes and universities/research labs. This workshop provided a forum for interaction and exchange of ideas among scientists, engineers, researchers. This helped them to motivate students towards research in this specific area and subsequently be able to contribute to the society.

Resource persons:

1. Prof. Chandra Shakher, Emeritus Professor at SeNSE (formerly IDDC), IIT Delhi
2. Dr. Nimish Dixit , Scientis F, IRDE, Dehradun, UA
3. Dr. Anil K. Razdan, Scientist-G and Associate Director, LASTEC, DRDO, Delhi
4. Prof. Anirban Pathak, JIIT, Noida

Workshop on Soft Computing Techniques for Wireless Sensor Networks

September 14-15, 2019

Nowadays, sensors are used in our day to day life such as health monitoring using smart watch, fire detection in residential societies, temperature monitoring in air conditioners and refrigerators and many more. Wireless sensor networks (WSNs) make the operation of an application more effective by integrating sensing, communication, and storage. Since these sensor nodes are battery operated, a number of parameters need to be optimized for the longer operation of the application. Classical methods of optimization are not efficient as they are tailored specifically to the problem in hand. Recently, various techniques like soft computing have been explored to optimize the various parameters. Soft computing techniques are aimed to exploit tolerance for imprecision uncertainty, and partial truth to achieve robustness, tractability, and low cost which is required in resource constraint WSNs. Soft computing is currently causing a paradigm shift in WSNs. This workshop aims to provide a forum for exchanging ideas and information on current research studies, challenges, system developments, and practical experiences in the soft computing applicability in localization, clustering, inferences, coverage, and connectivity, privacy and security of WSNs, etc. This particular workshop endeavors to confront the challenges of soft computing algorithms in the wireless sensor network by inculcating new ways of thinking about the approaches and design paradigms.

Resource persons:

1. Dr. Suneet Kumar Gupta, Bennett University, Greater Noida
2. Dr. Anil Kumar Rose, CCET, Chandigarh
3. Dr. Raju Pal, JIIT, Noida
4. Dr. Praveen Kumar, VIT Bhopal

Workshop on Cryogenics and Superconductivity
September 27-28, 2019

The objective of this workshop was to promote awareness about various aspects of Cryogenics and Superconductivity, their important role in the life of mankind and to convey the recent trends in Cryogenics and Superconductivity related areas amongst researchers, industry personals and faculty/scientists from universities/research labs. This workshop provided an important platform for young researchers, scientists and technologists to interact closely with the experts and practicing engineers from diverse backgrounds like.

Resource persons:

1. Dr. R.G. Sharma, Inter-University Accelerator Centre, New Delhi
2. Dr. Soumen Kar, Inter-University Accelerator Centre, New Delhi
3. Dr. R.S. Meena, NPL, New Delhi
4. Dr. T.K. Nandi, Cryogenic Engineering Centre, IIT Kharagpur
5. Dr. R. K. Thakur, G. D. Goenka University, Gurugram, Haryana
6. Dr. Anand Pal, Manipal Institute of Technology, Manipal
7. Prof. T.K. Dey, IIT Kharagpur
8. Dr. Suchitra Rajput, BML Munjal University, Sidhrawali, Gurgaon, Haryana
9. Dr. Raja Sekhar Dondapati, Lovely Professional University, Punjab
10. Dr. Ram Sevak Singh, O.P Jindal University, Raigarh

Workshop on Cryogenics and Superconductivity
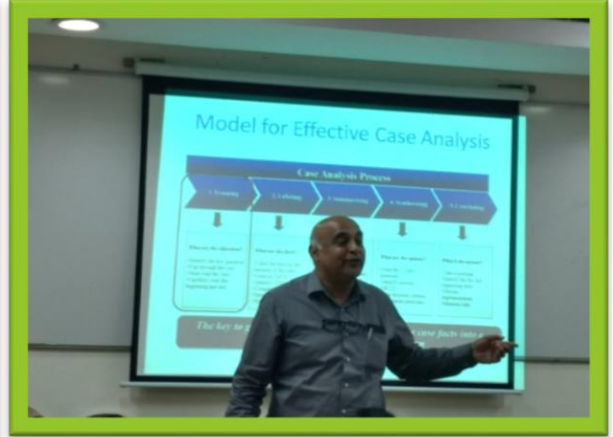### September 27-28, 2019

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9. Dr. Raja Sekhar Dondapati, Lovely Professional University, Punjab
10. Dr. Ram Sevak Singh, O.P Jindal University, Raigarh

National Workshops

Workshop on Case Study Method
October 12, 2019

The objective of this workshop was to familiarize the faculty members and research scholars about the advantages and importance of case studies in Management education. The sessions were conducted by Prof. Santosh Rangnekar, Professor in the Department of Management studies, IIT Roorkee. The workshop had three parts. First part comprised of explaining the case study and case study method and how to conduct a case class. Prof. Rangnekar then distributed five case studies and divided the participants in 5 groups. Each group was made to discuss the case in their respective group and finally each group made presentation before the session participants. Finally feedback was given by Prof. Rangnekar and how to give closure after the discussion was over. Through this workshop participants became aware of the case method and how HBS cases can also be conducted in classes.

Workshop on R
October 12, 2019

R is one of the most preferred open-source languages for analytics and data science. The cross-platform compatibility of R and its capacity to handle large and complex data sets makes it an ideal tool for academicians to analyze data in their labs. R can be used for simple calculations, matrix calculations, differential equations, optimization, statistical analysis, plotting graphs, etc. Also, it is useful for anybody who wishes to undertake extensive statistical computations and data visualization.

The FOSSEE project at IIT Bombay (https://fossee.in) has been promoting R, and other FLOSS, such as Scilab, Python, OpenFOAM, eSim, Osdag, OpenModelica, DWSIM, Drupal and Linux, and Open source hardware, such as Arduino and OpenPLC. FOSSEE is also funded by NMEICT, MHRD. The R workshop is organized by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India.

Workshop on Innovations in Finance
November 22, 2019

The last few years have seen a stream of experiments and innovations in the area of Finance. The financial revolution has triggered the introduction of a wide variety of new products and services at our doorsteps. In the era of digital transformation, both front office and back office risks and security concerns have increased and therefore banks, Financial Institutions and finance departments of Corporates need to be more upgraded with technology. They also need to focus on innovative and differentiated products and services based on advanced technologies. Vice Provost Prof. (Dr.) Renu Luthra addressed the audience and discussed the importance and relevance of various emerging trends in Finance such as Fintech, Bitcoin, Cryptocurrency etc.

The guest speakers for this technical session-I were Mr. Punish Oberoi and Mr. Manav Munjal. Mr. Punish Oberoi working as Vice President of Corporate Finance and Infrastructure Banking at YES bank. Mr. Manav Munjal, the Head, Risk and compliance of PayMe India Financial Services Pvt. Ltd.

The guest speakers for the technical session-II were Ms. Swati Sheetal Sinha and Mr. Joginder Kumar Arora. Ms. Swati is a master in economics with 10 years of experience as a client-focused insurance professional. Mr. Joginder Arora served UCO Bank for more than 40 years and retired in April 2012 as Asstt. General Manager (as Deputy Zonal Head) from Chandigarh.

Workshop on IPR and Patenting in India
November 29-30, 2019

The main idea of the workshop was to expose the participants about IP rights, Patent search and filling, Impact of patent governance system, Patenting opportunities in Computer science and electronics, Terms and conditions. There were total four interactive sessions involving various talks to make people aware of Patenting status quo in India and thus motivating and inspiring people to get indulged with this new sector of our economy. Our well known speakers clearly established a spark that enlightened the keen understanding to stimulate new thinking and research, about filing patents and obtaining the meaning of IP and spread a word about new researches and innovations.

Resource person:

1. Mr. Gaurav Gogia, Senior Advisor, United IPR, New Delhi
2. Mr. Amit Bansal, IPR Head, Mankind Pharma, Gurgaon
3. Prof. Indira. P. Sarethy, Faculty, Dept. of Biotechnology, JIIT, Noida
4. Ms. ShubhaniChokra, Senior Analyst, Aranca, Gurgaon

Workshop on Emerging issues of law in business and foreign trade

November 30, 2019

It's important for business owners, managers, and other professionals to have a basic understanding of business law to help them make better decisions. Just as there are laws that apply to people, there is a huge body of law that applies to business. Businesses need these laws for the same reasons that people do: to define unacceptable behaviour, to provide certainty and stability, to protect the public, and to provide a mechanism for businesses to resolve disputes.

Throughout a business' existence, it can do most things that a person can do, and we need laws to control those activities. A business can buy and sell property, sue and be sued, enter into contracts, hire and fire employees, and even commit crimes. Vice Provost Prof. (Dr.) Renu Luthra addressed the audience and discussed the importance and relevance of various emerging trends in law and foreign trade

The Summit was divided into two sessions, the theme for the first session was 'Emerging trends in law in Business.' Considering the evolving importance of this trending issue, the discussion for the second session was directed towards the theme 'Emerging trends in Foreign Trade'. The guest speakers were Mr. Gautam Khazanchi, an independent advocate and Dr. Ram Singh, Professor at the Indian Institute of Foreign Trade.

Expert Talks

Title: Fecal Source Tracking in Environmental Waters: From Bacterial Indicators to Human Mitochondrial DNA

Speaker: Dr. Vikram Kapoor, University of Texas at San Antonio

July 22, 2019

Title: Studying Gerontology

Speaker: Mr Steven Stump, University of Southern California

August 20, 2019

Title: Indigenous Spanish Culture-Distance From India

Speaker: Javier H., Founder, Paradise Revolution

September 05, 2019

Title: How Eco System is Influencing HR

Speaker: Mr. P. Dwarkanath, Chairman, GSK Consumer Healthcare Private Ltd

September 26, 2019

Expert Talks

Title: Understanding Financial Statements
Speaker: Prof (Dr) Barnali Chaklader, IMT Ghaziabad
September 30, 2019

Title: An Awareness Lecture and Life Saving Techniques on Disaster Management
Speaker: Deputy Commandant Aditya Pratap Singh
October 01, 2019

Title: Decoding GST (Goods And Service tax)
Speaker: Mr. Gaurav Raj Mittal, a partner with M/S Mittal Gupta and associates
October 03, 2019

Title: E-Governance and emerging technologies - A career perspective
Speaker: Mr. Sudhakar Yadav, AVP – E-Governance, Cyfuture India Pvt. Ltd.
October 12, 2019

Title: Managing Enterprise Systems - ERP & SCM
Speaker: Mr. Abhishek Jain, Senior Delivery Leader, Capgemini Technology Services India Ltd.
October 21, 2019

Expert Talks

Title: : Preparing for New age careers - A global perspective

Speaker: Dr. Deepak Khazanchi, University of Nebraska at Omaha

November 19, 2019

Title: Discovering solutions for stress and healthy living

Speaker: Marlise Karlin, CEO/Founder of SOS Method

November 26, 2019

Title: Digital Branding

Speaker: Mr. Kartik Raina, former CEO of Dabur Foods and Excelsia

December 11, 2019

Title: Strategising in VUCA world: a Challenge or an Opportunity?

Speaker: Mr Amit Kumar Shukla, GMR group

December 14, 2019

Management Development Program on Nurturing Your Leadership Potential
August 09-10, 2019

Department: Humanities and Social Sciences

Management Development Program on Finance for Non Finance People
November 29-30, 2019

Department: Jaypee Business School

Staff Development Program

Department: Electronics and Communication Engineering
December 16-21, 2019

Department: Computer Science & Engineering and Information Technology
December 02-05, 2019

Department: Computer Science & Engineering and Information Technology
December 20, 2019

Activity: Orientation Program on Innovative Hardware Prototypes

July 30, 2019

It was the individual programming contest where students were given a set of problems/scenario (https://www.hackerrank.com/contests/encode-2k19/challenges) mostly related to socio-techno problems and the participants were required to develop and implement efficient solution for the given scenario/problem. The event was conducted in two rounds:

(1) ENCODE 2K19 - Qualifier Round (Online Round)

(2) ENCODE 2K19 - Final Round (Onsite Round)

Microcontroller based Systems and Robotics Hub (µCR)

Activity: Exhibition on Development of Smart Systems Prototype

August 08-10, 2019

Innovative project proposal on Smart Systems to solve real-life problem was requested during month of May 2019. Systems development included: Smart Solar Panel Cleaner Bot, Smart Helmet, Smart Mail-Box, Smart Notice Board, Smart Wheel Chair, Smart Traffic Light, Smart Home, Smart Parking, Smart Glasses, Smart Solar Trackers, Smart Dustbin, Smart Media Player, Smart Eraboss Voice to Handwriting Printer and many more were targeted to build. The final prototype forms of these innovative projects using IoT technology were documented. The event is sponsored by Institute. All these projects are showcased during CSE/IT departmental International conference (IC3-2019) during 8 to 10 Aug 2019 and feedback collected from the dignitaries', faculties' and students who were present.

Workshop

IPR, Patents & Innovations
August 29, 2019

The IPR Patents and Innovation workshop was organized by the recently constituted IPR cell of the JIIT. The aim of the workshop was to increase awareness about different tools of Intellectual Property rights protection such as Patents, Copyrights, Trademarks, Designs and Geographical Indicators to name a few. Another purpose of the workshop was to gather information from the experts belonging to legal domain, government organizations and government universities who are working endlessly in the field of filing patents and strengthening IPR. This workshop enabled the participants to understand the nitty-gritty of protecting the intellectual property rights which are being created in a University setup. In the long run workshops like these will go a long way in strengthening IPR activities at JIIT and making it a leader in knowledge generation.

Hub Activities

Activity: Encode 2K19

September 03-07, 2019

It was the individual programming contest where students were given a set of problems/scenario (https://www.hackerrank.com/contests/encode-2k19/challenges) mostly related to socio-techno problems and the participants were required to develop and implement efficient solution for the given scenario/problem. The event was conducted in two rounds:

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Workshop

Hub Activities

Economics and Business Hub

Activity: Business Quiz

October 18, 2019

Crescendo : The Music Hub of JIIT

Unplugged 2k19

Tagged as the 'flagship event' of Crescendo, Unplugged was hosted independently by the Music hub. The event takes place in the month of October / November every year when the weather is just about right. Preparations start around a month prior and the Auditions are open to all. The event visualises an evening full of live performances and DJ. Students from JIIT - 128 participate as well and the crowd is the most enthusiastic of all.

Date & Time of the event: 8th November,2019 / / 5-9 P.M.
The Stage was set at: Portico (Near Volleyball Court)

Crescendo : The Music Hub of JIIT

Name of the Hub: CRESCENDO (Effective from year 2007)

Defined Role: Crescendo is a family of avid music enthusiasts who Perform, Promote and Propagate music. It's an open community that welcomes and motivates fellow students to unleash their Musical talents. Crescendo's philosophy is to provide *a platform for everyone who has music in their soul*, across streams and across years from various genres to collaborate musically in live performance sessions and showcase a combination of myriad musical influences, from Hindustani, Carnatic, and Indian folk to contemporary, hip-hop, rock & pop music.

Objectives:

To inculcate the Spirit of Music in each and every music enthusiast on JIIT campus

Share Knowledge and Skills of seasoned musicians and performers

Collaborate and Create music, Spread the Joy & Cheer of music

Gandhi Jayanti 2019

Date/Venue/Time - 2nd October,2019 / Auditorium / 9:30 A.M. - 11:30 A.M.
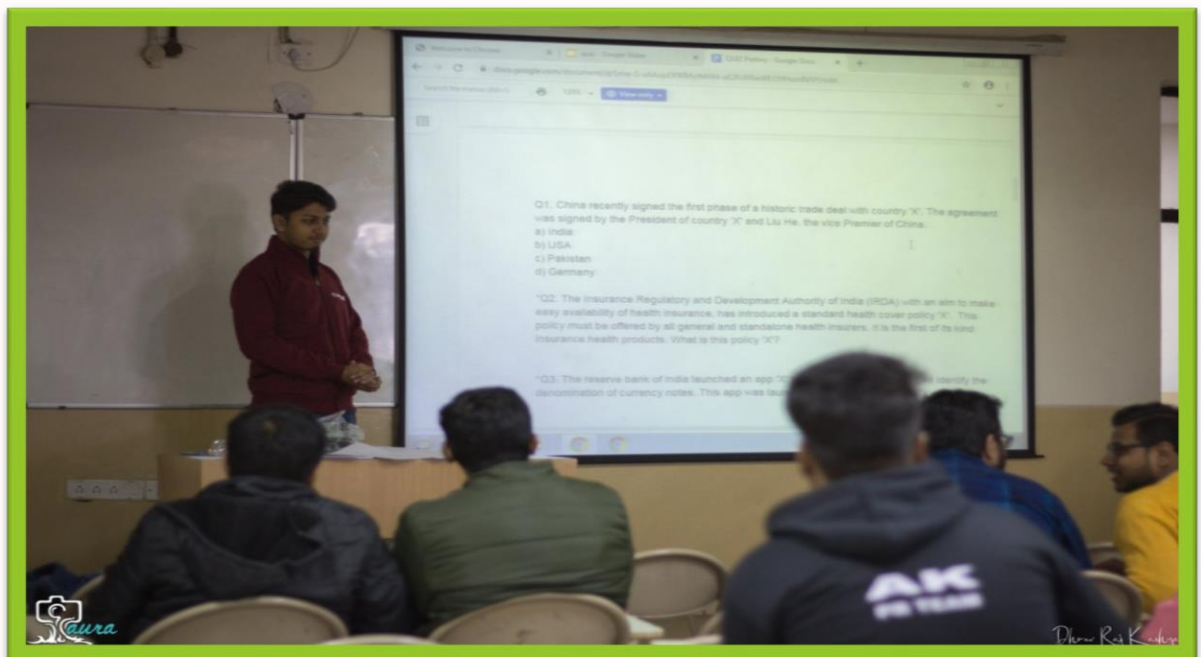
Number of Participants - 21

Brief Description -

To remember the sacrifice of the Father of our Nation, the auspicious day 2nd October is celebrated in the premises of Jaypee Institute of Information Technology. On the occasion of his 150th birthday, Crescendo the music hub of JIIT, presented their love and respect to Mahatma Gandhi by performing his favourite Bhajans- Raghupati Raghav, Bande me tha Dum and Vaishnav Jan. The ceremony was concluded with the National Anthem. The entire team's contribution (on stage or off stage) resulted in the success of the event.

Quiz Hub (Qriosity)

Extra/Co-curricular activities are essential for overall grooming of students. In order to ensure this A quiz Hub Qriosity was formed at JIIT 128, which not only organizes technical quiz events in JIIT but also encourage the students to participate in various technical quiz competitions of various IIT/NIT. So far, our students not only marked their presence but also have won many inter-university quiz competitions.

Activity: Execute 19.2 (2K19)

November 16, 2019

Under the Institution Innovation Council, KNUTH Programming Hub conducted a 4 Hrs. long programming contest on 16 Nov, 2019. It was an ACM ICPC styled team (of maximum 3 participants) based programming contest. Teams from both campuses of JIIT, Delhi Technological University, and G L Bajaj Engineering College Greater Noida participated in Execute 19.2. In total, 82 teams participated in this contest where participating teams were required to propose and implement efficient solutions for the problems centered around real world applications. The contest was hosted on the online judge portal of Hacker Rank. Cash prizes were given to top teams under following categories: (a) Top 3 teams, (b) Topper of the girl team (where all participants were girls), (c) Top team from First Year (where all participants were from first year), and (d) Top team from Second Year (where all participants were from second year).

Product Development Phases- Story Telling (Innovators in Campus)
November 19, 2019

Institution Innovation Cell (IIC) of JIIT NOIDA organized this event. For this event an alumnus of JIIT Noida, Mr. Jaspreet Makkar was invited in the campus. Mr. Jaspreet is the founder of the company WE DO SKY. The aim of the event was to enlighten the students with experience of product development from idea to lab based product to industry or market ready product. The event/talk by Mr. Makkar motivated them and exposed them with the hurdles faced during this journey.

HUB Activities

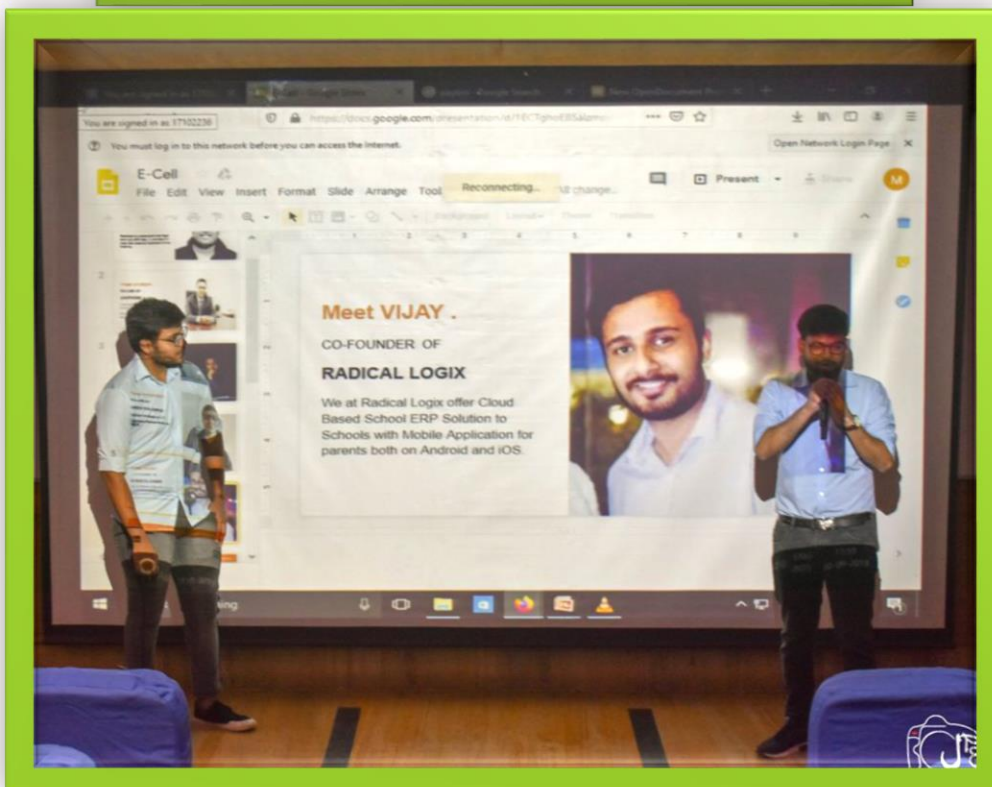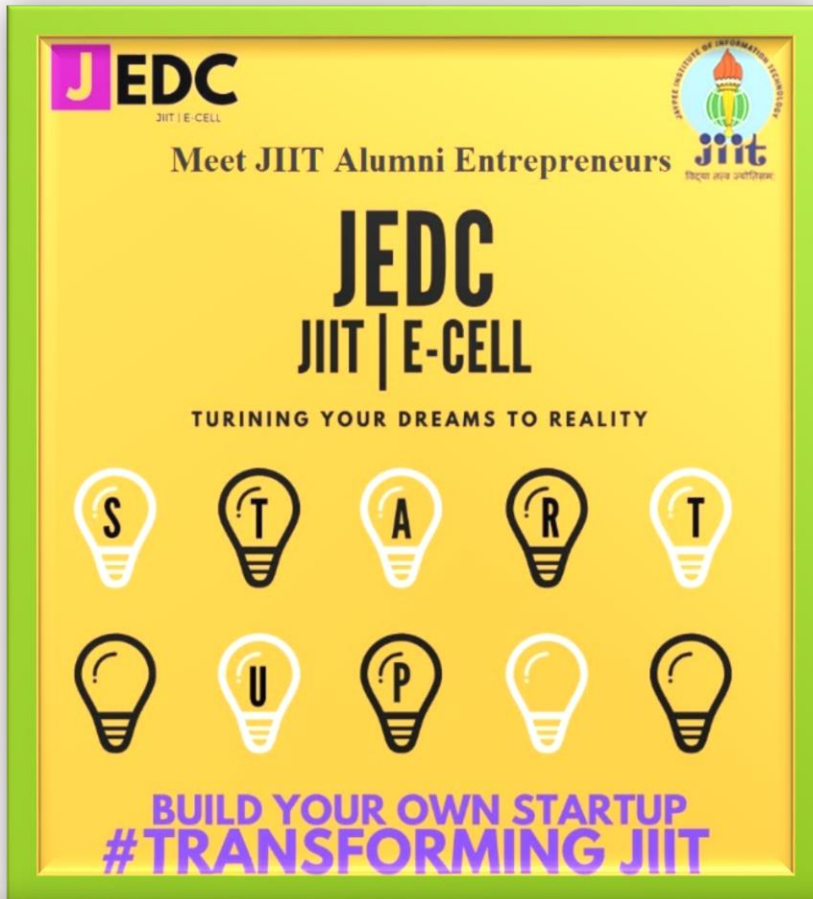| Date of Event	Name of the Hub	Name of the Activity
16 Aug, 2019	Graficas	Orientation
2-3 Sep, 2019	Graficas	Photoshop Workshop
18 Nov, 2019	RIBOSE-The Technical Hub, Biotechnology Department	POLLUTDO
16 Oct, 2019	Yoga and Health Hub	Workshop on Yoga in Daily Life
21 Aug, 2019	ADWITYA	Orientation
5 Sep, 2019	ADWITYA	Poster Making Competition
8 Sep, 2019	ADWITYA	Rally on India Gate organised by Indian Spinal Injuries Center, Delhi
24 Sep, 2019	DSC	Web-dev 19.1
12 Oct, 2019	Jhankaar	Ethinic Night'19
31 Jul, 2019	CICE	ORIENTATION
31 Jul, 2019	CICE	Project exhibition
19 - 24 Aug, 2019	CICE	Hardware workshop
26 Sep – 3 Oct, 2019	CICE	Pcb Workshop
23 Nov, 2019	CICE	VIDYUT
31 Aug, 2019	Radiance Hub	Mr & Ms. Ebullience,
02 Oct, 2019	The Thespian Circle	Gandhi Jayanti Play
15 Nov, 2019	The Thespian Circle	Social Outreach

Hackathon

OSDHack'19
November 23, 2019

Under the Institution Innovation Council, Open Source Developers Community conducted an 8 Hrs. long Hackathon (OSDHack'19) on 23 Nov, 2019. The Hackathon was conducted on different goals of sustainable development. JIIT students made the teams of maximum 4 students and participated in the OSDHack'19. In total, 18 teams participated in the OSDHack'19 where each team comprised of maximum 4 students of JIIT. OSDHack'19 ended on a happy note with every participant having explored and hacked on some of the real world sustainable development goals the world needs to tackle. Each team gave exceptional performance and indeed it was a hard decision for the judges (Mr. Ashutosh and Mr. Priyanshu, both are the alumnus of JIIT) to finalize the winners. Cash prizes were given to the top 3 teams of OSDHack'19. The topper team addressed the problem to "Prevent the Outbreak of the Diseases" whereas other two winning teams addressed the problems on "A Solution to Waste Management" and "Laundry Management System".

Hub Activities

Meet JIIT Alumni Entrepreneurs
November 08, 2019

Seminar on Innovation

Innovation: From mind to Market
October 14, 2019

A seminar was arranged by IPR Cell, JIIT to motivate and inspire JIIT students on innovation and how small ideas can be developed in to extremely fruitful innovations. Prof Pawan K Dhar, Dean, School of Biotechnology, JNU, New Delhi was invited to deliver a talk and interact with JIIT students and faculty on Innovation. Don't be pushed around by the fears in your mind. Be led by the dreams in your heart. Instead of worrying about what you cannot control, shift your energy to what you can create. Such inter-disciplinary motivation was given by Prof Dhar, according to whom nothing is definite, not even the directions, i.e.. North, East, West and South.

Innovation Day Campaign
October 15, 2019

Activity 1: Banner in main places of your institute for large awareness among students regarding the campaign.

Activity 2: Poster making competitions on Innovation in the campus.

Activity 3: Write the cases of Successful Recent Innovations that have come from Student/faculty/institute in last two years.

Activity 4: Short video on best innovative practices/innovation and incubation facilities existing in campus to support student innovation and entrepreneurship.

Activity 5: Invite School students especially nearby Atal Tinkering Labs to visit innovation facilities in institute and organize interactive sessions on importance of innovation and future prospects.

Institute Activities

Entrepreneur's Life and Crossroads
September 26, 2019

Jaypee Entrepreneurship Development Centre and Start up Activity cell of Institute Innovation Council (IIC) help in pilot experimentation, implementation, and testing of novel ideas for possible IT/IT enabled products/services. It also provides a platform for interacting with successful entrepreneurs. For this talk, Mr. Vaibhav Srivastava, Founder & Managing Director of Integus Systems Private Ltd. was invited, to share his expertise.

Industrial Visit

Industrial Visit to Neel Metal Products Ltd. (JBM GROUP), manufacturing Unit in Gurugram November 16, 2019

Delhi Metro Rail Corporation Training Academy at Shastri Park, Delhi November 22, 2019

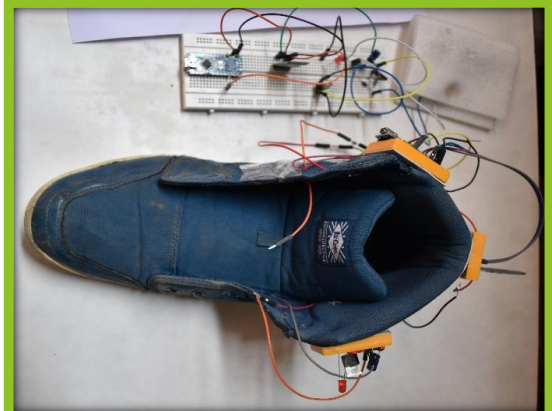Industrial Visit to VIR SOFTECH PVT LTD, i-thum Tower, Noida-62 November 21, 2019

Technology Business Incubation Unit at IIT Delhi November 26, 2019

Vidyut- A wisdom for project design
November 23, 2019
Department: Electronics and Communication Engineering

My Story - Innovator's Life & Crossroad
September 30, 2019

Institution Innovation Cell (IIC) of JIIT NOIDA organized an event on the theme of My Story - Innovator's Life & Crossroad- Motivational Speak - To be Shared by Innovators" by Prof Sarita Ahlawat, IIT Delhi. The aim of the event was to enlighten the students with experience of innovation, product development from idea to lab-based product to industry or market ready product. The event/talk by Dr Sarita motivated them and exposed them with the hurdles faced during this journey of an innovator.

Field visit to village Wazidpur & Bishanpura, Noida, Gautam Budh Nagar
October 15-16, 2019

Institute Activities

Field/Exposure Visit to Village/Society / School/ Industry/ Market – Identity real Life Problem

Door to Door - Swachh Bharat Mission: Village Bishanpura
October 17, 2019

Field visit to Prathmik Avam Uchh Prathmik Vidyalaya, Parthala, Khanjarpur, Sector 122, Noida, Gautam Budh Nagar
October 11, 2019

Field/Exposure Visit to Village/Society / School/ Industry/ Market – Identity real Life Problem

Field visit to societies and slum areas nearby JIIT
October 17, 2019

Institute Activities

Activities by NSS TEAM

Activities by NSS team spreading environmental awareness and concern:
A list of events carried out with Environmental and/or Society concern carried out by students of JIIT.

Date	Event Name	Agency/Organization
Aug-Sep, 2019	Education Drive for Udayan Care Baalak - 2	Udayan Care Baalak/NSS
Aug-Sep, 2019	Education Drive for Udayan Care Baalika	Udayan Care Baalika/NSS
23-28 Sep, 2019	Visit to Udyan Care	Udyan Care centre Ghaziabad/NSS
30 Sep, 2019	Poster Making Competition with NSS volunteers	NSS
4 Oct, 2019	Remembering Bapu - Painting Competition with Orphans	Sewa India Group/NSS
4 Oct, 2019	Inauguration of NSS	Government School, Asgarpur
5 Oct, 2019	Celebrating Dussehra with Slum Children	Sewa India Group/NSS
7 Oct, 2019	The Art of Art -Drawing Sessions	Sai Kripa
Oct, 2019	Imbibing values through festivals	Sewa India Group/NSS
11 Nov, 2019	Dreams and Aspirations of Orphans	NSS
17 Nov, 2019	Children's Day Celebrations with orphans	Lal Bahadur Shastri
17 Nov, 2019	Fit India with an NGO orphans	Lal Bahadur Shastri
17 Nov, 2019	Celebrating Children's Day with Orphans	Sewa India Group/NSS
22 Nov, 2019	Blood Donation for Thalassemia Patients	Om Blood Bank & NSS
22 Nov, 2019	Visit of School kids from Orphanage "Grace Home"	Grace Home/NSS
23 Nov, 2019	Grace home orphanage students' visit to college	GRACE HOME/ NSS
23 Nov, 2019	JIIT Vidyut 2019	GRACE HOME/ NSS
30 Nov, 2019	Extension Activity Grace Care Students Campus Visit	GRACE HOME/ NSS
30 Nov, 2019	Grace Care Foundation Student College Visit	Grace Care Foundation/NSS
15-21 Dec, 2019	Special camp with grace home	Grace Home/NSS
Dec, 2019	Neki Ki deewar	NGO Helping Others/NSS
31 Dec, 2019	Waste Segregation	NGO Helping Others/NSS

JIIT faculty and students are constantly involved in activities directed to create environmental awareness and concern towards society. These activities were taken up as part of two initiatives that can be broadly grouped under the titles " Unnat Bharat Abhiyan" and "Swacch Bharat Abhiyan". Table below gives the details of the same.

Date	Department / Hub/JBS	Name of event/activity/visit
07-08 Jul, 2019	Unnat Bharat Abhiyan	Survey of Bishanpura Village
10-12 Jul, 2019	Unnat Bharat Abhiyan	Survey of Bishanpura Village
17 Oct, 2019	Unnat Bharat Abhiyan	Awareness Campaign on No to One Use Plastic - Village Bishanpura
13-14 Jul, 2019	Unnat Bharat Abhiyan	Survey of Bisrakh Village
13 Aug, 2019	Unnat Bharat Abhiyan	Survey of Bisrakh Village
08-09 Jul, 2019	Unnat Bharat Abhiyan	Survey of Khairpur Village
10-12 Jul, 2019	Unnat Bharat Abhiyan	Survey of Khairpur Village
09 Jul, 2019	Unnat Bharat Abhiyan	Survey of Sultanpur Village
13Jul, 2019	Unnat Bharat Abhiyan	Survey of Sultanpur Village
15 Jul, 2019	Unnat Bharat Abhiyan	Survey of Sultanpur Village
07 Nov, 2019	Unnat Bharat Abhiyan	Awareness Campaign on No to One Use Plastic - Village Sultanpur
17 Jul, 2019	Unnat Bharat Abhiyan	Survey of Wazidpura Village
22 Jul, 2019	Unnat Bharat Abhiyan	Survey of Wazidpura Village
09 Sep, 2019	Unnat Bharat Abhiyan	Survey of Wazidpura Village
15 Oct, 2019	Unnat Bharat Abhiyan	Awareness Campaign on No to One Use Plastic - Wazidpura Village
17 Oct, 2019	Swachh Bharat Abhiyan	Awareness Campaign on Swachh Bharat Abhiyan Activity - Village Bishanpura
17 Oct, 2019	Swachh Bharat Abhiyan	Swachh Bharat Awareness Campaign - Village Bishanpura
07 Nov, 2019	Swachh Bharat Abhiyan	Awareness Campaign on Swachh Bharat Abhiyan Activity - Village Sultanpur
07 Nov, 2019	Swachh Bharat Abhiyan	Swachh Bharat Awareness Campaign - Village Sultanpur
15 Oct, 2019	Swachh Bharat Abhiyan	Awareness Campaign on Swachh Bharat Abhiyan Activity - Wazidpura Village
15 Oct, 2019	Swachh Bharat Abhiyan	Swachh Bharat Awareness Campaign Wazidpura Village

Institute activities

Jaypee Institute of Information Technology, Noida