



IQAC ANNUAL EVENT REPORT ON
QUALITY RELATED
CONFERENCES/WORKSHOPS/
SEMINARS **2017-18**



DIT University

Mussoorie Diversion Road, Dehradun,
Uttarakhand-248009





**CONFERENCE/
WORKSHOPS/SEMINARS
ON QUALITY**

Date of event:
16th August 2017

No. of Participants:
20

Resource Person:
Mr. Pravesh Gailakoti
Sr. Business Analyst,
DD InfoSoft,

Organizing Department/ Organization
Faculty of
Management
Studies, DITU

Outcomes

FACULTY DEVELOPMENT PROGRAM ON CAREER OPPORTUNITIES IN BUSINESS ANALYTICS INDUSTRY

Objective

The main objective of the FDP was to provide faculty members about career opportunities and roles available for graduates in business analytics industry.

The event was organized with a motive to educate the faculty members and students about the emerging field of business analytics in management and the various career opportunities that it offers for students. The event was focused on the Business Analytics Industry and its applications across industries. The expert Mr. Pravesh Gailakoti, Sr. Business Analyst, DD InfoSoft, was the guest speaker of the lecture. Mr. Pravesh was very resourceful in enlightening the participants about the emerging field of Business Analytics, the scope of young research/analytics enthusiasts in the field with regards to the various career and growth opportunities. The session covered the emerging trends in the field and was an eye opener for the students to explore possible employment opportunities.

Report

The FDP was made faculty members aware about the career opportunities existing for graduates in new domain of business analytics. It explained how analytics domain cuts across industries and

domains such as retail analytics, healthcare analytics, financial analytics, Process analytics, web analytics, marketing analytics, HR Analytics etc. Further, it helped faculty members get an idea about how they may enrich the curriculum of analytics courses so as to bridge the gap between industry and academia.



Faculty Development Program on Career Opportunities in Business Analytics Industry held on 16th August 2017

FACULTY DEVELOPMENT PROGRAM ON FINANCIAL MANAGEMENT

Date of event:

1st October 2017

No. of Participants:

15

Objective

The main objective of this FDP was to make faculty members aware about the nuances of financial management and best of accounting practices across globe.

Report

The guest lecture on Financial Management was taken by CA Sameer Gupta. CA Sameer Gupta is the Senior Chartered Accountant and founder of MACROSGLOBAL. The session was very informative and helpful to the faculty members. CA Sameer spoke to the faculty regarding financial management, nuances of accounting and book keeping principles. The faculty benefited from the expert knowledge shared. The session was very informative and interactive, where the students put up their queries with regards to managing finances, investments and income tax. Overall, session was very informative and gave faculty members and students a great food for thought to enrich their learnings.

The main outcome of the event was faculty members learning about financial management and accounting practices being used in India and across the globe. Though the event was primarily for

faculty members but few selected students too were given opportunity to attend this FDP. The FDP sensitized faculty members of all domains to understand the relevance of Finance and accounts in general. More importantly, faculty members could understand how to approach case studies better and provide a realistic and practical solution based on proper financial management and accounting analysis for a firm. There were lot interactions over how to better manage personal finance. The FDP was truly an enriching experience for everyone

Resource

Person:

CA Sameer Gupta

Senior Chartered Accountant

Founder

of MACROSGLOBAL

Organizing

Department/

Organization

Faculty of

Management

Studies, DITU

Outcomes



Faculty Development Program on Career Opportunities in Business Analytics Industry
held on 1st October 2017

Date of event:
18th Dec – 24th Dec. 2017

No. of Participants:
30

Resource Person:
Dr. Ajay Chauhan
Founder of Research Shiksha
Dr. Prakash Tiwari, DITU
Dr. Hemraj Verma, DITU
Dr. Pankaj Chamola, DITU
Dr. Vijay Jain, DITU

**Organizing
Department/
Organization**
Faculty of
Management
Studies, DITU

Outcome

FDP ON DATA ANALYSIS USING SPSS AND STRUCTURAL EQUATION MODELLING (SEM) USING AMOS 24.0 VERSION AND INTRODUCTION TO PROCESS & NODEXL

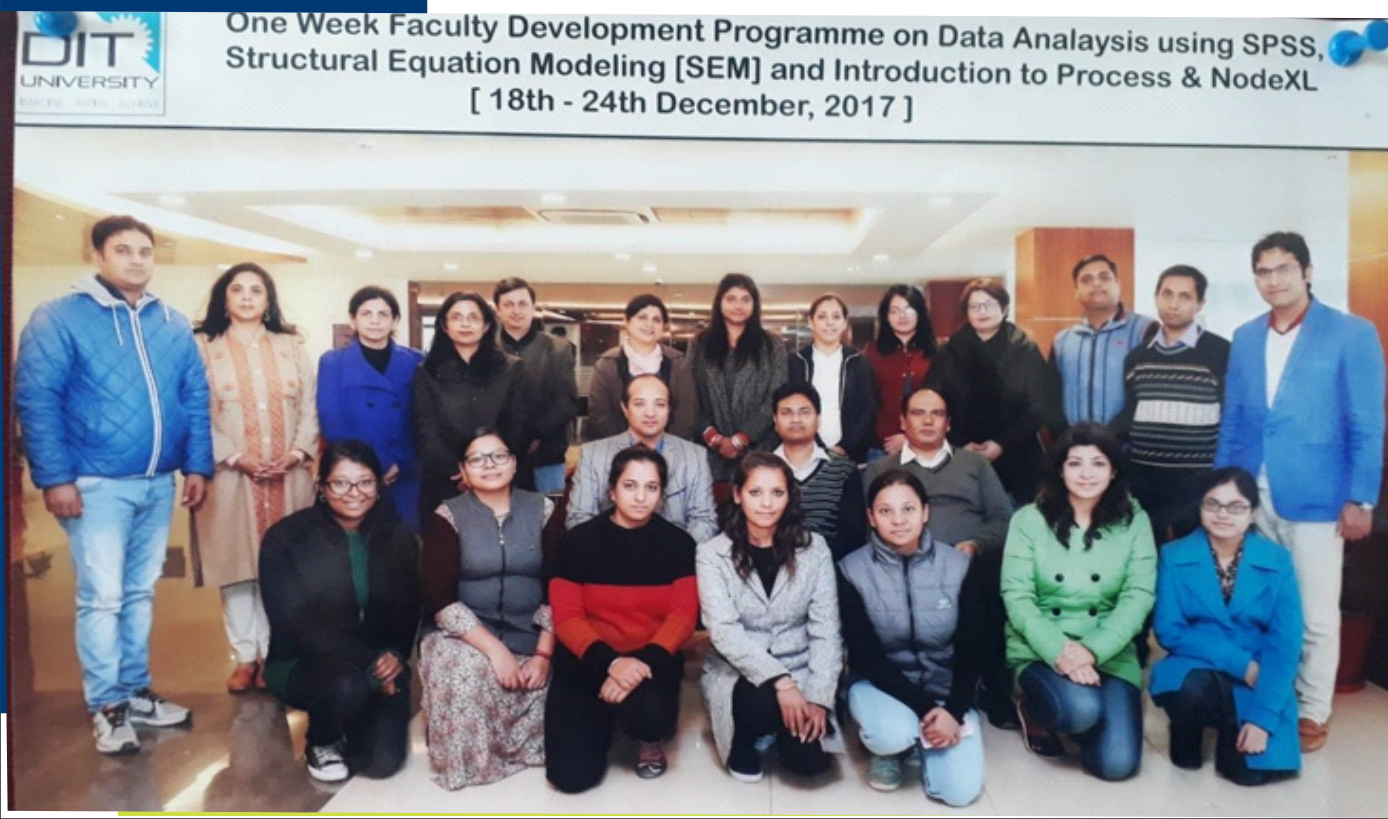
Objective

The main objective of this FDP was to provide Faculty members and research scholars a hands on training on advance level data analysis using SPSS, AMOS, PROCESS Macro and NodeXI

Report

Dr. Ajay Chauhan, Dr. Prakash Tiwari, Dr. Hemraj Verma, Dr. Pankaj Chamola and Dr. Vijay Jain were the main resource person in one week FDP programme on SEM. This one week FDP was very beneficial for Faculty, research scholars in learning new tools and techniques of data analysis. The one week long FDP was an intense learning program that helped the participants to learn by practice, the students practiced working on the data sheets on the software, in the computer lab. Many scholars from across India participated in the FDP and were very grateful for such an amazing learning opportunity.

At the end of the FDP, faculty members and scholars could use the advance software and tools of data analysis independently. There was lot of emphasis on Structure Equation Modelling which is a critical tool for validating hypothesized models in the context of social science research.



WORKSHOP ON LAN GAMING BY CODEGENX

Date of event:
3rd January 2018

No. of Participants:
14



School of Computing has organized a Workshop on LAN Gaming. LAN Gaming is a playing computers game consoles, where a local area network (LAN) connection is established between the devices using a router or switch or virtual LAN, primarily for the purpose of playing multiplayer games together.

Resource
Person:
A team
from CodeGenx

Organizing
Department/
Organization
School of
Computing,
DITU

Date of event:
31st January 2018

No. of Participants:
15

**Organizing
Department/
Organization**
EECE Department,
School of Engineering
and Technology

WORKSHOP ON CYBER SECURITY

Workshop on “Cyber Security” conducted by EECE Department on 31 January 2018. Introduction, History of cyber crime and Definition Categories of cyber crime, Types of cyber crime, Cyber criminals Prevention, and conclusion were the discussion points in the workshop. Total 15 faculty participated in event.



FACULTY DEVELOPMENT PROGRAM WORKSHOP ON AWS-18

Department of EECE conducted a 3 day workshop with poster presentation "AWS-18" on "Design & development of Antenna" from 8th-10th Feb. 2018 at the civil block. The workshop was carried out with the aim of enlightening the students in the field of antenna-Reconfigurable Antennas, Conformal antenna, Cognitive radio antennas etc. Also the training was provided for Modelling of MSA using HFSS Software and development of prototype antenna on PCB printed machine and testing its transmission line parameter on VNA. Total 25 faculty members participated in event.

Date of event:
8th to 10th Feb 2018

No. of Participants:
25

**Organizing
Department/
Organization**
EECE Department,
School of Engineering
and Technology



Date of event:
30th March to 1st April 2018

No. of Participants:
30

Resource Person:
Dr. Dilip K Mahanty

Organizing Department/ Organization
ME Department,
School of Engineering
and Technology

WORKSHOP "HANDS ON FEM & PRACTICAL STRESS ANALYSIS"



DEPARTMENT OF MECHANICAL ENGINEERING

In Association With

NAFEMS India Operations

Organizing Three Days Workshop On

'HANDS ON FEM & PRACTICAL STRESS ANALYSIS'

Guest Speakers

DR. K ELANGO VAN

Regional Representative, NAFEMS India Operations

DR. DILIP K MAHANTY

Vice Chairman, NAFEMS India Operations

Sponsors:

Date: March 30th to April 1st, 2018

Venue: Room No. 502, Vedanta Building



DITUNIVERSITY.EDU.IN

The Mechanical Engineering Department has organized a workshop on Finite Element Methods under the leadership of Dr. Dilip K Mahanty. This three day event has successfully covered the basic concepts and applications of FEM with the help of series of interactive sessions and hands on workshop. Total 30 faculty participated in event.



FACULTY DEVELOPMENT PROGRAM WORKSHOP ON MACHINE LEARNING

A Workshop was conducted on 31 March 2018 with the aim of enlightening the faculty in the field of machine learning. Hands on practice of the machine learning on PyCharm, Numerical Analysis of the datasets, importing datasets into PyCharm was demonstrated with the help of coding. 35 faculty members participated in the workshop.

Date of event:
31st March 2018

No. of Participants:
35

Organizing
Department/
Organization
School of
Computing



Date of event:
21st May 2018

No. of Participants:
25

**Resource
Person:**

Prof. Dinesh Agrawal,
Professor of Materials,
The Pennsylvania University,
Penn State, USA

**Organizing
Department/
Organization**
School of
Computing

FACULTY DEVELOPMENT PROGRAM ON “MICROWAVE MATERIALS PROCESSING FOR VARIOUS MATERIALS APPLICATIONS: AN OVERVIEW”



Faculty Development Program on Microwaves “2.54 GHz” as Green technology for Processing of Advanced Engineering Materials was organized for Faculty of Department of Physics, Chemistry, Mechanical Engineering and Electrical & Electronics and Communication engineering on 21st May, 2018. The lecture provided a historical perspective, fundamentals, and applications of microwave energy in various fields. It focused on the key technologies using microwave energy as alternative solutions which are better, cheaper, and greener than the existing ones. For example, microwave energy can be applied commercially for steel making, recycling of used tires and disinfestation of food grains. The presentation gave various aspects of such applications, their status and how it will be helping to find solutions using new emerging energy based technologies.





**COLLABORTIVE CONFERENCE /
WORKSHOPS/SEMINARS
ON QUALITY**

Date of event:
4th January 2018

No. of Participants:
43

Resource Person:
A team
from CodeGenx

Organizing Department/ Organization
School of
Computing, DITU

Outcomes

Objective

The main purpose this workshop was to provide faculty members and students a chance to learn web development hands-on through an industry expert from CodeHGenx

School of Computing has organized a Workshop on Web Development on 4th January 2018. Web Designing is the planning and creation of websites. This includes the information architecture, user interface, site structure, navigation, layout, colors, fonts, and imagery. All of these are combined with the principles of design to create a website that meets the goals of the owner and designer. Since website designing has gone significant changes recently, so this workshop provided and opportunity to faculty members and students to learn latest tools and techniques of designing websites efficiently.

Report

This workshop provided hands-on training to 43 faculty members and students to learn new age website designing tools that enable website designing more efficiently and effectively.



Workshop on Web Development by CodeGenX on 4th Jan. 2018

WORKSHOP ON MATERIAL FOR ADVANCED TECHNOLOGIES (MAT-2017)

Date of event:
20th-21st, February 2017

No. of Participants:
82

Brief text with introduction, objectives, event details, content and outcome.

Two days Workshop on Materials for Advanced Technologies (MAT-2017) was jointly organized by Department of Physics, Electronics & Communication and Chemistry in Association with Materials Research Society of India (MRSI) - Delhi Chapter and student chapter SPIE & OSA DIT University on 20th and 21st February 2017.

The inaugural function was held on 20th February and the symposium was inaugurated by chief guest Dr. S.S. Negi, Advisor to Bharat Electronics Limited. Dr. K.K. Raina, Vice Chancellor, DIT University presided over the function. Dr. S. Swaminathan, Pro Vice Chancellor, DIT, University and Dr. Shishir Kumar, Director Academic Administration, DIT University also graced the occasion. Our chief guest motivated and encouraged the participants, delegates and students of DIT University towards skill India and Make in India schemes of Govt. of India. Dr. Chandra Prakash, Chairman, MARS Delhi Chapter, gave a brief about MRSI and National and International status of research in the field of Electroceramics and Nano in India. Valedictory function of the workshop was held on 21st February, 2017. Dr. K.K. Raina, Vice Chancellor, DIT University; Dr. S. Swaminathan, Pro Vice Chancellor, DIT University and Dr. Shishir Kumar, Director Academic Administration, DIT University graced the occasion.

Prof. Ramesh Chandra
from IIT Roorkee,
Dr. A.K. Gupta,
DRDO Fellow, DEAL, Dehradun
Prof. Vijay Kumar,
Shiv Nadar University
Prof. K.K. Bammzai,
University of Jammu
Dr. Puneet Sharma,
Thapar University Patiala
Dr. Rajesh Punia,
GJU S&T, Hissar
Dr. Saumendu Jana,
Thapar University, Patiala
Dr. Amit Kumar,
AMITY Noida
Prof. K.L. Yadav,
IIT Roorkee



Date of event:
12th-13th October 2017

No. of Participants:
50

Name of the event

Workshop on “WELL INTEGRITY in Indian Context” (A Platform for Industry-Academia Interaction/ Collaboration)

**WORKSHOP ON “WELL INTEGRITY IN INDIAN CONTEXT”
(A PLATFORM FOR INDUSTRY-ACADEMIA INTERACTION/ COLLABORATION)
DEPARTMENT OF PETROLEUM ENGINEERING**

Brief text with introduction, objectives, event details, content and outcome

This workshop has been organized to maximize opportunities for networking, knowledge sharing and learning for the Petroleum Engineering students and others from Industry. In this workshop students and faculty learned about NORSOK D-010 and various applications of technical, operational and organizational solutions to reduce risk of uncontrolled release of formation fluids throughout the life cycle of a well. Having a sense of awareness for well integrity management system, Risk analysis, well design, well construction and the barrier requirements are driven by the input of the basis of design and the identified hazards in context of India is an essential attribute for a Petroleum Engineer. With this two day workshop, the Department of Petroleum & Energy Studies expects to generate the desired awareness amongst the students.

Prof. Ramesh Chandra
from IIT Roorkee,
Dr. A.K. Gupta,
DRDO Fellow, DEAL, Dehradun
Prof. Vijay Kumar,
Shiv Nadar University
Prof. K.K. Bammzai,
University of Jammu
Dr. Puneet Sharma,
Thapar University Patiala
Dr. Rajesh Punia,
GJU S&T, Hissar
Dr. Saumendu Jana,
Thapar University, Patiala
Dr. Amit Kumar,
AMITY Noida
Prof. K.L. Yadav,
IIT Roorkee

Name of the collaborator

SPE student chapter,
ONGC, Reliance,
Shell, and Crain.



Events details:

Topic	Guest Speaker	Date	Venue
Geo-Mechanical Earth Modelling	Mr. Pradeep Kumar DGM – Geophysics, Wells, ONGC, Dehradun	12 th October 2017	DIT University
Sustained Casing Pressure in Rajasthan Well	Mr. Anirudh Golwalkar, Principal Drilling Engineer, Cairn, Gurgaon. Ms. Kasturi Bramhane, Drilling Engineer, Cairn, Gurgaon.	12 th October 2017	DIT University
Cased Hole Well Integrity	Mr. Pradeep Kumar, DGM – Geophysics – Wells, ONGC, Dehradun	12 th October 2017	DIT University
Primary & Remedial Cementing for Well Integrity solutions in ONGC Wells	Mr. Pradip Kumar, Head Cementing, ONGC	13 th October 2017	DIT University
Well Integrity for G&G Operation Perspective	Mr. Nitin Bharadwaj, Operations Geologist, RIL	13 th October 2017	DIT University
Well Integrity Requirements for Suspension, Temporary & Permanent Abandonment	Dr. Nitesh Kumar, HOD, DPES, DITU	13 th October 2017	DIT University
Loss of Well Integrity leads to Well Control Problems	Mr. Sanjeev Singhal or his designated official	13 th October 2017	DIT University





DEPARTMENT OF PETROLEUM & ENERGY STUDIES
CORDIALLY INVITES YOU TO THE INAUGURAL FUNCTION
FOR TWO DAYS WORKSHOP
ON
“WELL INTEGRITY IN INDIAN CONTEXT”
ON 12TH OCTOBER 2017 AT 10:00 AM
AT VEDANTA AUDITORIUM, DIT UNIVERSITY

CHIEF GUEST
SHRI VINAY KUMAR GUPTA
HEAD, INSTITUTE OF DRILLING TECHNOLOGY (IDT)
ONGC DEHRADUN

In Association With:








RSVP:
DEPARTMENT OF PETROLEUM & ENERGY STUDIES
DIT UNIVERSITY, DEHRADUN-248009



WORKSHOP ON “WELL INTEGRITY IS CRITICAL FOR SAFE AND ECONOMIC ENERGY PRODUCTION”

Date of event:

8th Jan 2018

No. of Participants:

25

Brief text with introduction, objectives, event details, content and outcome.

Dr. Kris Ravi, Visiting Professor, University of Leoben, Austria, delivered a lecture on “Well Integrity is Critical for Safe and Economic Energy Production” at DITU.

Dr. Ravi, spoke on well integrity Mechanisms & field optimization. He basically summed up all the presentations made by bringing forth the well integrity mechanism for each method discussed in the lecture. He said that the goal of any enhanced oil recovery process is to mobilize "remaining" oil. This is achieved by enhancing the microscopic and macroscopic displacement efficiencies. He said that microscopic displacement efficiencies are governed at the pore level and in the end they are related to the residual oil saturation. He said, capillary action, surface tension, IFT and relative permeability are the topics involved with microscopic displacement efficiency.

Resource Person:

Dr. Kris Ravi,
Visiting Professor,
University of Leoben,
Austria,



Date of event:
14th to 16th May 2018

**Resource
Person:**
Mr. Amarpreet Singh
from RCPL

WORKSHOP ON GOOGLE SKETCH UP FOR FACULTY OF ARCHITECTURE & DESIGN

Workshop on Google Sketch Up for Architecture Department was conducted from 14th -16th May, 2018. Google Sketch Up is one of the most widely used 3D modeling computer software designed for architects, interior designer, mechanical, and civil engineers, as well as graphics artists for film and video game design. It is an ideal software for both students and professionals, who are interested in 3D modeling. Mr. Amarpreet Singh from RCPL, conducted the workshop.

In this course, the Faculty members learned how to use Sketch Up to model interior spaces, study scale and proportion, elevations, and sections. They also looked at how to combine Sketch Up with other softwares and use the rendering tools. The objective was to understand that it a 3D modeling software in which one can create 3D models of house, car or any structure. This software is useful for engineers and

architects. Mr. Amarpreet mentioned that this course is useful to the aspiring engineers and architects, hence the inclusion was made so that the faculty members can help the students in return. It is also useful to the professionals who want to upgrade their knowledge. The trainers ensured that the theory and practical sessions go alternatively and effectively. In this manner, every concept gets simplified and is explained with adequate details in our course.



The speaker also discussed how Google Sketch Up helps in:

- Create Accurate, Highly-Detailed Models
- Produce Scaled, Accurate Drawings
- Generate Presentation Documents
- Create Compelling Walkthroughs

The workshop was truly amazing and worth attending as it presented a broader perspective and presented the faculty members with a new set of topics to enhance their as well as the knowledge of the students. In total it was attended by a total of 7 participants from the department and was much appreciated by all.

TRAINING ON 3D MAX FOR FACULTY OF ARCHITECTURE & DESIGN

3D Max training for the Faculty of Architecture and Design Department was conducted on 21st May, 2018 by Mr. Hriday Ram Verma of RCPL. 3D Max, a product from Autodesk, is widely used as a modeling, animation, and rendering software. It is a preferred choice of design professionals for driving solutions for games, films, and motion graphics. The powerful capabilities of this design tool enable the users to come up with better 3D content in less time.

The trainer mentioned that 3D Max training course is a course which is designed both for the beginners as well as the professionals who are looking to explore 3D modeling. The course walked the participants through step-by-step stages of project development by starting right from the software interface.

Mr Hriday Ram also mentioned about the benefits of the 3D MAX course which are:

- It supports a huge number of tools that are easily available for modeling.
- It is user-friendly in modeling and complex animation.
- It supports powerful and multiple tools for animation.
- It supports the Material Editor that allows the user to create and edit materials and maps in their scenes.

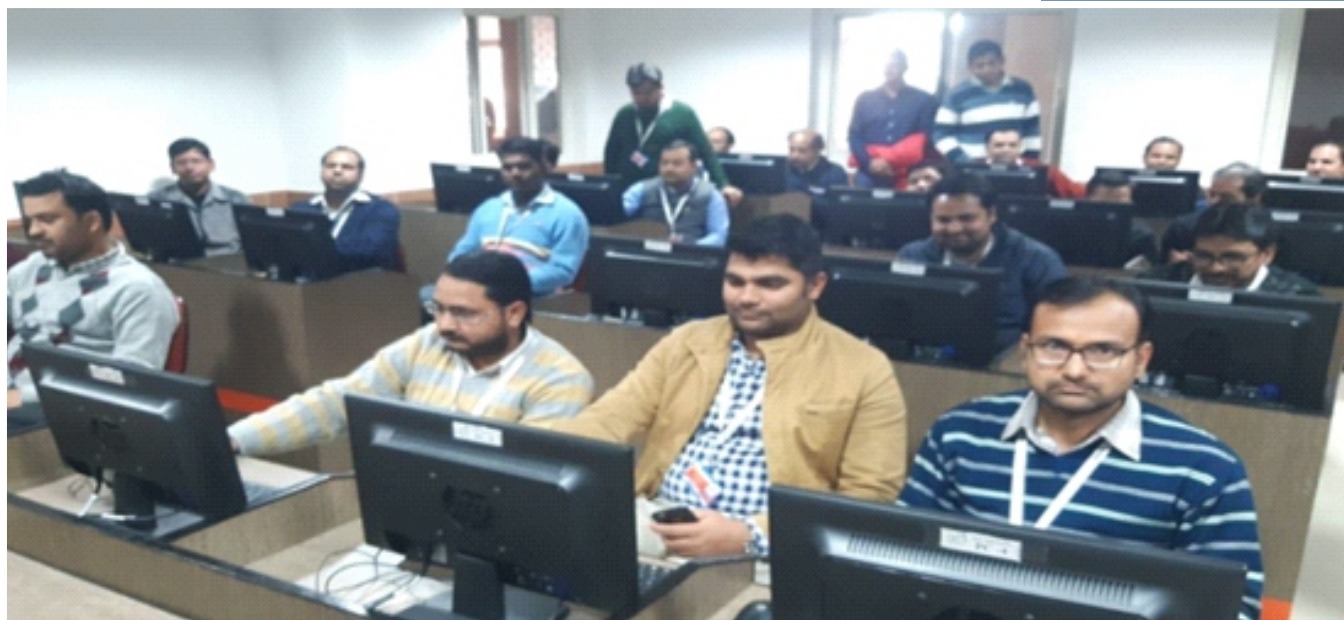
The training was conducted with complete fervor and was enthusiastically attended by 11 members of the department.

Date of event:

21st May 2018

**Resource
Person:**

Mr. Hriday Ram Verma
of RCPL



Session on 3D Max: 21st May, 2018

Date of event:
22nd May 2018

Resource Person:
Mr. Amarpreet Singh
of RCPL

WORKSHOP ON STAAD PRO FOR CIVIL ENGINEERING DEPARTMENT

Workshop on STAAD PRO was conducted on 22nd May 2018 by Department of Civil Engineering to provide their faculty members an insight into the module. The also took it as an opportunity to learn STAAD Pro software as STAAD Pro is one of the most widely-used softwares for developing and analyzing the designs of various structures, such as petrochemical plants, tunnels, bridges etc.

The workshop was conducted in association with RCPL, and Mr. Amarpreet Singh from their team took the session for our faculty members. He mentioned that STAAD Pro is an analysis and design software package for structural engineering, used in performing the analysis and design of a wide variety of types of structures. This implies that it addresses all aspects of structural engineering including model development, verification, analysis, design and review of results. It includes advanced dynamic analysis and push over analysis for wind load and earthquake load.

STAAD Pro v8i, the latest version, and it allows civil engineering individuals to analyze structural designs in terms of factors like force, load, displacements etc. In order to help the students the faculty too should be equally aware of the same and that was the sole purpose of conducting the entire workshop. The workshop has covered followings-

- Covered all the basics of Structure Analysis, designing & Software tools.
- PowerPoint Presentation, Live Demos, Interactive Question & Answer sessions and comprehensive reading material were distributed.



STAAD PRO Session on 22nd May 2018

WORKSHOP ON ARM MBED

Date of event:

23rd May 2018

Resource
Person:

Mr. Hriday Ram Verma
of RCPL



ARM MBED Session on 23rd May, 2018

The department of ECE leaves no stone unturned to upgrade the knowledge of its faculty members. To follow the same, they hosted a workshop on ARM MBED on 23rd May, 2018 for as near to 16 members of the department. The workshop took place for approximately 5 hours including some breaks. In the same the material for the training was also provided. The workshop was hosted in association with RCPL, Kanpur. Mr. Hriday Ram Verma, trainer at RCPL, was the moderator of the entire workshop.

The agenda of the workshop was to create building blocks of the embedded systems, learn the working of ARM processors and study its evaluation process, identify memory map, memory interface and IO interface, and interpret performance characteristics of ARM. The speaker ensured to talk about all the processes and segments related to the ARM, and also to make the faculty members understand the relevance. He also mentioned that a full-fledged course for a student would entail the following topics: Digital input and output, Analog input and output, Pulse width modulation, Modular design and programming, parallel data and communication, Serial communication with I2C, Serial communication with SPI, Timers and interrupts, Memory and data management.

The workshop was conducted in order to:

- Provide the faculty members an insight into ARM microcontrollers and applications.
- Cover the rudimentary as well as the advance concepts of the domain.
- Provide exposure to the attendees on latest syllabus and technologies.

Date of event:
18th June 2018

**Resource
Person:**
Mr Alok Mishra
of RCPL

Objective

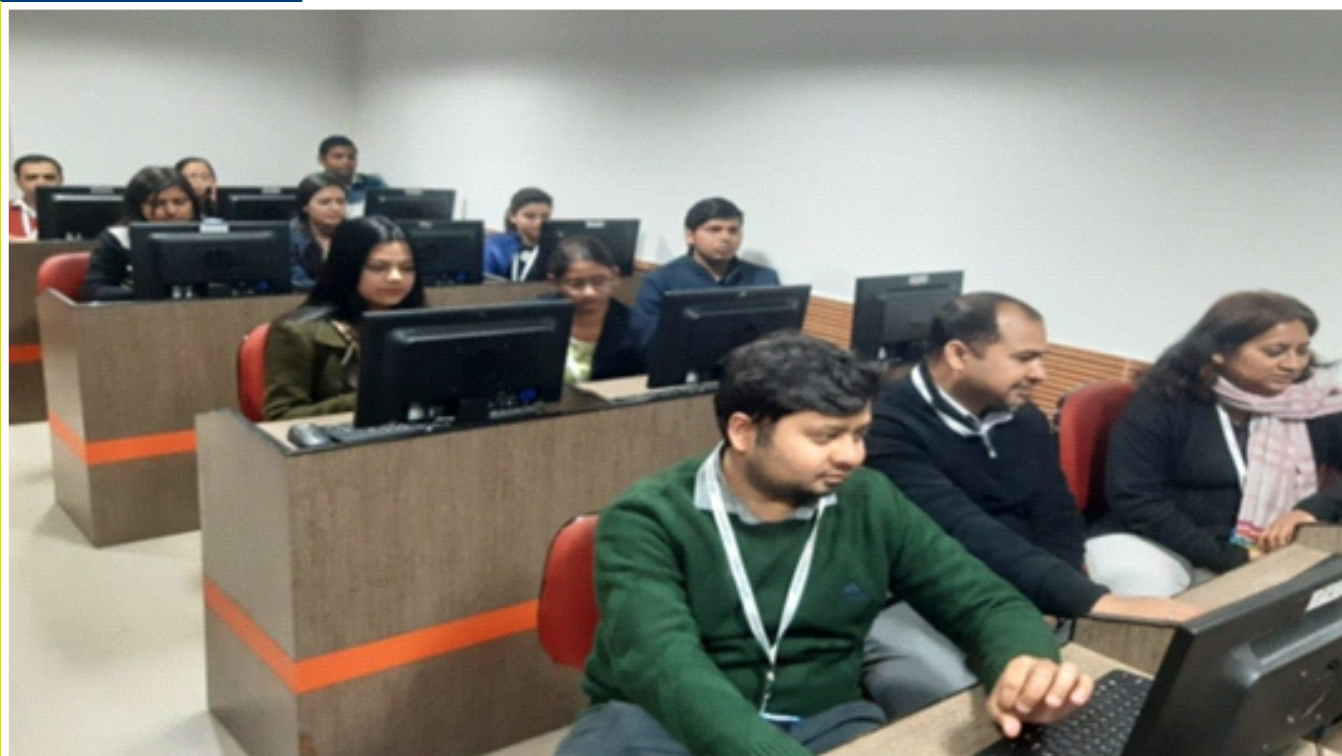
Outcomes

WORKSHOP ON PYTHON BY SCHOOL OF COMPUTING

A workshop on Python was organized by the School of computing of DIT University. It was hosted on the 18 of June, 2018 for which RPCL - Mr Alok Mishra was the chief speaker. This was attended by a total of 13 participants who were energized to gain new skills through the means of the workshop.

Python is a multi-paradigm programming language that has primarily been developed as a more concise, straightforward, and easy-to-understand alternative to other major languages such as C, Java and Perl. Therefore, with an aim of implementing these techniques, the workshop was organized, for which the following were the set objectives and outcomes:

1. To introduce to Python and to discuss how a python program runs.
 2. Understand the basics of class coding.
 3. Introduction to modules and functions of python.
-
1. Provided a hands-on exposure to beginner to high level.
 2. Problem solving and programming capability enhanced.



Session on Python: 18th June 2018

WORKSHOP ON MATLAB FOR ELECTRONICS

The EECE department of DIT University conducted a workshop on MATLAB MLT-I on 27-Jun-18. The key speaker for the workshop was RCPL - Mr Kuldeep Singh Gussain, wherein a total of 19 participants contributed with their utter zeal to learn.

The following were the set objectives and outcomes of MATLAB Workshop:

Date of event:

27th June 2018

Resource

Person:

Kuldeep Singh Gussain
of RCPL

MATLAB Training on 27-Jun-18



1. Learning functions and a toolbox of formats.
2. Use of MATLAB matrices to store data.
3. Creating and writing syntax for the program.

Objective

1. Aligning the syntaxes to create proper programs.
2. Learning the effective use of matrices.

Outcomes

Date of event:
28th June 2018

**Resource
Person:**
Mr Alok Mishra
of RCPL

Objective

Outcomes

TRAINING SESSION ON CREO FOR MECHANICAL ENGINEERING DEPARTMENT

Training on CREO for ME Department of DIT University was conducted on 28-Jun-18 which was delivered by the speaker RPCL - Mr Alok Mishra. Being an interactive session, it was attended by 8 faculty members. Department of Mechanical Engineering provided an opportunity to their faculty to learn CREO. PRO E (CREO) is CAD/CAM software developed by PTC, Parametric Technology Corporation. Pro-e covers the sketching, modelling, assembly, drafting sheet metal and the surface environments of pro-E wildfire. The following are the set objectives and outcomes of CREO Training:

1. CREO Training makes one more productive than before.
 2. It is packed with number of new enhancements and capabilities to help you design the products of the future.
 3. CREO Parametric is the new user interface.
-
1. It allows one to access the commands easily.
 2. It allows one to work with a model, define the geometry they want to do and streamlines the design process for the same.



CREO for Mechanical Engineering Department on 28-Jun-18

TRAINING SESSION ON REVIT FOR FACULTY OF ARCHITECTURE & DESIGN

X The Faculty of Architecture and Design of DIT University organized a training session for their faculty members on the 29th of June' 2018, which was attended by a total of 9 participants. The key speaker for the session was RPCL- Mr Hriday Ram Verma. The course was structured in easy to follow modules starting from basic concepts to more intermediate applications. It was taught using Autodesk Revit Architecture version of the software. The course aimed towards enabling construction professionals get ahead in the learning curve of Building Information Modelling. A system that is currently gripping the industry, of which there is demand for competent professionals. Following are its objectives and outcomes-

Date of event:

29th June 2018

No. of Participants:

82

**Resource
Person:**

Mr. Hriday Ram Verma
of RCPL

Objective

1. The primary objective of this course is to teach faculties the concepts of Building Information Modelling
2. Introduce the tools for parametric building design and documentation using Revit Architecture.
3. To cover the basics of Revit Architecture, from schematic design through construction documentation.

Outcomes

1. Faculties got introduced to the concepts of Building Information Modelling and the tools for parametric building design and documentation.



Date of event:
25th May 2018

No. of Participants:
11

**Resource
Person:**
TERI's GRIHA
training team

SVGRIHA TRAINING PROGRAM FOR ARCHITECTS BY GRIHA COUNCIL

Timings – 10:00 a.m. to 12:00 p.m.

Venue – Visvesvaraya 102

TERI's GRIHA training team trained professional architects of Dehradun, few faculty members and students of the department on SVAGRIHA benchmarking system developed by Adarsh team at GRIHA for small scale residential projects. They also provided a license to use SVAGRIHA tool for accreditation for 6 months to all trainees. The program was attended by 11 participants, for which the key speakers were Akash Deep and Apeksha Patil.



FACULTY DEVELOPMENT PROGRAM ON GREEN BUILDING TECHNIQUES

Date of event:
6th to 7th March 2018

No. of Participants:
10

Resource Person:
Mr. AkashDeep,
Manager,
GRIHA Council

Apeksha Patil,
Senior Project Officer,
GRIHA Council



As part of your academic workshop of Faculty of Architecture, DIT University, it is our pleasure to invite you to a session on "Green Building Techniques by GRIHA".



ORIENTATION FOR FACULTY AND STUDENTS ON QUALITY

Date of event:
16th August 2017

No. of Participants:
20

**Resource
Person:**
Mr. Pravesh Gailakoti

FACULTY DEVELOPMENT PROGRAM ON CAREER OPPORTUNITIES IN BUSINESS ANALYTICS INDUSTRY

Report

The event was organized with the motive to educate the faculty members about the emerging fields in management and the various career opportunities that it offers. The event was focused on the Business Analytics Industry. Industry expert Mr. Pravesh Gailakoti, Sr. Business Analyst, DD Infosoft, was the guest speaker of the lecture. Mr. Pravesh was very resourceful in enlightening the participants about the emerging field of Business Analytics, the scope of young research/analytics enthusiasts in the field with regards to the various career and growth opportunities. The session covered the emerging trends in the field and was an eye opener for the students to explore possible employment opportunities.



FACULTY DEVELOPMENT PROGRAM ON “SITE – SPECIFIC RADIO PROPAGATION FOR ANALYSIS AND DESIGN OF WIRELESS SYSTEMS”

Report

Event Report: One day Workshop on “Site – Specific Radio Propagation for analysis and design of wireless systems” organized by EECE Department on 23.11.2017 for faculty members. Total 15 faculty members participated in the workshop.

Date of event:
1st October 2017

No. of Participants:
15

**Resource
Person:**
Dr. Sonika Singh



Date of event:
19th February 2018

No. of Participants:
56

**Resource
Person:**
Mr. R K Thakur,
ONGC

FACULTY DEVELOPMENT PROGRAM ON “GEOLOGICAL & GEOPHYSICAL OPERATIONS”

Brief text with introduction, objectives, event details, content and outcome:

Department of Petroleum & Energy Studies conducted a guest lecture on 19th February, 2018 in the civil block. Mr. R K Thakur, ONGC, was invited to speak on different surveying techniques. Mr. Thakur spoke about geological & geophysical operations. He shared his experiences of working in ONGC in tough situations.



WORKSHOP ON CCNA FOR MECHANICAL ENGINEERING DEPARTMENT

A workshop on CCNA for Mechanical Engineering Department was conducted on 7th May 18. The workshop was conducted by Mr. Mohit Nagpal, faculty of Mechanical Engineering, and was designed to impart knowledge about detailed knowledge of Computer Networks, various protocols used in Communication, Managing and configuring Cisco Switches and Routers and various WAN technologies.

As organizations transition and move to adapt to controller based architectures, the job of network engineer becomes more vital than ever. CCNA Routing and Switching certification will not only prepare you with the knowledge of basic networking but it will build you with core technical networking concepts so that one stays relevant with skill set needed to Install, Configure, Manage, Maintain and troubleshoot computer networks.

The major objective behind keeping the workshop was to ensure that our faculty members are also keeping pace with that of technology. The entire perspective was also to make the faculty member acquaint with the entire process of getting certified, which in turn would be delivered to the students as it is equally important for them too. CCNA is creating a great impact on the overall professional growth trajectory.

A total of 10 faculty members took an active part in the workshop.

Date of event:

7th May 2018

No. of Participants:

10

**Resource
Person:**

Mr. Mohit Nagpal

While planning the workshop the followings benefits were kept in mind:

- Enhanced Learning Curve
- Recognition
- Boost in Career
- A Mediating Step
- Less-Extensive Outline
- Global Acceptance



Date of event:
10th May 2018

No. of Participants:
12

Resource Person:
Mr Saral Aggarwal
for the Art of Living

TRAINING ON YOGA, HEALTH MANAGEMENT & HYGINE

To keep the staff and faculty healthy and active a Yoga Health Management & Hygiene session was conducted by Mr Saral Aggarwal for the Art of Living on the 10th of May'2018. The session started with the chanting of 'Pranay Mantra OM'. Further it followed other Yoga and asanas which included SookshmaVyayam, Vajrasana, Tadasana, Vrikshashana, Surya Namaskar, NadiShodhan Pranayama and Bhramaree Pranayama. Mr. Aggrawal demonstrated various yoga postures and explained the correct way of doing the asanas to the participants.

A total of 12 members participated in the session. The session lasted for approximately 40-45 minutes and the members present in the session expressed their experiences and stated that they were feeling relaxed, refreshed and calm after the session. A Yoga practitioner was invited to demonstrate various Yoga postures and explain correct way of doing asanas.



TRAINING ON 3D MODEL FOR FACULTY OF ARCHITECTURE & DESIGN

Date of event:
10th to 11th May 2018

No. of Participants:
8

Resource Person:
Ar. Paras Malik



3D Modelling software, a course which is widely preferred by construction owners, inspectors, architects, engineers and subcontractors for a glitch free precision enriched work output. The course is designed for individuals who wish to learn the 3D modeling for building design applications. To help the faculty members with the same, Ar. Paras Malik, conducted a training on the same from 10th to 11th of May, 2018 with a total of 8 faculty members.

Ar. Paras Malik emphasized on the benefits which are:

- ⊙ Avoid costly mistakes
- ⊙ Work more efficiently and increase designer productivity
- ⊙ A streamlined design cycle
- ⊙ It can help win quotes and keep clients happy
- ⊙ Visualize the end product.

He explained how in the days before computers, designing a product would involve views on paper (top, side front, orthographic, etc.) and then maybe building a physical scale model of it by hand. Now, 3D software is used to design virtual models faster, and with greater precision. They are shareable and easily editable. Models can be viewed from any angle, not just a few chosen ones. It's easy to visualize how various parts fit together, and check where conflicts may occur. 3D models represent physical geometry, so machine tools and automated robotic assemblers can be used to manufacture products by reading the 3D data files.

The training was concluded with a brief thank you note and the training witnessed a complete support and participation from the faculty members.



DIT University

Mussoorie Diversion Road, Dehradun,
Uttarakhand-248009