

Skill Development Workshop Report

Workshop topic: Youth Empowerment and Skills Development

Duration: July 29-31, 2016

No. of participants: 28

Resource Persons:

1. Dr. Saurabh Shekhawat, The Art of Living, Rajasthan
2. Ms Maneesha Pareek, The Art of Living, Rajasthan

Centre of Innovation, Incubation and Entrepreneurship (CIIE), JKLU organised a workshop on 'Youth Empowerment and Skills Development' by the Art of Living from July 29 – 31, 2016. The facilitator was Dr. Saurabh Shekhawat, State Teachers' Coordinator, The Art of Living, Rajasthan.

As the name suggests, the agenda of this program was to teach students, especially youth the techniques, more precisely skills to eliminate stress. Also, it had the blend of values and Indian Mythology, which were taught playfully to the participants. The course covered each and every aspect of society, including Relationship Management and Social Bond Building, Food and Nutrition, Yoga and Benefits, Society and Value, Stress Management, Time Management and many such issues related to society today in a playful manner. It also taught a very sacred process, Sudarshan Kriya which is a core of each and every happiness program.

This two and a half day seminar ended with a positive note wherein the last day was a beautiful Satsang where each and every one participated and sung divine Bhajans and some of the most popular film songs. This concert was led by the lead singer of the Rhythm Divine Band – Mr Manish Sharma accompanied by student of IM – Mr Kunj Ahuja of MBA 2nd Year. 28 students from IM and IET participated in the workshop.



Dr. Umesh Gupta



Skill Development Workshop Report

Workshop topic: Android Application Development Skills

Duration: August 11-12, 2016

No. of participants: 26

Resource Persons: Mr. Chandan Verma, Roxent Technologies Ltd. Delhi

A workshop on “Android App Development Skills” has been held at Institute of Engineering & Technology, JK LakshmiPat University, Jaipur on dated 11-12 Aug 2016. The workshop was jointly organized by Roxent Technologies Ltd. Delhi and JK LakshmiPat University Jaipur. Students from 3rd Semester as well as from 5th Semester took part in the workshop with full enthusiasm. Mr. Chandan Verma, an Android App development expert from Roxent Technologies Ltd. Delhi, came to campus to impart this training. Under his expert guidance, 26 students learnt Android App Development.

First day, the workshop started with a vision of enhancing student’s capabilities of creating android application. On the first day, the expert started with core concepts of Java, paradigms of Java, objects, classes, methods, platform independency, strongly typed etc. After teaching the syntax of coding an app, he finally created an app and showed the students. Second day started with small app begun to be created. Few quizzes were taken by the host on general concepts told the last day. The expert asked a few questions from the students and students answered them. After that, he taught how to add features like Bluetooth and WiFi commanding to your created app. Also told us to make our app as interactive as we can i.e changing the colors of the background, using buttons etc. The day was about to end. At the end of the day, a quiz was taken by the expert so as to conclude on what students has learned in the workshop. After one hour, the quiz ended with one winner student Mr. Tanuj Kumar who created the application first. The students were finally distributed their certificates.




(Dr. Sonal Jain)



Skill Development Seminar Report

Title: Seminar on “How to Develop Key Competencies in Budding Professional”

Duration: August 20, 2016

No. of participants: 12

Resource Persons: Dr. Asha Bhandarker, Dean- International Relations & Professor - IMI, New Delhi

A seminar on “How to Develop Key Competencies in Budding Professional” was organized by Institute of Management as part of the distinguished lecture series. This session was delivered by Dr. Asha Bhandarker on August 20, 2016. With Dr. Manoj Bhatia, Associate Dean-IM presiding over the session, she went on to address the audience consisting of faculty members of IM. The session was highly interactive in nature.

Few Key Highlights were a) Value system and integrity is must for all the stake holders of management education. “Dharma” of management professors is to incorporate these values into the budding professionals; b) HR is Omni-present, and any domain must incorporate it; c) A faculty must be a good researcher and a good writer. A teacher should not teach, rather facilitate; d) Along with teaching, research is a very important aspect for any faculty member. Skills must be updated/ upgraded as required. Changing methods and tools should be made available to the faculty members.




(Dr. Ashwini Sharma)



Skill Development Workshop Report

Workshop title: Wireless Communication Skills

Duration: September 23, 2016

No. of participants: 18

Resource Persons: Dr. Yogesh N Trivedi, Professor, NIRMA University, Ahmedabad

A one-day workshop on Wireless Communication (MATLAB Simulation) was conducted on September 23, 2016 by Dr. Yogesh N Trivedi (Professor, NIRMA University, Ahmedabad). The workshop is organized for 3rd year & 4th year Students of ECE and EE department. The contents of the workshop are as below:

- Introduction to Wireless Communication and MATLAB Simulation.
- Programming on Single channel and Multichannel Wireless Systems
- Understanding of BER (Bit Error Rate) and SNR(Signal to Noise Ratio) relationship
- Advanced trends in wireless communication: MIMO Systems and Cognitive radio.



Divanshu Jain



Skill Development Workshop Report

Workshop title: Skills Training Programme on “MATLAB/ Simulink”


Duration: September 29-30, 2016

No. of participants: 74

Resource Persons: Dr. Rajesh Kumar, Associate Professor, MNIT Jaipur

Institute of Engineering and Technology conducted a two days training programme on “ MATLAB/ Simulink” on September 29-30, 2016. Theory sessions of the workshop was conducted by Dr. Rajesh Kumar, Associate Professor, Department of Electrical Engineering, Malaviya National Institute of Technology, Jaipur and the hands-on sessions was conducted. This training programme was attended by faculty members and students. The programme was coordinated by Mr. H. P. Agarwal.




(H P Agrawal)



Research Methodology Workshop Report

Workshop topic: Computational Techniques & Tools for Research

Duration: October 6-8, 2016

No. of participants: 26

Resource Persons:

1. Prof. Allan Struthers, Michigan Technological University, USA
2. Dr. Jagdish Chand Bansal, South Asia University, New Delhi

A workshop on Computational Techniques & Tools for Research was conducted in association with Soft Computing Research society and Michigan Technological University, USA at Department of Computer Science Engineering and Department of Mathematics, Institute of Engineering & Technology, JK Lakshmipat University. It was inaugurated by Prof. Dr.-Ing Anupam Kumar Singh, Director – IET, JKLU. The very first session was expert talk by Prof. Dr.-Ing Anupam Kumar Singh, Director – IET, on “Mathematical Modelling”. He started the session by giving the brief insight on very basic terms Model, Modeling and Mathematical Modelling. He continued to demonstrate the usage of mathematics in daily life. He illustrated the differences between the real world (phenomenon) and the conceptual world (observations, models, predictions). In addition to this, he also illustrated the principles of mathematical modelling. He completed the talk with some real world applications of mathematical modelling. Few of them were pipe network, open channel, etc. In the next session, there was another expert talk given by Prof. Allan Struthers, Michigan Technological University, USA. The topic for this session was “Data Visualization”. Prof. Struthers demonstrated few new mathematical tools with their usage in various engineering domains. He explained in detail about a mathematical tool known as Mathematica and presented a demo to illustrate the use of Mathematica with some graph (plot) representation of multidimensional functions.

The second day of FDP was started with the hands on session for participants by Prof. Allan Struthers, Michigan Technological University, USA to demonstrate the usage of Mathematica tool in engineering research problems. The next session took by guest speaker Dr. Jagdish Chand Bansal, South Asia University, New Delhi on “Computational Intelligence”. During the session, Dr. Bansal demonstrated the categorization of computational intelligence techniques and then he illustrated the mechanisms behind various optimization techniques based on nature inspired algorithms. He particularly elaborated the steps involved in Particle Swarm Optimization (PSO) algorithm. He also presented his own developed algorithm Spider Monkey Optimization along with its implementation and usage in engineering optimization problems and presented a brief comparison of this algorithm with other state-of-the-art optimization techniques.

The next event on the day was the inauguration of Soft Computing Research Society (SCRS) Jaipur Chapter. The society was briefly introduced by the general secretary Dr. Jagdish Bansal, South Asia University, New Delhi. The words of appreciation on this occasion were delivered by Prof. Dr. – Ing Anupam Kumar Singh, Director, Institute of Engineering and Technology. Followed to this, the SCRS Jaipur chapter was formally opened by Prof. (Dr.) Roshan Lal Raina, Honorable Vice Chancellor, JK Lakshmipat University (JKLU), Jaipur. All the participants of the programme presented their perception about the learning taken out from this three days Faculty Development Programme. The vote of thanks was delivered by Dr. Umesh Gupta, Associate Professor, JKLU. Dr. Gupta would be presided the SCRS at Jaipur chapter.

JK LAKSHMIPAT UNIVERSITY



On the last day of FDP, there was another expert talk by Prof. Allan Struthers on “Cluster Techniques”. Prof. Struthers explained various clustering techniques along with their applications. Post Lunch session was again conducted by Prof. Allan. The title of the talk was Solving Partial Differential Equations using Mathematica. The participants practiced these techniques during hands on sessions using Mathematica.

The entire workshop was co-ordinated by Dr. Umesh Gupta and Dr. Sonal Jain.




Umesh Gupta
Faculty Coordinator



Skill Development Workshop Report

Workshop title: GPS and Total Station Skill Development

Duration: October 20-21, 2016

No. of participants: 61

Resource Persons: Mr. Akshay Jain, Mr. Parth Patel and Mr. Aashish Chaurasia, Geomatics Academy

JK Lakshmipat University has organized a two days workshop titled “GPS and Total Station Skill Development” using global positioning system (GPS) and Total Station along with Indian Society of Geomatics (ISG) Jaipur chapter and Geomatics Academy. The workshop aimed at giving skill training and promoting the field application of GPS technology and make students ready to use it while they are on job for information management and decision-making processes.

Director- Institute of Engineering & Technology Prof Dr-Ing Anupam Kumar Singh delivered a keynote address on Applications of Geomatics in Civil Engineering. Mr. Akshay Jain (Expert from Geomatics Academy) and Dr. Ravi Kumar Ganti, Head, Department of Civil Engineering introduced to students about the concept of different component of GPS, Geo-positioning, Space Based Triangulation and GPS accuracy, field data capturing etc. The other two experts from Geomatics Academy, Mr. Parth Patel, and Mr. Aashish Chaurasia conducted the hand on sessions on mapping of JKLU campus by recording a series of locations , attributes in field and as well as data processing on GPS software.



Vinod Kumar Vishwakarma

(Vinod Kumar Vishwakarma)



Entrepreneurship Skills Workshop Report

Workshop title: National Entrepreneurship Network (NEN) E-Leaders Workshop

Duration: December 15-16, 2016

No. of participants: 20

Resource Persons: Ms. Sanya Singh, NEN

NEN E - Leader Workshop was an intensive two-day workshop that aimed to bring out a fresh perspective on the E-Cell as well as leadership and encourage the participants to champion the cause of their E-cells, and entrepreneurship as a career. The workshop was also a platform to connect E Leaders in the city, establish worthwhile collaborative relationships, exchange ideas & best practices and also meet other members of the entrepreneurial community.

During the workshop the participants were trained for how to develop E- Cell structure at their campus and enroll more and more students. The students were suggested to focus on aspiring students, student entrepreneurs and alumni entrepreneurs. E- Leader were also introduced the NEN courses, various formats and activities which can be introduced and run at their campus.

The facilitator of the workshop was NEN instructor, Ms. Sanya Singh. 20 E- leaders of various institutes of Jaipur.




(Dr. Umesh Gupta)



Entrepreneurship Skills Workshop Report

Workshop title: Digital Marketing and Entrepreneurship

Duration: December 16-17, 2016

No. of participants: 40

Resource Persons: Team from MakeIntern

CIIE, JKLU organized a two-day workshop on "Digital Marketing and Entrepreneurship" on 16th and 17th December, 2016. It was conducted by MakeIntern (workshop partner) on behalf of Carpe-Diem (IIM Calcutta Event) followed by a competition. The workshop was facilitated by "Mr. Ujjawal Chug", founder member and CEO of 'ISOLS Group', New Delhi based entrepreneurial venture. A B.tech graduated and a Digital Marketer, Mr. Ujjawal had a tremendous experience of 7 years in the field. The workshop secured real parts of Digital Marketing beginning from fundamental standards of Marketing to that of the contemporary issues, for example, Search Engine Marketing, Ad and Website Designing utilizing WordPress Software, Content writing for Blogs and Websites, Search Engine Optimisation and covered topics on 'Advancement and Passion Identification for Entrepreneurship'.

The workshop was rich in its content and structurally designed. Students of JKLU as well as from other different institutes of Jaipur.



(Dr. Umesh Gupta)



Skill Development Workshop Report

Title: Workshop on “Tall Buildings Design Skills”

Duration: March 30-31, 2017

No. of participants: 16

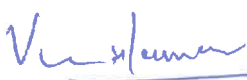
Faculty coordinator: Mr. Vivek Singh, Engineer in Civil Simplified, SkyfiLabs Bangaluru

Department of Civil Engineering IET organized 2 Day Workshop on March 30-31, 2017 entitled "Tall Building Design Skills" in association with Civil Simplified, SkyfiLabs and JK LakshmiPat University (JKLU). The expert in the workshop was Mr. Vivek Singh (Engineer in Civil Simplified, SkyfiLabs Bangaluru).

The expert primarily aimed at educating the participants about analysis and design of tall buildings. Students has been introduced to structural building engineering and associated commercial software SAP 2000 and ETABS used in tall building design. With the help of various case studies, the participants have been made to understand and develop the skills required for designing tall buildings in the real world. Participants learned to evaluate different problem statements given to them and so increase proficiency in key civil engineering concepts.

The expert also had given various materials related to SAP2000 and ETABS. This workshop offered the participants a great opportunity in modelling a G+5 storey high rise building considering the effect of wind load.




(Vinod Kumar Vishwakarma)



Entrepreneurship Skills Seminar Report

Title: Seminar on “Know Your Entrepreneurship Style”

Duration: April 15, 2017

No. of participants: 41

Resource Persons: Dr. Umesh Gupta, JKLU

An academic forum seminar was conducted on “Know Your Entrepreneurship Style” on April 15, 2017. The session was conducted by Dr. Umesh Gupta, Associate Professor, JK LakshmiPat University. He discussed upon various entrepreneurship styles; individuals have. These entrepreneurship styles are, maker, merchant, magician, mobilizer and master. He conducted an exercise with faculty members to evaluate their scores to learn which of these styles they belong to. He suggested to make teams in the class using this activity so that the teams have people with diversified characteristics.




(Dr. Umesh Gupta)



Research Methodology Seminar Report

Title: FDP on “Sponsored Research Funding Opportunities”

Duration: May 20, 2017

No. of participants: 48


Resource Person: Dr. D. Nagesh Kumar, Indian Institute of Science (IISc.), Bangalore

Faculty development program was organized on May 20, 2017 for faculties of IET and IM on ‘Sponsored Research Funding Opportunities’. The speaker of the session was Dr. D. Nagesh Kumar, Indian Institute of Science, Bangalore.

Dr. D. Nagesh Kumar highlighted the importance of research in institution building. The speaker split the research word - ‘re’ meaning again and ‘search’ meaning examine closely. Insisted faculty members to think out of box. As research provides innovative ideas and research solution for societal benefits. He explained the hourglass notion of research – Start with broad level, then narrow down and focus in operationalize, observe, analyze, and reach to desired conclusion and at last generalize back to research question.

He discussed the motivating factors behind research that are, firstly become best critic of yourself, and secondly, identify the research area as per the taste / interest of oneself. While selecting research topic, consider key factors like suitability for innovation and research, realistic assumptions, topic must be related with dynamic nature of technology.




(Dr. Pushpendra Singh)

