



Institute of Electrical and Electronics Engineers, Inc.
Hyderabad Section

IEEE Standards Association
in collaboration with
ECE Dept., Muffakham Jah College of Engineering & Technology

**Inauguration of Verification and Validation Lab for
Internet of Things (IoT)**

21st February 2019

Venue: Muffakham Jah College of Engineering & Technology, Banjara Hills, Hyderabad.

Inaugural Schedule

Pre Session	
10.30 to 10.40	Overview of IEEE Standards Development process by Mr. Sri Chandra, Director, IEEE Standards Association, India
10.40 to 10.50	Insight to P 1451.99 project: and its context for Smart cities/Industry 4.0. by Mr. GopalakrishnaKuppa
10.50 to 11.00	Overview of the demo planned for IEEE ICPS 2019 conference @Taipei by Mr. Maruthi Rao and Mr. V. Venkatramana
11.00 to 11.15	Tea Break
11.15 to 12.00	Technical Lecture by Mr. SrinivasaMoorthy on "Security Aspects in IoT"
Main Session	
12.00 to 12.05	Welcome address by Dr. Mohammed Arifuddin Sohel, Head, ECED, MJCET
12.05 to 12.10	Address by Dr. Basheer Ahmed, Advisor Cum Director, MJCET
12.10 to 12.15	Address by Mr. GopalakrishnaKuppa, Chair, India Working Group on IEEE Standardization for IoT 1451 Standard
12.15 to 12.20	Address by Mr. N. Venkatesh, Chair, IEEE Hyderabad Section
12.20 to 12.25	Address by Guest of Honour, Mr. SriChandra, Chair, IEEE Standards Association, Bangalore
12.25 to 12.35	Address by Chief Guest Mr. SrinivasMoorthy, Group CTO, Precision Infomatics, Chennai
12.35 to 12.45	Address by JanabZafarJaveed, Hon. Secretary, SUES
12.45 to 12.50	Vote of Thanks
12.50 to 1.00	Visit to lab
1.00 to 1.45	Lunch and departure of dignitaries to IIIT Hyderabad

RSVP to arif.sohel@ieee.org

List of Participants

Name of the Course: **MACHINE HEALTH MONITORING AND EVALUATION USING IoT**

Dates: From: __25-03-2019__ to __29-03-2019__

Venue: _ME(PES) Computer LAB Block-5 Muffakham Jah College of Engineering & Technology Hyderabad Telangana

Sr.No.	Name of the Participant	Name of the Institute	Male/ Female	Mobile No.	SC/ST/OBC/General
1	K. MAHAMMAD RAFI	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	9030732881	OBC
2	AJAZ FATIMA	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	FEMALE	9866278762	GENRAL
3	G. RAVI KIRAN	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	7207877352	GENRAL
4	MOHAMMED JAFFAR	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	9985291924	GENRAL
5	ARSHAD MOHAMMED	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	9985089678	OBC
6	MD IMRAN	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	9885770262	GENRAL
7	MOHAMMED UMAIR QUADRI	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	9030143272	GENRAL
8	Dr. SAJID MOHAMMED	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	8106865914	GENRAL
9	Dr. MOHAMMED HASEEB KHAN	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	9849376285	GENRAL
10	Dr. MAHABOOB SHAIK	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	8106134668	GENRAL
11	J E MURALIDHAR	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	9866277830	GENRAL
12	Mrs. FABIA AKBAR	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	FEMALE	9989350002	GENRAL
13	K.SASIDHAR	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	8978668154	GENRAL
14	Mrs.BIBI MARIYAM	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	FEMALE	9908196946	OBC
15	Mrs.NAUSHEEN BANO	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	FEMALE	9885461180	GENRAL
16	Mrs.MAHMOODA MUBEEN	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	FEMALE	9849759426	GENRAL
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19	Dr.ARSHIA AZAM	Maulana Azad National Urdu University, Hyderabad Telangana	FEMALE	9849376285	GENRAL
20	Mrs.SHAZIYA SULTANA	Deccan College of Engineering and Technology, Hyderabad Telangana	FEMALE	8919211483	GENRAL
21	Dr D VIJAY KUMAR	Aditya Institute of Technology and Management Srikakulam Andhra Pradesh	MALE	9160701052	OBC
22	K KUSHAL KUMAR	Vignan Institute of Engineering for Women Vizag Andhra Pradesh	MALE	9866944052	SC
23	KARTAR SINGH	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	9398763214	GENRAL
24	MD. ANSAR PASHA	Muffakham Jah College of Engineering & Technology Hyderabad Telangana	MALE	7729941317	GENRAL

Total No. of Male participants =	16
Total No of Female Participants=	8
Total No. of SC Candidates=	1
Total No. of ST Candidates=	0
Total No. of OBC Candidates=	4
Total No. of General Category Candidates=	19

Machine Health Monitoring and Evaluation using IOT
in collaboration with NITTTR, Chandigarh
from
25th March to 29th March 2019
Venue: M.E (PES) Computer Lab, Block-5
Hosted by: Electrical Engineering Department
MUEENIYAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY



This is to inform you that the Electrical Engineering Department of this institute has conducted an **ICT based** short-term training programme for the faculty titled **“Machine Health Monitoring and Evaluation using IoT”** during **25-29, March 2019** at M.E Computer Lab in co-ordination with NITTTR, Chandigarh and acted as **nodal centre**. As is evident from the title, this course fall into the thrust areas and will be highly beneficial for your faculty members. A total of 24 Faculty Members of Electrical Engineering, Instrumentation Engineering has attend this programme.

Machine health monitoring is the process of monitoring the condition of electric machines with the intent to predict its health. Vibration, noise, temperature etc. are the key parameters used. The information such acquired from the machine can be used as early warning signs to sop unscheduled outages, reduce repair time and maintenance costs and thus optimise machine performance. This is a very important area in which different latest techniques such as soft computing, advanced signal processing, IoT etc. have been used. Latest powerful software are also employed. Hence this programme was arranged in association with eminent researchers, professors and industry personnel.

The programme hasencompass coverage around the following themes:

- (i) Introduction to preventive maintenance and health monitoring in electrical machines
- (ii) Role of IoT in condition monitoring
- (iii) Control and monitoring of motor parameters using Arduino and IoT
- (iv) Signal Processing of non-stationery signals
- (v) Soft computing for preventive maintenance
- (vi) ANSYS/COMSOL MULTIPHYSICS Software

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85	E. Sri Kanth Reddy	SSU, Bhopal	Kavayitri	9052531185	800				AT
86	D. Anji Reddy	SSU, Bhopal	"	9618880999	800				AT
87	N. Chandramouli	SSU, Bhopal	"	9844744444	800				AT
88	MD. Raj Mohmd	JNTU rs	Hyd	9948537071	500				AT

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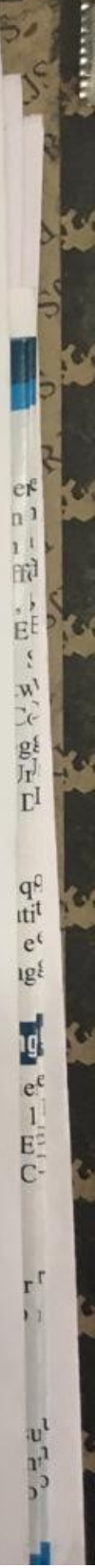
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83	Dr. S. Saisabiyana	NCE			1000	paid		Ve	(M)
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85	E. Sri Kanth Reddy	SSU, Bhopal	Kavayitri	9052531185	800				(M)
86	D. Anji Reddy	JNTU	"	9618880999	800				(M)
87	N. Chandramouli	SSU, Bhopal	"	9844744520	800				(M)
88	MD. Raj Mohmd	JNTU	Hyd	9948537071	500				(M)

Total = 87 Registered

Not paid = 8 mems.

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- Dr. Syed Mohiuddin, Assoc. Professor, CSED, MICET
- Mr. Ahmed, Asst. Professor, CSED, MICET
- Mr. Mohd Nazeer, Asst. Professor, CSED, MICET
- Mr. Mohd Sharfuddin, Asst. Professor, CSED, MICET
- Mr. Md. Zahiruddin Naveed, Asst. Professor, CSED, MICET
- Mr. Md. Shahbaz Hussain, Asst. Professor, CSED, MICET

ONE WEEK FACULTY DEVELOPMENT PROGRAM ON

DATA SCIENCE TECHNOLOGIES & NEXT GENERATION ARTIFICIAL INTELLIGENCE

(03-01-2019 to 08-01-2019)


Organized by :

Computer Science & Engineering Department

In Collaboration with CSI, Hyderabad.

Next Generation Artificial Intelligence

Data Science




MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to O.U.)
 Road No.3, Banjara Hills, Hyderabad-500034
 Website: www.mjcollege.ac.in



MUHAMMAD JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Osmania University and Approved by A.I.C.T.E.)
(Established by Sultan-ul-Uloom Education Society in 1980)
Hyderabad-500034 (T.S.)



Participation Certificate

Amir
Copy

This is to certify that Mr./Ms. _____ has attended One-Week Faculty Development Program on "Data Science Technologies & Next Generation Artificial Intelligence" organised by Computer Society of & Engineering Department in collaboration with Computer Society of India (CSI), Hyderabad from 03-08, January-2019 at MJCET, Hyderabad.

[Signature]

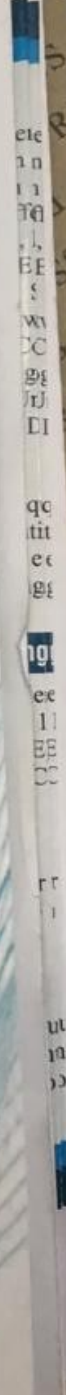
Dr. A. A. Meiz Qyser
Professor & Head, CSED

Dr. Basheer Ahmed
Advisor Cum Director

Mr. K Mohan Raidu
Chairman, CSI, Tech Council

[Signature]

Mohammed Mahmood Ali
Coordinator



MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

FACULTY DEVELOPMENT PROGRAMME (FDP)

“DATA SCIENCE TECHNOLOGIES AND NEXT GENERATION ARTIFICIAL INTELLIGENCE (DSAI)-2019”

03-01-2019 to 08-01-2019

ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SCHEDULE OF THE FACULTY DEVELOPMENT PROGRAMME ON DSAI-2019

DAY & TIME	SESSION-1		SESSION-2		SESSION-3		SESSION-4	
	9:30 AM-11:00 AM	10:00 AM To 11:30 AM	11:10 AM - 12:40 PM	11:45 AM to 12:40 PM	01:30 PM-02:50 PM	02:50 PM - 03:00 PM	03:00 PM - 04:30 PM	
DAY 1 THURSDAY 3 rd January 2019.	Registration	Keynote Lecture (TECH MAHINDRA)	INAUGURAL	12:40 PM	Data Preparation (TECH MAHINDRA)	TEA BREAK (02:50 PM - 03:00 PM)	Data Integration (TECH MAHINDRA)	
	Cutting Edge Technologies on Data Science	DATA SCIENTIST DEVELOPMENT BANK OF SINGAPORE (DBS)						Hands-on Session on Using Scikit-Learn (DELOITTE)
DAY 2 FRIDAY 4 th January 2019.	Banking Case study in Data Science	Data Scientist DEVELOPMENT BANK OF SINGAPORE (DBS)	Demystifying Machine Learning (DELOITTE)	Topic: Data Modelling and Understanding Datasets (DELOITTE)	Hands-on Session on Using Scikit-Learn (DELOITTE)	LUNCH (12:40 PM - 01:20 PM)	Data Modeling and Prediction Using Azure Machine Learning Tool and Fire Base ML Kit (DELOITTE)	
	Introduction and Familiarity with “Tensor Flow”	LERA Technologies						Instructor Led Hands on Tensor Flow with examples use cases Yash Technologies
DAY 3 SATURDAY 5 th January 2019.	Introduction and Familiarity with “Keras”	LERA Technologies	Yash Technologies	Disruptive Technologies in “DSAI”	Valedictory	TEA BREAK (11:00 AM - 11:10 AM)	Hands on Session on Using “Tensor Flow”	
	Introduction and Familiarity with “Keras”	LERA Technologies						Instructor Led Hands on Keras with examples use cases Yash Technologies
DAY 4 SUNDAY 6 th January 2019.	Introduction and Familiarity with “Keras”	LERA Technologies	Yash Technologies	Disruptive Technologies in “DSAI”	Valedictory	TEA BREAK (11:00 AM - 11:10 AM)	Hands on Session on Using “Tensor Flow”	
	Introduction and Familiarity with “Keras”	LERA Technologies						Instructor Led Hands on Keras with examples use cases Yash Technologies
DAY 5 MONDAY 7 th January 2019.	Introduction and Familiarity with “Keras”	LERA Technologies	Yash Technologies	Disruptive Technologies in “DSAI”	Valedictory	TEA BREAK (11:00 AM - 11:10 AM)	Hands on Session on Using “Tensor Flow”	
	Introduction and Familiarity with “Keras”	LERA Technologies						Instructor Led Hands on Keras with examples use cases Yash Technologies
DAY 6 TUESDAY 8 th January 2019.	Introduction and Familiarity with “Keras”	LERA Technologies	Yash Technologies	Disruptive Technologies in “DSAI”	Valedictory	TEA BREAK (11:00 AM - 11:10 AM)	Hands on Session on Using “Tensor Flow”	
	Introduction and Familiarity with “Keras”	LERA Technologies						Instructor Led Hands on Keras with examples use cases Yash Technologies

10/1



**Joint Chapter of IEEE Computational Intelligence, Geoscience & Remote Sensing Societies
IEEE Hyderabad Section**

Presents

6-Day Summer School 2018 on

Computational Intelligence: Theory, Implementation & Applications

22-27 November 2018

Venue: Muffakham Jah College of Engineering & Technology, Hyderabad

CHAIRS



Atul Negi, Program Chair, IEEE CIS Summer School 2018



M. Naresh, Program Co-Chair, IEEE CIS Summer School 2018
& Chair, CIS/GRSS Jt. Chapter, IEEE Hyderabad Section

Brochure& Schedule link: <https://drive.google.com/drive/folders/1MwLg3oHqUsciVWfNvXUL8sHhok2Xt3gN?usp=sharing>

The IEEE Computational Intelligence Society Hyderabad Chapter is TWICE identified as the Outstanding CIS Chapter for the year 2013 & 2016. This award is being given for the outstanding contributions to IEEE CIS for the greatest overall contribution and service to its members; the local scientific, professional, governmental, and educational communities; and the IEEE CIS. This recognition served as the motivation for the society to launch IEEE CIS sponsored Summer School in Hyderabad, India.

Recent spurt in adoption of computational intelligence based techniques by Industry giants for commercial use has created a demand to reskill the young professionals. Also, many startups that provide computational intelligence based solutions to customers have sprung up and are on lookout for graduate students who have prior exposure and working knowledge in computational intelligence. This in turn has led to a requirement to provide additional skills to new job aspirants. This summer schools attempts to fulfill the above requirements through a balanced program design incorporating theory, implementation and applications of computational intelligence technologies.

We have put together twenty-one lecture sessions, five hands-on sessions and one posterpresentation, all covering a range of topics and areas of interest related to the Evolutionary Computation and Machine Learning with Computational Intelligence (CI) approaches.

Venue: Muffakham Jah College of Engineering & Technology, Hyderabad (M.J.C.E.T) It is located at Banjara hills in the heart of the city and one of the prime locations in Hyderabad. MJCET was established in the year 1980 by Sultan-Ul-Uloom Education Society (S.U.E.S.). This college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi. As per survey of OUTLOOK and WEEK magazine, MJCET was ranked 62nd and 56th respectively among top 100 Engineering colleges in India. Also, it is ranked as one the top five engineering colleges around Hyderabad. There are many good and budgeted hotels nearby and many tourist locations within 56 km radius. MJCET campus is one the most happening places in Hyderabad with many IEEE student chapter activities. It is covered by lush green gardens almost everywhere.

SUMMARY OF SUMMER SCHOOL

A 6-day IEEE Computational Intelligence Society Summer school was conducted at Muffakham Jah College of Engineering & Technology, Hyderabad, India from 22-27 November 2018 on Computational Intelligence: Theory, Implementations & Applications sponsored by IEEE CIS, GRSS and MJCET. A total of 50 participants from various parts of the country had participated. Amongst them, 15 were outstation participants coming from places like Chattisgarh, Utrakhand, Mumbai, Karnataka, Andra Pradesh etc. The program was widely covered by the press in various local newspapers and dynamic media e.g. Sakshi, Times of India, Namaste Telangana, Andhrajyothi, Eenadu, Deccan Chronicle, Hans-India, Sakshi TV.

This summary is a snapshot of the six-day program in CI consisting of lectures, demonstrations, poster presentation and technology hub local tour visit. In addition to that, two pre events were conducted by CIS volunteers of IEEE Hyderabad Section.

On 22nd November 2018 Inaugural session was addressed by:

- Chief Guest, **Dr. P.N. Suganthan**, Professor, Nanyang Technological University, Singapore
- Guest of Honor **Dr. Sabrina Senatore**, Professor, University of Salerno, Italy
- Welcome address & Introduction to CIS Summer School by **Dr. AtulNegi**, Program Chair
- **Dr. M. Naresh**, Program Co-Chair & Chair, CIS/GRSS Jt. Chapter, IEEE Hyderabad Section
- **Mr. Maruthi Rao**, Chair, IEEE Hyderabad Section
- **Dr. Basheer Ahmed**, Advisor-cum -Director, MJCET
- **Janab Zafar JaveedSahab**, Honorary Secretary, SUES
- Vote of thanks was given by **Mr. P. Laxman Rao**, Program Finance Chair.

The program during the week was hectic, very informative and useful in today's context. All the sessions were highly interactive, lively and interesting and credit goes to all the participants and the speakers. The summer school had 21 presentations that broadly covered the topics specific to Computational Intelligence, Neural Networks, Soft Computing, Fuzzy Logic, Evolutionary Computing, Deep Learning, Gearbox fault tolerance, Machine Learning, Polarimetric SAR Image Analysis, Differential evolution etc.

Eminent Speakers/resource persons across the world were invited during the program.

Some of the eminent resource persons for theory sessions were:

- Dr. P.N. Suganthan, NTU, Singapore
- Dr. J. Sarangapani, Missouri Univ. of Science & Technology, Rolla, USA
- Dr. RistoMiikkulainen, Univ. of Texas, USA
- Dr. Janez Brest, Univ of Maribor, Slovenia
- Dr. M. Pratama, NTU, Singapore
- Dr. Sabrina Senatore, Univ. of Salerno, Italy
- Dr. AnandParey, IIT Indore
- Dr. Akira Hirose, Univ. of Tokyo, Japan
- Dr. Farookh Hussain, Univ. of Technology, Sydney, Australia
- Dr. Avik Bhattacharya, IITB, Mumbai, India
- Dr. Ashish Ghosh, ISI Kolkata, India

- Dr. Alok Singh, Univ. of Hyderabad, India

Hands-on experience in AI, Machine learning, Fuzzy Logic and AI in Health Care were carried out by the following:

- Dr. Tilottama Goswami, Professor, BVRIT, Hyderabad
- Dr. Srija Katta, Vyas Labs, Hyderabad

On fourth day 25.11.2018, a banquet dinner and a cultural program was organized on the theme of Indian cultural. Students performed traditional dance like Bharatanatyam, Kuchipudi and Instruments recital amused the audience. All enjoyed the Indian culture evening.

On last day 27.11.2018, Technology hub local tour was arranged for all participants to get the exposure of real time implementation of artificial intelligence, machine learning and other latest technologies. **T-Hub (Telangana Hub)** is India's largest incubator for startups which is headquartered in Hyderabad, Telangana, India. It is community space for start-ups, investors, incubators and accelerators in India.

The event concluded with a valedictory function. During the function the following addressed the gathering:

- **Dr. Akira Hirose**, University of Tokyo, Japan.
- **Dr. Janez Brest**, University of Maribor, Slovenia
- **Dr. AtulNegi**, Program Chair
- **Dr. M. Naresh**, Program Co-Chair & Chair, CIS/GRSS Jt. Chapter, IEEE Hyderabad Section
- **Dr. Mousmi Ajay Chaurasia**, Professor & Head IT dept, MJCET

Finally certificates of participation were presented to all participants. Day- wise feedback and an overall event feedback were taken by the participants through Moodle services. It has been excellent and were asked to organize more such events in the future. The motive of the program has been successfully achieved and all participants were highly satisfied with the sessions. A raise of 80% membership growth were expected in IEEE CIS and GRSS chapters.

Entire organizing team had put all their efforts to set this milestone. Everyone has set their sights high and made every effort leading to grand success.

Soft copies of all the sessions have been given to all participants through Moodle services and a Whatsapp group has been created for exchange of ideas, work carried out and new developments which will be useful even after leaving the course.

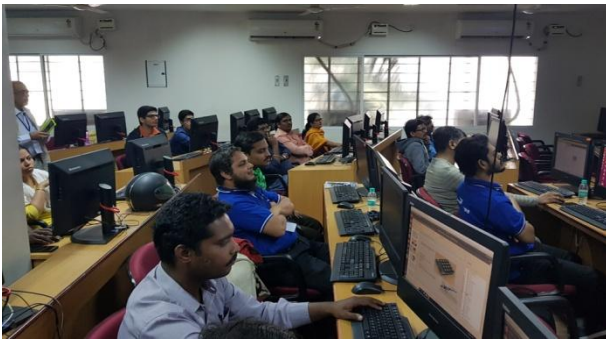
In order to encourage the participation in summer school, following two pre events were conducted by CIS counters, IEEE Hyderabad section.

- Two-Day National Level Workshop on ‘Artificial Intelligence and Machine Learning (AIM 2018)’, conducted by GPREC, IEEE Information Theory Society Student Chapter, Kurnool, 24-25 September 2018
- Two-Day National Level Workshop on ‘Machine Learning using Python’ organized by IEEE Hyderabad section in collaboration with IEEE Anantapur sub-section and Department of CSE at JNTUACE Kalikiri, AP, 6-7 Oct 2018

Some event photos









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to advancing technology for the benefit of humanity



Reminder for Hands on Workshop on Drones and IoT on 3 and 4 October 2018 at MJCET organised by IEEE Standards Association and IEEE ComSoc Hyderabad Section and MJCET.

Day1: 3 October 2018

9.00 AM – 10.00 AM - Registration

10:00 AM - 11:15 AM - IOT Ecosystem by Munir Mohammed

11.15 AM - 11.30 AM – Tea Break

11.30 AM – 12.30 PM - IEEE BLP for Student Branches by Malay Harsha

12.30 PM – 01.00 PM – Energy Harvesting for IoT Applications by Arif Sohel

1.00 PM – 02.00 PM – Lunch Break

2.00 PM – 03.15PM - Edge Intelligence with Quessence – IoT with Artificial Intelligence platform

3.15 PM to 3.30 PM - Tea Break

3.30 PM to 4.30 PM - Application Development flow on Quessence and demonstration.

4.30 PM to 5.00 PM – Preparatory session for Drone control using IoT

Day 2: 4 October 2018

10.00 AM to 12.30 PM - Drone Technologies by Drona Aviation Pvt. Ltd., Mumbai - Definition and Uses of Drones, Aerodynamics: In depth explanation of forces and axes involved in flying of Pluto, Simulation to understand Forces better, Equilibrium: Understanding stable and unstable systems, Sensors: In-depth about accelerometer, Gyro Sensor, Barometer and magnetometer, which are present in Pluto, Motors: How motors work and what is Lorentz's law, Propellers: What type of propeller we are using and it affects flying

12.30 – 1.30 PM - Lunch Break

1.30 PM – 4.30 PM - Programming the Pluto, Introduction to Experience IDE (IDE for programming the Pluto) ,Understanding Pluto API, Using LEDs for debugging, Preparing drone for crash scenarios, Chuck to Arm functionality, Navigating using Code - automate Pluto movements, Accessing sensors for Data and processing it.

4.30 PM – 5.00 PM – Valedictory Session and Certificate Distribution

Few Seats remaining.Registration is strictly online through <https://in.explara.com/e/ieee-iot-drone-workshop>

Regards

Dr. Mohammed Arifuddin Sohel Professor and Head, Department of Electronics and Communication Engineering Muffakham Jah College of Engineering and Technology Banjara Hills, Hyderabad, AP. 500034 Mobile - 9885 407094

Hyderabad Section : <http://www.ieeehyd.org>

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REGISTRATION FORM

Name: _____

Designation: _____

Organization: _____

Department: _____

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Mobile No.: _____

Email: _____

Experience: _____

Research/ Teaching/ Industry: _____

I am enclosing a Demand Draft for Rs
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“or”

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Date: DD / MM / YYYY

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Signature of Applicant

Signature of Head of Institution

Address for Correspondence:

Ms.Manjusha Prasad: 8885771333
Ms. Ch. Krishna Keerthi : 9502241066

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PATRONS

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Chairman, SUES
Mr. Zafar Javeed
Honorary Secretary, SUES
Dr. Basheer Ahmed
Advisor-cum-Director, MJCET

CONVENOR

Prof. A.A. Moiz Qyser, Head, CSED, MJCET
IEEE-MJCET SB ICS Chapter Advisor

COORDINATOR

Prof. Uma N. Dulhare, CSED, MJCET

CO-COORDINATOR

Prof. Shabbeer Ahmed, Assoc. Head, CSED, MJCET
Mrs. Maniza Hijab, Assoc. Professor, CSED, MJCET

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Vice-Chancellor, Osmania University
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Prof. K. Shyamala, Head CSED, UCE, OU
Prof. P. Premchand, UCE, OU
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Dr. K. N. Krishnan, Principal, MJCET
Prof. Ashfaque Jafari, Dean Academics,MJCET
Prof. Syed Ferhathullah Hussainy
Dean Administration, MJCET

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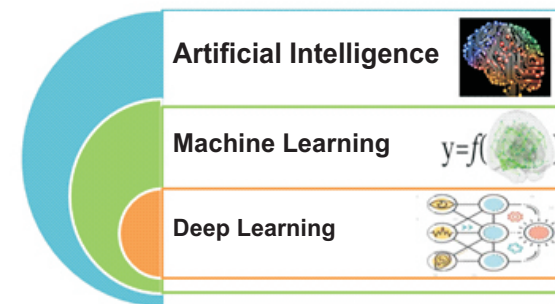
**ONE WEEK
FACULTY DEVELOPMENT PROGRAM
ON**

**BIG DATA
ANALYTICS &
DEEP LEARNING**

(03-01-2018 to 08-01-2018)

Organized by :

**Computer Science & Engineering Department
In Collaboration with CSI, Hyderabad.**



**MUFFAKHAM JAH COLLEGE OF
ENGINEERING AND TECHNOLOGY**

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Road No.3, Banjara Hills, Hyderabad-500034
Website: www.mjcollege.ac.in

MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-UI-Uloom Education Society (SUES). Today, it is a premier institute, offering BE Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and 5 ME Courses (CAD/CAM, Structural Engg., Digital Systems, Computers & Power Electronics) of two years duration. The current intake of all BE Courses is 780, in addition to 102 students in ME Programmes. The college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi.

Computer Science & Engineering

The Department of Computer Science and Engineering was established in the year 1986, the CSE department offers a 4-Year BE (CSE) Degree with an annual intake of 120 and M.Tech (CSE) with an intake of 24.

VISION OF THE INSTITUTION

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

DEPARTMENT VISION

To contribute competent computer science professionals to the global talent pool to meet the constantly evolving societal needs.

DEPARTMENT MISSION

Mentoring students towards a successful professional career in a global environment through quality education and soft skills in order to meet the evolving societal needs.

PREAMBLE

Big Data has become an ubiquitous term to describe large datasets. The main challenge in handling Big Data lies in capturing data, providing a proper representation, managing and analyzing data to extract meaningful information in the given domain in a fast and efficient manner. Effective management and analysis of Big Data would bring great benefits and unique opportunities to the users. Deep learning on the other hand is a fast-growing field of AI concerned with the study and design of computer algorithms for learning good representations of data at multiple levels of abstraction. This is mainly driven by the explosive growth of diverse industrial applications of AI which is leading to the continuous increase in data volume and complexity of large-scale learning systems.

The objective and scope of the workshop is to explore the latest concepts, challenges and future directions in Big Data Analysis and Deep Learning. This program also acts as an opportunity for cross-disciplinary discussion and collaboration. Participants will also be exposed to hands-on lab sessions covering the fundamentals of Big Data Analytics and Deep Learning.

COURSE OUTLINE

- ▶ Overview of Big Data Analytics
- ▶ Image and Text Analytics
- ▶ Overview of Machine learning
- ▶ Deep Learning frameworks
- ▶ Convolution Neural Network
- ▶ Restricted Boltzman Machine
- ▶ Hands-on Python, Tensor Flow & Keras.

For complete schedule visit <http://mjcollege.ac.in/pdf/bdadl2018.pdf>

IMPORTANT DATES

Last Date for registration : 23rd December 2017

Participation confirmation
by E-mail : 27th December 2017

RESOURCE PERSONS

Eminent Speakers from the Corporate World and Academia with domain experience.

REGISTRATION FEE DETAILS

For Faculty Members : Rs.1000/-
Participants from Industry : Rs. 1250/-
CSI Members / PG Students/
Research Scholars : Rs. 800/-

No TA & DA will be paid.
Complimentary Kit and Lunch will be provided.

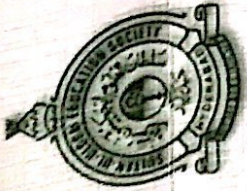
PAYMENT DETAILS

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Account Type : Current
SBI IFSC Code : SBIN0020940

VENUE :
MJCET Seminar Hall, Block-4
Muffakham Jah College of Engg. and Tech.
Road No. 3, Banjara hills, Hyderabad-34.



MUFFAKHAMIAH COLLEGE OF ENGINEERING AND TECHNOLOGY


(Affiliated to Osmania University and Approved by A.I.C.T.E.)
(Established by Sultan-ul-Uloom Education Society in 1980)
Hyderabad-500034 (T.S.)





Sample

PARTICIPATION CERTIFICATE

1 This is to certify that Mr./Ms. RAJ MOHAMMED.
of GITAM SCHOOL OF TECHNOLOGY, HYDERABAD. has attended one week
Faculty Development Program on "Big Data Analytics and Deep Learning" organised
by Computer Science and Engineering Department in collaboration with Computer
Society of India (CSI), Hyderabad from 03 - 08, January-2018 at MJCEI, Hyderabad.


Prof. Uma N. Dulhare
Coordinator


Dr. Basheer Ahmed
Advisor Cum Director


Mr. K. Mohan Raidu
Chairman, CSI, Hyderabad

31/1/18 to 8/1/18

List of Participants for Big Data Analytics & Deep Learning

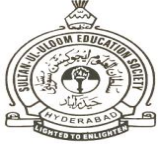
SNO	Name Of the Candidate	Designation	Amount	Mode of Payment	Transaction ID/Reference No	Date	Phone no	Organization	Email ID	Signature
1	G.Mulini Darshan	Research Schol	800	Cash	736514001435	04/01/2018	9849996192	AIU	darshan_gollu@yahoo.com	
2	Dr. Shaik Rajivraii	Asso Prof	1000	Online N.E.F.T	ITP4080616	31/12/2017	9059479139	AIET	rshahkhalil@gmail.com	
3	Mohammed Tajuddin	Research Schol	800	Online N.E.F.T	ITP4080616	12/11/2017	9950064324	B.S. Abdur Rahman Crescent un	mtdaj_syd@gmail.com	
4	Mohd Kriaia Mozuddin	Research Schol	800	Online N.E.F.T	ITP4080934	12/11/2017	9960000692	B.S. Abdur Rahman Crescent un	mzuddint17@gmail.com	
5	Aashish Ladda	Asst.prof	800	Cash		27/12/2017	968511212	BITS	aashishladda@gmail.com	
6	Er Sunil Pegaonkar		800	Cash		04/01/2018	948338701	Consulting engineer	er.sunil.pegaonkar@gmail.com	
7	Zeenath Jahan Begum	Asst.Prof	1000	Cash		12/16/2017	9363598055	DCET	zeenath@deccancollege.ac.in	
8	Bushra Siddiqua	Asst.Prof	1000	Cash		12/16/2017	8374109650	DCET	er.sunil.pegaonkar@gmail.com	
9	Sara Tabassum	Asst.Prof	1000	Cash		12/16/2017	8979856639	DCET	bushrasiddiqua@deccancollege.ac.in	
10	Mohammad Munawer	Asst.Prof	1000	Cash		12/11/2017	9700608700	DCET	afrozsyeda@deccancollege.ac.in	
11	Afrozze	Asst.Prof	1000	Cash		12/19/2017	9160012303	DCET	indimurawati@deccancollege.ac.in	
12	Tejaswi Pujilla	Engineer(CSI)	800	Cash		29/12/2017	9849183186	Deloitte	afrozsyeda@deccancollege.ac.in	
13	Dr.J.Sasi Kiran	Professor	1000	Cash		03/01/2018	9849309293	Farah Inst of Tech	tejpudgille@gmail.com	
14	Arif Mohammad	Asst.Prof	800	Cash		03/01/2018	9985402203	Gilam Campus,Hyd	saskiranjangala@gmail.com	
15	Venkat Reddy,P	Asst.Prof	800	Cash		03/01/2018	8886011689	Gilam Campus,Hyd	arif_software@gmail.com	
16	Raj Mohammad Mohd	Asst.Prof	800	Cash		03/01/2018	9948537071	Gilam Campus,Hyd	pdholavarkeat3@gmail.com	
17	Sowjanya .P	Asst.Prof	800	Cash		03/01/2018	9160509500	Gilam Campus,Hyd	sowjanya.ponnuru@gmail.com	
18	B.Joythi	Asst.Prof	800	Cash		03/01/2018		Gilam Campus,Hyd		
19	T.Jhansi Rani	Asst.Prof	800	Cash		03/01/2018		Gilam Campus,Hyd		
20	P.V.R.N.S.S.V Sai Leela	Asst.Prof	800	Cash		03/01/2018		Gilam Campus,Hyd		
21	Dr.K.suvarchala	Professor	1000	Online IMPS	736114761237	27/12/2017	9440369513	IARE	kslrs11@gmail.com	
22	B. Venkata Ramana	Research Schol	800	Online N.E.F.T	IHG3608970	23/12/2017	8008047775	JNTU	bvramana_banoth@gmail.com	
23	B.Venkata Ramana	Research Schol	800	Cash		23/12/2017	8008047775	JNTU	bvramana_banoth@gmail.com	
24	Anneen Abdullah Qaid Aqlan	Research Schol	800	Online N.E.F.T	IHG2640625	12/15/2017	9052097804	K.U	ameenadlan218@gmail.com	
25	Ethayez ali	research Schol	800	Cash		03/01/2018	8113089898	K.K.U	ethayezali@yaho.com	
26	Thoyezan Sultan Ali Algaradi	Research Schol	800	Online N.E.F.T	IHG3971744	27/12/2017	8688973507	Kakatiya University	yalayezali@yaho.com	
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STANLEY COLLEGE

MUFFAHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
INFORMATION TECHNOLOGY DEPARTMENT



One Week Short-Term Training Program
Data Science Applications and Practices in “R” (13th - 18th December, 2017)

REPORT

A one week Short Term Technical Program (STTP) was conducted by the IT department in collaboration with IEEE-MJCET SB (STB61939) from 13 – 18 Dec 2017 on Data Science Applications and Practices in “R” at MJCET Seminar Hall. A total of 60 participants from various parts of the country had participated. Amongst them, 15 were outstation participants coming from places like Chattisgarh, Nanded, Tirupathi, Guntoor, Nagpur, Bhimavaram. The program was widely covered by the press in various newspapers and dynamic media e.g. Sakshi, Times of India, Namaste Telangana, Andhrajyothi, Eenadu, Telanagana Today, Hans-India, Sakshi TV.

Online live streaming was carried out throughout the program. Link:

<https://www.facebook.com/ieeecismjcet/>

The Coordinator of the STTP was Dr. Mousmi Ajay Chaurasia, Professor & Head, ITD and Co-Coordinator was Dr. Devasish Pal, Professor & Associate Head ITD.

Inaugural session was addressed by:

- Chief Guest, **Dr. P.V.S. Maruthy Rao**, Vice Chairman, IEEE Hyderabad Section
- Guest of Honor **Dr. Anantha Desik**, Product Specialist, Tata Consultancy Services.
- Welcome address & Introduction to STTP by **Dr. Mousmi Ajay Chaurasia**, Prof & Head, ITD, CIS Chapter Advisor, IEEE-MJCET SB
- **Dr. Basheer Ahmed**, Advisor-cum -Director, MJCET
- **Janab Zafar Javeed Sahaab**, Honorary Secretary, SUES
- Vote of thanks was given by **Dr. Devasish Pal**, Prof. & Associate Head, IT dept. STTP Co-Cordinator

The program during the week was hectic, very informative and useful in today’s context. All the sessions were highly interactive, lively and interesting and credit goes to all the participants and the speakers. A total of 60 delegates coming from various parts of the country had participated in the program. Various aspects of Python, R and its applications have been discussed with three days hands – on experience.

Topics covered were:

- Overview of data Classification Methods
- Data Science and Predictive Analysis with applications
- Python and its Applications
- Overview of Logistics Regression Models
- Data Science in Insurance
- Data Science using Python
- Predictive Modelling and Case Studies using R
- Machine Learning using R

Last three days was complete hands – on experience on R and Python held at Computer Innovation Centre on a one-to-one basis.

Eminent Speakers/resource persons during the program were from academic and corporate world.

Some of the eminent resource persons for theory sessions were:

- Dr. Atul Negi, Vice-Chair, Educational Activities, IEEE India Council
- Dr. Anantha Desik, Product Specialist, TCS
- Dr. N V Ganapathi Raju, Professor, IT Dept, GRIET
- Mr. Y. Suresh, DXC, Hyderabad.

Hands-on experience in R and Python Programming were carried out by the following:

- Dr. Mousmi Ajay Chaurasia, Prof. & Head, IT Dept., MJCET
- Mr. M. Balaji Sr. Software Engineer, Cavium Networks
- Mr. Swayam Prakash, IEEE Member, Young Professional Affinity Group
- Ms. Sushrutha Raj, Research Scholar, Amity University, Haryana

The STTP concluded with a valedictory function. During the function the following addressed the gathering:

- **Chief Guest Prof. Neil Gogte**, Director, Keshav Memorial Institute of Technology, Hyderabad emphasized the importance of the R and Python in today's context
- Guest of Honor **Dr. Atul Negi**, Vice-Chair, Educational Activities, IEEE India Council encouraged Dr. Mousmi A. Chaurasia to plan an event at IEEE India Council standard.
- Guest of Honor **Dr. M. Naresh** Chairman IEEE CIS/GRSS Hyderabad Section
- **Dr. Syed Ferhathullah Hussainy**, Dean Administration, MJCET.
- Valedictory speech by **Dr. Devasish Pal**, Professor & Associate Head ITD, Co- Coordinator, STTP

Finally certificates of participation were presented to all participants. Feedback taken after every session has been excellent. The motive of the program has been successfully achieved and all participants were highly satisfied with the sessions. Entire staff IT dept put all their efforts to set this milestone. Everyone has set their sights high and made every effort leading to success.

Soft copies of all the sessions have been given to all participants and a Whatsapp group has been created for exchange of ideas, work carried out and new developments which will be useful even after leaving the course.

INAUGURAL FUNCTION on 13th December 2017

<p style="text-align: center;">KHAIRTABAD EENADU THURSDAY, DECEMBER 14,2017</p>	<p style="text-align: center;">LOCAL SAKSHI THURSDAY, DECEMBER 14,2017</p>
	
<p>KHAIRTABAD ANDHRA JYOTHI THURSDAY, DECEMBER 14,2017</p>	
	

KHAIRTABAD/SANATHNAGAR/
JUBILEE HILLS

NAMASTE TELANGANA
THURSDAY, DECEMBER 14, 2017

లోతైన పరిజ్ఞానంతోనే పోటీ ప్రపంచంలో రాణించగలరు



కార్యక్రమంలో మాట్లాడుతున్న మారుతీరావు

బంజారాహిల్స్, (నమస్తే తెలంగాణ): లోతైన విషయ పరిజ్ఞానం సంపాదించడం ద్వారానే ప్రస్తుతం ఉన్న పోటీ ప్రపంచంలో విద్యార్థులు నిలదొక్కుకుని రాణించే అవకాశం ఉందని ఐకాకాకా వైస్ చైర్మన్ డా. పీవీఎస్. మారుతీరావు అన్నారు. బంజారాహిల్స్ రోడ్ నెంబిలోని ముఖకంజా ఇంజనీరింగ్ కళాశాలలో వారం రోజుల డాటా సైన్స్ అప్లికేషన్స్, ప్రాక్టీసిస్ ఇన్ 'ఆర్' లాంగ్వేజీ అనే అంశం పై 'హార్వర్డు ప్రొఫెసర్' ప్రొఫ్రాం'ను బుధవారం సుల్వాన్ ఉల్ ఉల్మామ్ ఎడ్యుకేషన్ సొసైటీ గౌరవ కార్యదర్శి జాఫర్ జావేద్ తో కలిసి డా. మారుతీరావు ప్రారంభించారు. ఈ సందర్భంగా డా. మారుతీరావు మాట్లాడుతూ, సాఫ్ట్ వేర్ ఇంజనీరింగ్ లో ఎప్పుటికప్పుడు వస్తున్న మార్పులను అందిపుచ్చుకునేందుకు విద్యార్థులు కృషి చేయాలన్నారు. ప్రస్తుతం 'ఆర్' లాంగ్వేజీ ఎంతో కీలకంగా మారినది, స్టాటిస్టిక్స్, డాటా అనలైజ్, తదితర విభాగాల్లో సమస్యలు పరిష్కరించేందుకు వినయోగిస్తున్నారన్నారు. ఈ శిక్షణా కార్యక్రమంలో పలు కళాశాలలకు చెందిన ఇంజనీరింగ్ విద్యార్థులు పాల్గొని తమ అలోచనలను పంచుకున్నారు. ఈ కార్యక్రమంలో ముఖకంజా ఇంజనీరింగ్ కళాశాల డైరెక్టర్ ప్రొ. బి. పీర్ అహ్మద్, ఐటీడీ, సీఐఎస్ హెడ్ మౌసీమ్ అజయ్ చౌరాసీయా, టీసీఎస్ ప్రొక్టర్ స్పృషిష్టు డా. అనంత్ దేవీక్, డా. దేవాశిష్ పాల్ తదితరులు పాల్గొన్నారు.

పు ప్రారంభించారు. ఈ సందర్భంగా డా. మారుతీరావు మాట్లాడుతూ, సాఫ్ట్ వేర్ ఇంజనీరింగ్ లో ఎప్పుటికప్పుడు వస్తున్న మార్పులను అందిపుచ్చుకునేందుకు విద్యార్థులు కృషి చేయాలన్నారు. ప్రస్తుతం 'ఆర్' లాంగ్వేజీ ఎంతో కీలకంగా మారినది, స్టాటిస్టిక్స్, డాటా అనలైజ్, తదితర విభాగాల్లో సమస్యలు పరిష్కరించేందుకు వినయోగిస్తున్నారన్నారు. ఈ శిక్షణా కార్యక్రమంలో పలు కళాశాలలకు చెందిన ఇంజనీరింగ్ విద్యార్థులు పాల్గొని తమ అలోచనలను పంచుకున్నారు. ఈ కార్యక్రమంలో ముఖకంజా ఇంజనీరింగ్ కళాశాల డైరెక్టర్ ప్రొ. బి. పీర్ అహ్మద్, ఐటీడీ, సీఐఎస్ హెడ్ మౌసీమ్ అజయ్ చౌరాసీయా, టీసీఎస్ ప్రొక్టర్ స్పృషిష్టు డా. అనంత్ దేవీక్, డా. దేవాశిష్ పాల్ తదితరులు పాల్గొన్నారు.

CENTRAL ZONE
HANS INDIA

THURSDAY, DECEMBER 14, 2017

Weeklong conference on 'R' applications begins

OUR BUREAU
Banjara Hills Scholars, IT professionals and faculty from across the country attended the inaugural of the weeklong conference on Data Science Applications and Practices in R at Muffakham Jsh College of Engineering and Technology here on Wednesday.
'R' is an open source software and one of the data analysis techniques that helps in extracting information from big data. Among other analysis techniques Python and Hadoop are commonly known. These techniques are used in mathematics, statistical and visual data to get the in-



formation. The programme was organised by the IT department of the college in collaboration with IEEE, Hyderabad.
Vice-chair of IEEE (Hyd) P V S Murthy interacted with the delegates after his keynote address. He said that using appropriate techniques for data analysis was the need-of-the-hour.
Delegates from Chhattisgarh, Andhra Pradesh, Maharashtra, and different districts of Telaga states attended the event where they will go through theoretical and practical sessions during the six days event at the college.
Dr Anantha Desik, product specialist from TCS conducted the first session after

the inaugural and said that deep learning was needed to understand the proper usage of R in different data analysis. He emphasized on the importance of data science during the session. He discussed the details of the software and updates that took place from the time of its inception in 2003.
Zafer Javeed, Honorary Secretary, SUES appreciated the IT department and encouraged organisers to host events such as these. Dr Mousini Ajay Chaurasia, Professor & Head, IT Dept, presented the welcome address and informed the crucial role of Data Science in our day-to-day life.



Delegates on data look on as Vice-chair of IEEE (Hyd) P V S Murthy delivers the keynote address in Banjara Hills on Wednesday

VALEDICTORY FUNCTION ON 18th December 2017

<p>TIMES CITY</p> <p>THE TIMES OF INDIA, HYDERABAD MONDAY, DECEMBER 18, 2017</p>	<p>KHAIRTABAD/SANATHNAGAR/ JUBILEE HILLS</p> <p>NAMASTE TELANGANA MONDAY, DECEMBER 18, 2017</p>
	

KHAIRTABAD ZONE 7

SAKSHI

MONDAY, DECEMBER 18, 2017

నూతన ఆవిష్కరణలకు కేరాఫ్ 'ముఫకంజూ'

బంజారాహిల్స్: రోడ్ నెం. 3లోని ముఫకంజూ ఇంజనీరింగ్ కళాశాల ఐటీ విభాగం ఆధ్వర్యంలో డాటా సైన్స్ అప్లికేషన్స్ ఆండ్ ప్రాక్టీసిస్ ఇన్ 'ఆర్' అనే అంశంపై పార్లెటర్స్ ట్రైనింగ్ ప్రోగ్రామ్ (ఎస్టీటీపీ) వారం రోజులపాటు జరిగింది. ఆదివారం ముగింపు వేడుకలు నిర్వహించారు. వేడుకలకు తేజవ్ మెమోరియల్ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ డైరెక్టర్ ప్రొఫెసర్ సీల్ గోగ్లే ముఖ్య అతిథిగా విచ్చేసి మాట్లాడుతూ నూతన ఆవిష్కరణలకు ముఫకంజూ ఇంజనీరింగ్ కళాశాల పెద్ద పీట వేస్తూ విద్యార్థులను ఆ దిశలో తీర్చిదిద్దడమే కాకుండా కొత్త శిక్షణకు శ్రీకారం చుడుతున్నారని కొనియాడారు. కార్య

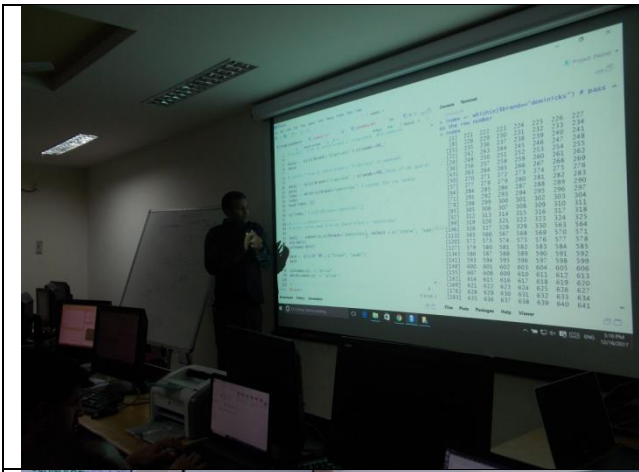


మాట్లాడుతున్న ప్రొఫెసర్ సీల్ గోగ్లే

క్రమంలో ఎస్టీటీపీ కో-ఆర్డినేటర్ డాక్టర్ దేవాశిష్ పాల్, కళాశాల డీన్ డాక్టర్ సయ్యద్ ఫర్హతుల్లా హుస్సేని, డాక్టర్ ఎం.నరేష్, అతుల్ నెగి పాల్గొన్నారు.

Some of the event photos :





Report submitted on 20.12.2017

NEED CONFIDENCE TO DO
YOUR MINI AND MAJOR
PROJECTS WITHOUT ANY
EXTRA SUPPORT?



IEEE
HYDERABAD SECTION

Circuits and Systems Society (CAS) Membership Development Workshop on

INTERNET OF THINGS

Funded under the IEEE Circuits and Systems Society Outreach Program

Build your own IoT project

26-28 August 2017

(Workshop on 26 & 27 Aug, 2017 - Innovative Idea Contest on 28 Aug, 2017)

Venue: Muffakham Jah College of Engineering and Technology, Hyd

Organized by: Joint Chapter of IEEE CAS/ED Societies

IEEE Hyderabad Section



ATTEND THE 3 DAYS OF HANDS ON PRACTICE!

Practical sessions include:

- Embedded-C Programming
 - NodeMCU Interfacing
 - ESP8266
 - Blynk Mobile App
 - Thingspeak Cloud
 - Twitter Updates
- and much, much more!

**Innovative IoT
Idea Contest
Win Cash Prizes
worth 10k**

Each Team from one college will get an IoT Kit and an IoT mentor



Workshop Faculty:

Prof. Atul Negi

Prof. P.A. Govindacharyulu

Prof. Mohammed Arifuddin Sohel

Rules:

**Three members per
team (Two students and one
faculty / Three students)**

Registration Fees:

**IEEE CAS members: Free
IEEE members: ₹ 300
Non IEEE members: ₹ 1000**

Limited travel grants of ₹ 1000 per team for outstation teams

**For Registration, list of experiments and other details
visit: <https://sites.google.com/site/cassiotforum/>**

or

**contact Dr. Arif Sohel
Course Coordinator
9885407094
arif.sohel@ieee.org**



Through ICT

Welcome, MAHAMMAD K (1032)

[Participants Status](#)
[Seat Availability](#)
[Change Password](#)
[Logout](#)

Participants Status

All Columns ▼

Records 1-13 of 13 [reset](#)

Sl No	Participant Id	Name	Email Id	Mobile No	Accomodation	Status	Institute Name	Remarks
1	810	Namada Byreddy	bnreddiee@gmail.com	9490215517	No	Confirmed	G.Narayanamma Institute of Technology and Science	
2	1497	LINGAPPA JAKLAIR	lingappa2011@gmail.com	9000565784	No	Confirmed	TEEGALA KRISHNA REDDY ENGINEERING COLLEGE	
3	1557	Jonnalagadda Eswara Muralidhar	muralidhareed@mjcollege.ac.in	9866277830	No	Confirmed	Muffakham Jah College of Engineering & Technology	
4	1600	S NARASIMHA	parvathi.9885@gmail.com	9618159232	No	Confirmed	TKR College of Engineering & Technology	
5	1648	BIBI MARIYAM	bibimariyam@mjcollege.ac.in	9963857087	No	Confirmed	MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY	
6	1659	Imran Mohammed	imraneed@mjcollege.ac.in	9885770262	No	Confirmed	Muffakham jah college of engineering and technology	
7	1733	Fabia Akbar	fabia.akbar@mjcollege.ac.in	9989350002	No	Confirmed	Muffakham jah college of engg & technology	
8	1843	MOHAMMED JAFFAR	jaffereed@mjcollege.ac.in	9985291924	No	Confirmed	MUFFAKHAMJAH OF ENGINEERING AND TECHNOLOGY	
9	2241	Nagaraju Yallavula	yallavulanr@gmail.com	7095922360	No	Confirmed	UCE&T MAHATMA GANDHI UNIVERSITY NALGONDA	

Sl No	Participant Id	Name	Email Id	Mobile No	Accomodation	Status	Institute Name	Remarks
10	2469	MOHAMMAD HASEEB KHAN	haseebkhaneed@mjccollege.ac.in	9849316285	No	Confirmed	MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY	
11	2782	Arshad Mohammed	arshad.mohammed@mjccollege.ac.in	9985089678	No	Confirmed	Muffakham Jah College of Engineering and Technology	
12	2907	MD ABDULLAH	abdullah9985@gmail.com	9985298197	No	Confirmed	MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY	
13	5412	ALA MADHUSUDHAN	madhusudhan217@gmail.com	9490923709	No	Confirmed	TKR COLLEGE OF ENGINEERING & TECHNOLOGY	

50 ▾ Entries Per Page Page 1 of 1

REPORT

TWO WEEK ISTE STTP WORKSHOP ON ELECTRIC POWER SYSTEM

15 July 2017.

A two week ISTE STTP Workshop on Electric Power System was conducted in MJCET, Electrical and Electronics Engineering Department by Indian Institute of Technology Kharagpur under the mission of National Mission on Education through Information Communication Technology (NMEICT).

As part of this programme two workshops are organized

1. Coordinator workshop which was conducted at IIT KGP during 1st May 2017 to 5th May 2017 for coordinators.
2. Two week ISTE workshop was conducted for faculty members as per the following

i) The participants completed the equivalent of two-week full time online programme, spread over 6 physical weeks including video lectures and assignments.

ii) After completion of the online assignments the participants attended the Remote Center ID 1032 (i.e., Muffakham Jah College of Engineering and Technology), for 6 days with face to face interaction through A-VIEW from 10th July 2017 to 15th July 2017.

Remote Centre Coordinator: Dr. Arifuddin Sohel, Professor, ECE

Workshop Coordinator: Mr. K. Mahammad Rafi, Assistant Professor, EEE

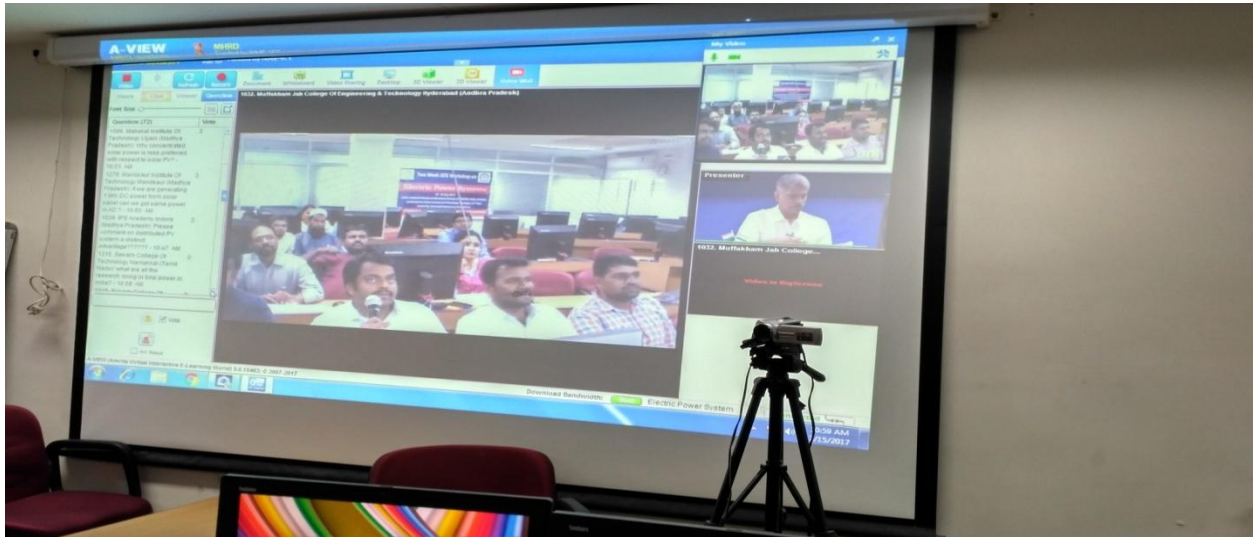
Teaching Assistant: Mr. G. Ravikiran, Assistant Professor, EEE

Number of participants Registered: 13

Number of participants Attended: 12 (4+8 (Outside faculty + Same remote centre faculty))

Some of the photographs of the work shop during the session have been enclosed





Who may benefit

The ISTE STTP is likely to benefit faculty colleagues who are willing to be prospective Workshop Coordinators for the main STTP to be held during **July 10, 2017 to July 15, 2017**. They should have considerable experience in teaching subjects in area of Power and Energy System. They should be familiar with the syllabi and examination pattern of their own college or university. It is preferable that they have some experience in running ISTE / QIP workshops.

It is mandatory that the participant's Institute is well equipped to conduct the workshop through the internet, for a minimum of 30 participants.

It is also mandatory that the participants upload a document from the Heads of their institutes to the effect that the institute is willing to conduct the Main workshop during **July 10, 2017 to July 15, 2017**.

Note: Please note that this ISTE STTP is conducted under the CEP IIT Kharagpur. Live recording of the course and other created contents will be released under Open Source through a portal. The recorded CD/DVD of the course lectures will be available for distribution, at cost, to any individual or institution. All participants are required to sign an undertaking for such release of contents contributed by them during and after the STTP. The recognition and citation will naturally be made for all contributors.

Course Fee

Since the ISTE STTP is funded by the **National Mission on Education through ICT (MHRD, Government of India)**, there is no course fee for participation*.

* Travel fare reimbursement will be made up to A/C 2-tier train fare on production of tickets. Local travel up to the nearest Railway Station will be restricted to Rs 250/- each way on production of proof. Air fare can be granted ONLY if:-

- The participant is eligible to travel by air strictly as per Government of India norms.
- The participant from remote regions like North-East India or Jammu & Kashmir.

Accommodation

Shared Guest House accommodation with standard boarding will be provided free to the participants, depending on availability, from the evening of **Sunday 30th April, 2017 (arrival) to the morning of Saturday, 6th May, 2017 (departure)**. Due to limited number of rooms, **participants are asked not to bring family members and kindly do not make such requests.**

Eligibility

- He/ she must be a faculty in the department of Electrical and Electronics Engineering / Electrical Engineering. Persons working in any other engineering disciplines or Science Departments are not eligible.
- B.E. / B. Tech. or equivalent degree holders in the above mentioned disciplines with minimum teaching experience of 5

years and considerable experience in teaching Electrical Engineering and allied areas.

- M.E / M.Tech degree holders in the above mentioned disciplines with specializations as Power Systems, Power Electronics, Electric Machines, Renewable Energy/Energy Science with a minimum teaching experience of 3 years and considerable experience in teaching subjects in Power and Energy Systems area.
- Ph.D degree holders should have a minimum teaching experience of 2 years and considerable experience in teaching Power and Energy Systems.

Note: Teaching experience of courses equivalent to, prerequisite to, or specializations of Electrical Engineering, such as, Electric Circuits, Electric Machines, Power Electronics, Signals and Networks, Power Systems are also acceptable.

How to Apply

Those willing to attend this course should register online.

Due to limited seats, registration will be on a first-come-first-served basis. Confirmation of registration will be sent by email and the registration status will be updated in website. **Enrolment will be strictly online.**

Last Date for Online Enrollment: 24th April, 2017

Address for Communication

Admin Team
Project "T10KT", IIT Kharagpur
Vikramshila Building, Ground floor of Kalidas Auditorium
Kharagpur – 721302. West Bengal, India

Contact Numbers:

Admin Team : +91 3222-281497
Account Team : +91 3222-281498
Moodle Team : +91 3222-281070
A-View Team : +91 3222-281072
Mobile Number : +91 8145226903

Email : office_nmeict@iitkgp.ac.in

Website : <http://www.nmeict.iitkgp.ernet.in>

ONE WEEK ISTE STTP FOR COORDINATORS ON ELECTRIC POWER SYSTEM

National Mission on Education through ICT
(MHRD, Govt. of India)

May 1-5, 2017



Indian Institute of Technology Kharagpur
Kharagpur 721302
India

Introduction

An important initiative has been taken by IIT Bombay and IIT Kharagpur to work with Engineering Colleges of India to enhance the teaching skills of our faculty colleagues in core Engineering and Science subjects under Train Ten Thousand Teachers programme. Participating teachers attend live lectures at a remote center close to their own college, and also attend tutorial and lab sessions conducted in the same centers. The lecture transmission and live interaction takes place in distance mode using A-VIEW technology through internet at the selected remote centers across the country. This initiative is a part of the 'National Mission on Education through ICT,' which is supported by MHRD. Faculty coordinators are appointed at each remote centre to handle the technology infrastructure and other operational logistics. Additionally, for each workshop there will be a Faculty assigned as Workshop Coordinator for that subject, who will help in conducting laboratories and tutorials at each center.

We invite expert faculty members from various remote centers to a five-day 'Coordinators' training workshop' held at IIT Kharagpur or at IIT Bombay, at least two months before the Main Workshop. The trained Coordinators then act as Workshop Coordinators during the Main Workshop, liaising between the participants at their Remote Centers and IIT Kharagpur / IIT Bombay from where the lecture is transmitted live. During the Main Workshop, the Workshop Coordinator at every center supervises the tutorials and laboratories. All the lectures and tutorial sessions are recorded at IIT Kharagpur or at IIT Bombay. The final edited audio-visual contents, along with other course material are released under Open Source. The contents can be freely used later by all teachers and students.

Since December 2009, a number of two-week ISTE workshops were conducted on various Engineering subjects. We have reached more than **1,00,000 and above** teachers and helped them to enhance their teaching skills at around **357** distinct Remote Centers across the country.

In the backdrop of the success of these workshops, we now announce another 6 day ISTE STTP on **Electric Power System** during **July 10, 2017 to July 15, 2017** (tentatively) under **Blended MOOCs** (Massive Open Online Courses) model. Here,

1. The participating teachers will complete the equivalent of two-week full time work online, spread over 6 physical weeks where video lectures and assignments will be uploaded beforehand.
2. Participants will then assemble at the selected Remote Centers for 6 days face to face interaction and lecture sessions through A-VIEW and will complete team assignments, tutorials, quizzes etc.
3. Offline assignments will be uploaded and the participants will have to complete these assignments within a stipulated time.
4. Some selected Main Workshop participants will also have to make video lectures for peer faculty and students. There will also be a system of students' feedback in the Main Workshop

The above proposed model is tentative and is subject to minor changes

The corresponding one week ISTE STTP for Coordinators workshop will be held during **1st May to 5th May 2017**.

One week ISTE STTP for Coordinators

The proposed ISTE STTP for Coordinators to support the above is being organized at IIT Kharagpur from **1st May to 5th May 2017**. This programme will provide a complete orientation to the prospective Workshop Coordinators on the methodology to be followed in this project. This will also provide training on other technical and logistics aspects such as use of A-VIEW, the lab environment required for the main Workshop, funding and other support provided by the project.

It may please be noted that each prospective Coordinator will have to bring a one page write-up of his/her area of interest in Electric Power System or related course. Few of these will be selected for preparing video/text lecture materials which in turn shall be uploaded in our website as additional lectures.

Course Justification

Electricity is the third most important commodity, next only to Air and water for survival of human beings. The course on Electric Power System is a very important course in an electrical engineering curriculum on all aspects of Electricity right from Generation to utilization. Every graduate in broad area of Electrical Engineering needs to have a detailed exposure to (a) Elements of Power System (b) Importance of Renewables and (c) Importance of ICT in reliable operation of Power System.

Course Overview

Electrical Power System is a core course for any undergraduate programme in Electrical Engineering. It is expected to be the first course on this topic and is typically meant for participants who already have some introductory knowledge of Electric Circuits, Electric Machines and Control Systems. The course shall cover the basic foundations of Power System Analysis, which can be used to assess effective Electric Power Delivery in practice. An awareness of available software tools for the purpose. Need for renewable energy resources will also be brought out. Participants are exposed to usefulness of employing ICT in developing smart grids. Through this course a participant is expected to be able to learn to properly identify as to what comprises an Electric Power System, examine its inherent complexity and explore different ways to develop an algorithmic solution by analyzing the various alternatives to finally develop a good practical solution that is supported by logical and theoretical justification.

Course Objective

Participants pursuing this course should be able to

1. Identify as to what Comprises a Power System
2. Realize the need for Renewable Energy Sources for Electric Power Supply.

3. Become aware of usefulness of ICT in reliable operation of Electric Power System.
4. Be able to carry out all essential analyses necessary to have reliable operation of Electric Power System.

Course Modules

1. Components of Power System
2. Renewable Energy Resources
3. Basic tools of Analysis
4. Power System Analysis Software
5. Control of Power Systems
6. Application of ICT
7. SMART GRID
8. Protection
9. Asset Management

Course Learning Strategy

The learning begins by reading a good text book on the subject. This is to be followed by solving problems, including peers in a group learning effort. Discuss and interpret the results obtained. All the three are important to achieve success. In addition, it is important to be able to be aware of available software for the analysis. Practice some real life situations, execute them and compare their performances to check whether theoretical analysis confirms with experimentation. A text-book must be available for study. It is preferred to generally follow a single text-book. However, referring to other text-books at times to understand different topics may be preferred. While studying in a group, it is useful if individual members follow different books so that a variety of inputs are obtained. Web and video resources are good additional inputs. The steps include reading the chapters relevant, watching the video, discussing the concepts in a group and then solving a set of problems. The solutions to the problems solved by the group can be discussed together and one or more final versions may be accepted. Trying to check, other member's solutions are a very important aspect of learning any subject.

Duration and Venue

The duration of the workshop will be five days. It will start on **Monday 1st May, 2017** and will end on **Friday 5th May, 2017**.
Venue: Kalidas Auditorium, IIT Kharagpur.

Teaching Faculty

Professor N K Kishore

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Professor Shreevardhan A Soman

Department of Electrical Engineering, IIT Bombay
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Professor Gautam Bandyopadhyay

Department of Electrical Engineering, IEST Kolkata
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Date: 29th September, 2017


National Institute of Technical Teachers Training and Research, Chandigarh, and Typhoon HIL GmbH, Switzerland, invite you to register for a five-day training session entitled

Hardware in the Loop for Smart Grid Applications Typhoon HIL User Certification - Level 1

The course is designed to get you working fast within the Hardware in the Loop (HIL) paradigm, in a way that develops your skills and confidence with the toolset which expands with each unit. Upon course completion you will know how power electronics and power systems engineers use HIL to design, test and verify complex and dynamic control and power management systems of all levels.

More specifically, the topics addressed in the course include:

Monday, October 9, 2017	Typhoon HIL toolchain walkthrough Real time modelling fundamentals
Tuesday, October 10, 2017	HIL for power electronics
Wednesday, October 11, 2017	HIL for microgrids and power electronics enabled power systems
Thursday, October 12, 2017	Test Automation Typhoon HIL Test suite
Friday, October 13, 2017	Communication protocols, Real-word case studies

To register for the course, please go to <https://hil.moodle.school/> and create a new account. After the registration on the portal, please locate the course titled “Typhoon HIL User Certification - Level 1” and click  at the bottom of the course welcome screen.

The course consists of five four-hour tutorials, spread over five days, starting 9th October at 13h IST. The deadline for registration is Thursday, October 5 (midnight IST). The course is limited to 100 attendees.

All attendees will get a certificate of attendance and those who pass the certification test will get Level 1 User Certificates from Typhoon HIL.

Typhoon HIL GmbH
Seminarstrasse 85, CH-5430 Wettingen, Switzerland
Phone: +1-800-766-3181
www.typhoon-hil.com

Name of the Course : Hardware in loop For Smart Grid ApplicationDate : **09/10/2017 to 13/10/2017**

Venu : Muffakham Jah College Of Engg & Tech, Hyderabad

List of Participants

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Arshad Mohammed

Mohammed Imran

* Participant is from (MANUU) Maulana Azad
National Urdu University.

Hardware in loop For Smart Grid Application

Name of the Course : Hardware in loop For Smart Grid ApplicationDate : 09/10/2017 to 13/10/2017

Venu : Muffakham Jah College Of Engg & Tech, Hyderabad

List of Participants

Date 10/10/2017

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Hardware in loop For Smart Grid Application

Name of the Course : Hardware in loop For Smart Grid ApplicationDate : 09/10/2017 to 13/10/2017Venu : Muffakham Jah College Of Engg & Tech, Hyderabad

List of Participants

Date 12/10/17

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Hardware in loop For Smart Grid Application

Name of the Course : Hardware in loop For Smart Grid ApplicationDate : 09/10/2017 to 13/10/2017Venu : Muffakham Jah College Of Engg & Tech, Hyderabad

List of Participants

Date 13/10/17

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Name of the Course : Hardware in loop For Smart Grid ApplicationDate : 09/10/2017 to 13/10/2017

Venu : Muffakham Jah College Of Engg & Tech, Hyderabad

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MJCET
ELECTRICAL ENGINEERING DEPARTMENT

Report on

“HIL simulation for Smart Grid Application” Event

The Electrical Engineering Department conducted a Five Days National Level, AICTE recognized Short Tem course from 09th November 2017 to 13th November 2017 successfully in the EED, Computer center, Block 3, in collaboration with Typhoon HIL,GmbH and National institute of Technical Teachers Training Institute and Research(NITTTR) Chandigarh.

In these five days 27 Faculty & PG students has participated and got working knowledge about Hardware In Loop(HIL) concept and its representation in different softwares. By use of Typhoon HIL software, an emphasis on Smart grid Application with HIL was delivered to the participants.

Five faculty members has gained Level-1 Trainer Certification from TYPHOON HIL company after clearing an online test. In due course Level-2 certification test will be conducted. Besides this, all the participants has received the participation certificates from NITTTR(Ch).

The event was successfully organized by **Mr. Md. Arshad Mohammed**,and **Mr. Md. Imran**, Asst. Professor.



PHOTOS: CED

**National Workshop on “SMART BUILDING MATERIALS & TECHNOLOGIES” (SBMT-2017)
27 & 28th January 2017**



National Workshop on “ENVIRONMENT AND SUSTAINABILITY”

10th April 2017



National Seminar on “PROFESSIONAL ETHICS”

11th April 2017



SBMT WORKSHOP BROCHURE

REGISTRATION FEE:

Delegates from Industry : **Rs.1500/-**

Faculty & ICI Members : **Rs.1000/-**

Students : **Rs.500/-**

Working lunch, snacks and tea will be provided. Certificate of participation will be given to all the participants. No TA and DA will be paid for attending the Workshop.

Mode of Payment:

Registration fee can be paid in the form of Demand Draft or Cheque drawn / issued in favor of "The Principal, MJCET, Hyderabad", payable at Hyderabad.

LAST DATE FOR REGISTRATION

23rd January 2017

For details contact

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CO-COORDINATORS

Mr. BARKAT ALI KHAN

9849401971

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DEPARTMENT OF CIVIL ENGINEERING

VISION

To produce technically competent and socially responsible Civil Engineers to propel in infrastructural development

MISSION

To impart quality education and inculcate professional skills to function as proficient planners, designers and constructors capable of ensuring sustainability and safety

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Prof. Ravande Kishore
Dean, Faculty of Engineering, O.U.

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Chairman, ICI, Hyderabad Center

CONVENERS :

Prof. Mohammed Hamraj
Professor & Head, CED, M.J.C.E.T.

Er. C. Yedukondalu
Hon. Secretary, ICI Hyderabad Centre

COORDINATOR :

Mr. Shakeel Ayjaz
Assoc. Prof. & Assoc. Head

CED, M.J.C.E.T.

CO-COORDINATORS:

Mr. Barkat Ali Khan
Asst. Professor, CED

Mrs. Husna Nooreen
Asst. Professor, CED

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Er. N. Mavul Rao, Hon. Treasurer, ICI, Hyderabad Center.

All Staff Members of CED.

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Dr. Moinuddin Ahmed, Professor, C.E.D, M.J.C.E.T.

Mr. D.Ram Mohan Rao, Assoc. Professor, M.J.C.E.T.

Dr. Mohammed Abdullah Shariff, Professor, C.E.D, M.J.C.E.T.

Two-Day National Workshop

SMART BUILDING MATERIALS AND TECHNOLOGIES

(SBMT - 2017)
27 - 28 January 2017

Venue: Seminar Hall, MJCET



Organized by

Department of Civil Engineering
MUFFAKHAM JAH
COLLEGE OF ENGINEERING AND
TECHNOLOGY

Road #3, Banjara Hills, Hyderabad – 500034.T.S

Supported by



Department of Civil Engineering
University College of Engineering (A)
Osmania University
Hyderabad – 500007, T.S., India.



Indian Concrete Institute
Hyderabad Centre

ABOUT THE INSTITUTION:

Established in 1980 by the Sultan-Ul-Uloom Education Society, located on a sprawling campus situated in the heart of the historic city of Hyderabad. Muffakham Jah College of Engineering and Technology (MJCET) is a premier institute of its kind. It offers four years undergraduate degree courses in eight Engineering branches, and five post graduate courses of two years duration. The College is affiliated to the Osmania University and is approved by the AICTE. The college has a very good academic and professional record and has been accredited by National Board of Accreditation and Institution of Engineers, India. The Institution is one of the leading technical education centers in Telangana having experienced faculty and well-equipped laboratories and infrastructure.

DEPARTMENT PROFILE :

The Department of Civil Engineering is established right from the inception of the college in 1980. The department of Civil Engineering has one Post Graduate program in Structural Engineering and undergraduate program in Civil Engineering. It has well qualified and experienced faculty & staff, well equipped laboratories and a research center for Innovative Materials. The department also offers consultancy services in the field of Structural Design and Material Testing to the various agencies in and around Hyderabad.

UNIVERSITY COLLEGE OF ENGINEERING (UCE) PROFILE:

The University College of Engineering, Osmania University has the distinction of being the oldest and biggest among the Engineering Colleges of state of Telangana. The Department of Civil Engineering established in the year 1929 offers under graduate courses in Civil Engineering, Master's and Doctoral programmes in Structural Engineering, Infrastructure Engineering, Transportation Engineering, Geotechnical Engineering and Hydromechanics and Water Management. The department offers consultancy services to several organizations.

INDIAN CONCRETE INSTITUTE (ICI) :

Indian Concrete Institute registered in 1992 is a society in service to the industry and professionals with the objectives of promoting growth of concrete construction, train professionals for the needs of changing concepts in technology, identify R&D problems relevant to concrete construction technology and to arrange periodicals, seminars and exhibitions on selected topics of concrete technologies. ICI Hyderabad Centre is one of the active centers promoting the objectives of ICI.

PREAMBLE:

A material is considered smart only when it contributes something to upgrade the quality of the structure. This includes energy and cost efficiency with environmental sustainability. With all those advancements in construction techniques and also with the demand of end users for the smart buildings, the constructors and designers are ought to introduce something new and smart to fulfill their demands and needs. This workshop provides an overview of different types of smart materials and techniques available and open new doors for advancement and improvement in the construction industry.

KEY TOPICS:

- Introduction to Smart Building Materials
- Need for Smart Building Materials
- Mechanics & Behavior of Smart Materials
- Smart Design Concepts in Construction
- Special Concrete and its Applications
- Materials for Energy Conservation
- Nano Materials and Nano Technologies
- Monitoring of Structures and Buildings
- Green and Intelligent Building Technologies

RESOURCE PERSONS :

Faculty from IIT's, IIT, University Engineering Colleges and Professionals from Industry.

WHO CAN ATTEND :

The course of the workshop is open to Teachers from Engineering Colleges / Polytechnics / Professional Engineers / PG students / Research scholars from Govt. and Private Organizations.



MUFFAKHAM JAH
COLLEGE OF ENGINEERING AND
TECHNOLOGY

REGISTRATION FORM

Two - Day National Workshop on
SMART BUILDING MATERIALS
AND
TECHNOLOGIES (SBMT - 2017)
27 - 28 January 2017

Name: _____

Designation: _____

Organization: _____

ICI Membership No (if any): _____

Address for Communication: _____

Phone No: _____

E-mail: _____

Cheque / DD No.: _____ Dt. _____

Rs _____

Bank: _____

Place: _____

Date: _____ Signature _____

Kindly submit the filled in Registration Form to Coordinators by Email / In-person

Eligibility:

- 1) He/ she must be a faculty member in the Department of **Electronics and Communication Engineering / Electrical Engineering / Computer Science and Engineering / Instrumentation Engineering / Information Technology / Physics** with basic **VLSI** knowledge/ **Mathematics** with basic **VLSI** knowledge/ **Material Science** with basic **VLSI** knowledge/ related Departments and Centres.
- 2) B.E. / B. Tech. or equivalent degree holders in the above mentioned disciplines with minimum teaching experience of 2 years and moderate teaching experience in the area of Analog and Digital Circuits.
- 3) M.E / M.Tech. degree holders in the above mentioned disciplines with minimum teaching experience of 1 year and moderate teaching experience in the area of Analog and Digital Circuits.
- 4) Ph.D. degree holders should have a minimum teaching experience of 1 year and moderate teaching experience in the area of Analog and Digital Circuits.

Who may benefit:

The workshop is likely to benefit regular/visiting faculty colleagues who are teaching subjects like VLSI Design, Fundamentals of Radio Frequency Engineering, Design and Implementation of Mixed Signal Circuits and Systems, Design and Analysis of Radio Frequency Integrated Circuits, Mixed Signal and RFIC Design, Analog Front-End Design, Digital VLSI Circuits, VLSI Architecture for Video Processing, etc.

Note:

Please note that this ISTE STTP is conducted under the CEP IIT Kharagpur. Live recording of the course and other created contents will be released under Open Source through a portal. The recorded CD/DVD of the course lectures will be available for distribution, at cost, to any individual or institution. All participants are required to sign an undertaking for such release of contents contributed by them during and after the STTP. The recognition and citation will naturally be made for all contributors.

Course Fee:

This ISTE STTP on 'CMOS, Mixed Signal and Radio Frequency VLSI Design' is funded by the National Mission on Education through ICT (MHRD, Government of India), therefore there is no course fee for participation.

Accommodation:

Remote Centers are being funded to provide tea/lunch on each day of the workshop, and for accommodation, wherever available, for a limited number of outstation participants. **Travel expenses up to Rs. 1000/- one way and one-time will be reimbursed against proof of actual expenditure, for participants beyond a distances of 100 km from the remote center.**

How to Apply:

Those willing to attend this course should register online.

Online Registration link:

<http://www.nmeict.iitkgp.ernet.in/vlsidmain.php>

Address for Communication:

Admin Team,
Project "T10KT", IIT Kharagpur
Vikramshila Building, ground floor of Kalidas Auditorium
Kharagpur – 721302. West Bengal, India.

Contact Numbers:

Admin Team: +91 3222-281497
Account Team: +91 3222-281498
Moodle Team: +91 3222-281070
A-View Team: +91 3222-281072
Mobile Number: +91 8145226903

email: office_nmeict@iitkgp.ac.in
Website: <http://www.nmeict.iitkgp.ernet.in>

TWO-WEEK ISTE STTP ON CMOS, MIXED SIGNAL AND RADIO FREQUENCY VLSI DESIGN

National Mission on Education through ICT
(MHRD, Govt. of India)

30th January, 2017 to 4th February, 2017



Indian Institute of Technology
Kharagpur 721302
India

Introduction:

IIT Kharagpur and IIT Bombay are working together with Engineering Colleges of India to enhance the teaching skills of our faculty colleagues in core Engineering and Science subjects by conducting ISTE Short Term Training Programmes (STTPs) under Train Ten Thousand Teachers (T10KT) project using 353 established remote centers across India. Participating teachers attend live lectures at a remote center close to their own college, and also attend tutorial and lab sessions conducted in the same centers. The lecture transmission and live interaction takes place in distance mode using A-VIEW technology through Internet at the selected remote centers across the country. Since December 2009, a number of two-week ISTE STTPs were conducted on various Engineering subjects. We have reached out to more than 1,00,000 teachers and helped them to enhance their teaching skills in these subjects.

In order to run these STTP at selected remote centers, we invite expert faculty members from various remote centres to a five-day Coordinators' training programme held at IIT Kharagpur or at IIT Bombay, at least two months before the main STTP. The trained Coordinators then act as Workshop Coordinators during the main STTP liaising between the participants at their Remote Centers and IIT Kharagpur / IIT Bombay from where the interactive lectures are transmitted live. During the main STTP, the workshop Coordinator at every center supervises the tutorials and laboratories. All the lectures and tutorial sessions are recorded at IIT Kharagpur or at IIT Bombay. The final edited audio-visual contents, along with other course material are released under Open Source. The contents can be freely used later by all teachers, students and other learners.

In the backdrop of the success of these STTPs, we now announce another 6 day ISTE STTP on “**CMOS, Mixed Signal and Radio Frequency VLSI Design**” during January 30 - February 4, 2017 under **Blended MOOCs** (Massive Open Online Courses) model.

Here,

1. The participating teachers will complete the equivalent of two-week full time work online, spread over 6 physical weeks where video lectures and assignments will be uploaded beforehand.
2. After completing the online assignments spread over 4 to 5 weeks the participants will assemble at the selected Remote Centers for 6 days face to face interaction and lecture sessions through A-VIEW and will complete team assignments, tutorials, quizzes etc.

3. Offline assignments will be uploaded and the participants will have to complete these assignments within a stipulated time.
4. There will also be a system of students' feedback in the Main STTP.

The above proposed model is tentative and subjected to minor changes

Course Justification:

Design, analysis and implementation of CMOS Mixed Signal and RFIC are attractive topics both in academia and Industry. CMOS RFIC design is a challenging and critical engineering task particularly in the arena of deep sub-micron technology. There is a strong demand of manpower having thorough knowledge and hands on experiences in VLSI design using state of the art EDA tools. The course will focus on those issues along with case studies.

Course Domain:

Electronics Engineering/Electrical Engineering/Computer Science and Engineering

Expectation from the Participants:

It is assumed that before taking the courses, the participants are familiar with introduction to electronic circuit components, signal and system theory, VLSI design technology and basic CAD flow for electronic system.

Course Objective:

Design and implementation methodology of:

1. **Analog front end for sensor interface:** Instrumentation Amplifier (IA), chopper, Variable Gain Amplifier (VGA)
2. **Data converters:** SAR & pipelined ADC.
3. **Digital VLSI:** a) Static MOS gate circuits b) High-Speed CMOS Logic Design c) Transfer Gate and Dynamic Logic Design d) VLSI architectures for video processing
4. **RF circuits:** Introduction to RFIC design.
5. **Design and implementation of typical RF Tx-Rx sub-components:** (a) Low Noise Amplifier (LNA) (b) Mixer c) Frequency synthesizer (d) Power amplifier (e) Lay out and chip level integration

Design Methodology:

From pen-paper design of various mixed signal/RF circuit blocks to schematic level implementation and then sub-sequent physical design, post-layout synthesis and simulation.

Course Modules:

1. Radio Frequency Integrated Circuits (RFIC) :

Module-A Fundamental of RFIC design, How RF design alters from traditional analog design. Various commercial protocols, basic Tx-Rx Architecture.

Module-B Various performance parameters, Noise.

Module C Design of LNA, VCO, Mixer and frequency synthesizer, Power amplifier, High speed I/O(SERDES), layout of RF circuit design.

2. Mixed Signal Blocks :

- i) Digital VLSI Design: High-Speed CMOS Logic, Transfer Gate and Dynamic Logic
 - a) Basics of video processing
 - b) VLSI Architectures for video processing
- ii) Analog Design: Analog front-end electronics (AFE), SAR ADC, Pipelined ADC.

Duration and Venue:

The duration of the STTP will be six working days. It will start on **Monday 30th January, 2017 at 9:30 AM** and will end on **Saturday 4th February, 2017**. The participants must report to the respective remote centres by 8:00 AM on 30th January, 2017.


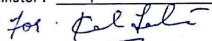
Venue: 206 remote centers located in different parts of the country. The list of participating remote centers is given along with online application form.

Teaching Faculty:

1. Prof. T. K. Bhattacharya, Department of Electronics & Electrical Communication Engineering. IIT Kharagpur, Email: tkb@ece.iitkgp.ernet.in
2. Prof. Indrajit Chakrabarti, Department of Electronics & Electrical Communication Engineering. IIT Kharagpur, Email : indrajit@ece.iitkgp.ernet.in
3. Dr. Mrigank Sharad, Department of Electronics & Electrical Communication Engineering. IIT Kharagpur, Email : mrigank@ece.iitkgp.ernet.in

ISTE STTP on CMOS Mixed Signal and Radio Frequency VLSI Design														
Attendance sheet 2														
RC- ID	Participant's ID	Name of the Participants	02/02/2017 (Day 4)				03/02/2017 (Day 5)				04/02/2017 (Day 6)			
			Before Tea break 1	Before Lunch	After Lunch	After Tea Break 2	Before Tea break 1	Before Lunch	After Lunch	After Tea Break 2	Before Tea break 1	Before Lunch	After Lunch	After Tea Break 2
	1175	S. K. Ahmeduddin Zakir	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2923	Nazeer Unnisa	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	3759	AKRAM AHMED MOHAMMAD	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	
	4048	MOHAMMED NOORULLAH KHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	4111	Rehana Farheen	Relt	Relt	Relt	Relt	Relt	Relt	Relt	Relt	Relt	Relt	Relt	
	4194	Rafath Unnisa	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	4249	Lakshmi Prasanna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	4461	SUBHANVALI SHAIK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	4566	afshan kaleem	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	
	4678	SHEIK SABEERA KHADER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	4763	MCHD. ABDUL WAJID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	4870	SYED AZAR ALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	4944	ALEFIAH MUBEEN	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	
	5005	HAKHEEM AEJAZ ASLAM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	5291	Gidugu SLBV Prasanthi	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	
	5393	Fouzia Sayeedunnisa	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	
	5796	jabar othman	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	5803	suchantha boda	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	5936	E V Raga Lakshmi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	5944	Misbahuddin Mahammad	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	← AB →	
	6138	Khwaja Amtul Salam	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	6139	RADHIKA RAYEEKANTI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	6184	Shubhangi Saxena	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	6306	AMEENA OTHURU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	6474	Abdul Alzem	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Upload sheet 1 twice daily : Once before 12:30 PM. And Second time 4:30 PM.

Signatures:
 Workshop Coordinator : 
 Remote Centre Coordinator : 



Certificate of Appreciation

Presented to

Ms. Maliha Naaz

of

Muffakham Jah College of Engineering & Technology

in recognition of his/her contribution as **Teaching Assistant**

towards the successful conduct of the

Two-week ISTE STTP on

CMOS, Mixed Signal and Radio frequency VLSI Design

organised by Indian Institute of Technology Kharagpur

from 30th January, 2017 to 4th February, 2017

*(Online activity equivalent to one week from 26th December, 2016 to 4th February, 2017 and
physical participation at Remote Center from 30th January to 4th February, 2017)*

This workshop was held under the National Mission on Education through ICT (MHRD)

A. Goswami
Prof. A. Goswami

Dean, Continuing Education
IIT Kharagpur

Prof. Raja Datta

Principal Investigator, T10KT
IIT Kharagpur

Registration Form

Name: _____

Qualification: _____

Department: _____

Experience: _____

Category: Faculty/Industry/Student

Address: _____

Email ID: _____

Contact No. _____

College _____

Registration Fee: Rs _____

Date: _____

Declaration

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme.

Signature of the Candidate:

Place:

Address for correspondence:

Organizers – ARIME-2017,
Department of Mechanical Engineering,
Muffakham Jah College of Engineering & Technology,
Road No.3, Banjara Hills, Hyderabad-500034,
Telangana.

Email: airme2016@gmail.com

Contact Person: Mrs. Ishrat M M / Mr. Khader Basha

Contact No: 9014876704 / 9849095309

Chief Patrons

Mr. Khan Lateef Khan, Chairman, SUES
Mr. Zafar Javeed, Hony. Secretary, SUES

Patrons

Dr. Basheer Ahmed, Advisor & Director, MJCET
Dr K. N. Krishnan, Principal, MJCET

Chair Person

Dr N. Seetharamaiah, Professor and Head

Organizing Secretary

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Mrs. Ishrat Meera Mirzana, Asso. Prof., MED

Co-Convener

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Mr. Mohammed Abdul Samad, Asst. Professor
Mrs. N. B. V. Lakshmi Kumari, Asst. Professor
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Mr. Shaik Irfan Sadaq, Asst. Professor
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Mr. V. Suvarna Kumar, Asst. Professor
Mr. H. Krishnamurthy Dora, Asst. Professor
Mrs. G. Sailaja, Asst. Professor
Mr. Hashim Ali, Asst. Professor

ARIME - 2017

National Workshop

On

**ADVANCES IN RESEARCH AND
INNOVATIONS IN
MECHANICAL ENGINEERING**

30th, 31st January & 1st February 2017



Organized by

Department of Mechanical Engineering

**Muffakham Jah College of
Engineering and Technology**

Road No.3, Banjara Hills
Hyderabad- 500 034
Telangana

About MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-ul-uloom Education Society (SUES), which is formed by a group of visionaries and intellectuals from various walks of life. Today that tiny acorn has developed into a mighty oak. Today it is a premier institute, offering B.E Courses in 8 branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and 5 M.E Courses (CAD/CAM, Structural Engg, Digital systems, CSE & Power Electronics) of two years duration. The current intake of all the B.E. Courses is 780 in addition to the 102 students in the M.E. Programmes. Research Centers started in ECE Dept & Mech. Engg. for Doctoral Studies.

The college is affiliated to the Osmania University, Hyderabad and approved by AICTE, New Delhi. As per survey of Out-Look Magazine, MJCET was ranked 48th among top 100 Engg. colleges of both Govt. and Private institutions in India. The Week Magazine has Ranked MJCET among the Top 50 Pvt. Engg. colleges in India. MJCET is among the Top 5 Engg. colleges in Hyderabad.

Mechanical Engineering Department

The Mechanical Engineering Department offers two undergraduate courses- B.E in Mechanical Engineering and B.E in Industrial Production Engineering and one postgraduate course – M.E - CAD/CAM, in addition to well-equipped laboratories and has Ph.D research center recognized by Osmania University.

The department has an undergraduate CAD/CAM lab with 53 computers and the Post Graduate Computational lab with 20 computers and FMS setup including a Robot Arm, Conveying system, CNC lathe and CNC Mill workstations.

Vision of the Department

To produce high caliber, competent, industry oriented Mechanical Engineers

Mission of the Department

To impart quality education by providing state of art technical facilities and enhance the professional abilities to meet the demands of the ever-changing manufacturing industry

About Workshop

ARIME essentially concentrates on research and innovations in different areas of Mechanical Engineering. The main purpose of organizing this workshop is to bring engineers from industry and academia together on a common platform. This workshop will give impetus to researchers and help them in handling problems related to design and manufacturing. At the same time it will be an opportunity for the students to interact with resource persons and get involved in addressing some real time problems and their solution. This will facilitate sharing of knowledge related to design and manufacturing between industry and academia. This workshop provides theoretical research knowledge with practical exposure and a visit to the industry.

Scope of the workshop

The workshop broadly covers following topics:

- Thermal Engineering
- Turbo Machinery
- Advanced Manufacturing systems
- CAD/CAM/CIM and CFD
- Non-conventional Energy Sources
- Robotics and Automation
- Mechatronics
- Materials Engineering

Resource Persons

1. Dr. Anil Kumar, Deputy Technology Director, HTCC, ASL, DRDO
2. Dr. N. Siva Prasad, Pro Vice-Chancellor, Hyderabad Campus, GITAM University
3. Dr. Shujayat Khan, Principal Director, CITD
4. Dr. N.K.Singh, AGM, TCF, BHEL R & D
5. Dr. Puli Ravi Kumar, Prof., NIT, Warangal
6. Dr. Sriram Venkatesh, Prof., Director, IQAC, OU
7. Dr. P. Usha Sri, Prof., Chairman, BOS, OU
8. Dr. Manzoor Hussain, Prof. & Director of Admissions, JNTUH, Hyderabad
9. Dr. G. Satish Babu, Prof., JNTUH, Hyderabad
10. Mr. D. Ravi Katukam, CEO, Ennovator, Hyd.
11. Mr. Jalgam Ravinder Rao, Mech. Engg., Hyd.

Registration Fee:

ME/ M.Tech/B.E/B.Tech Student : Rs 500/-
Faculty and Research Scholars : Rs 1000/-
Industry Participant : Rs 1000/-

The mode of payment can be made through online transfer or by DD.

Account Details for Payment:

Account Holder Name	Syed Khader Basha
Account Number	62244686646
Bank	SBH
Branch	P & SB, Banjarahills
IFSC Code	SBHY0020940

Please send the scanned copy of payment transaction and registration form to email id mentioned in the corresponding address.

Muffakham Jah College of Engineering & Technology
Mechanical Engineering Department
Faculty / Students Details of 3 day National Workshop - (ARIME - 2017)

S.No.	Name of the Faculty / Student	Qualification	College	E-mail Id	Phone No.
1	M.R.S. Rupa Sri	M. Tech	CVR	mada.rukmini@gmail.com	961840949
2	B. Sravya	M.E	CVR	beeramsravya@gmail.com	7893784991
3	Md. Feroz	B.E	MJCET	feroz.munnu@gmail.com	8008949348
4	S. Shahul	B.E	MJCET		7097621736
5	R.Koteswara Rao	M.Tech	DRKCET	koti.rayabarapu@gmail.com	8179050739
6	N. Leela Prasad	M.E (Ph.D)	VITS	nlp123@rediffmail.com	9849721425
7	Mohammad Umair Ansari	M.Tech	NSAKCET	mdumairansari055@gmail.com	9742351281
8	Maimuna Siddiqui	M.Tech	GNITC	maimuna.siddiqui@gmail.com	7416664032
9	Yagnasri. P	M.Tech	GNITC	yagna.padma@gmail.com	7799141949
10	Y.Madhu Maheswara Reddy	M.E	MCET	mmr315@gmail.com	9700790007
11	Muhammad Kaleem Khan	B.Tech (Pursuing M.E)	MJCET	mdkhan04@gamil.com	9700170393
12	Mohammed Abdul Baree	B.E	MJCET	abdulbareesalman@gmail.com	8008469550
13	Dr. S. Narasimha Kumar	Ph. D	CBIT	narasimha71110@gmail.com	9848349240
14	D. Rambabu	M.Tech	CVRCE	rambabu322@gmail.com	9492422415
15	V. Rahul	M.E	CVRCE	vudarahul@gmail.com	9849169761
16	S. Rauhan Ahmed	B.E	MJCET	Rauhan.ahmed@gmail.com	8801484421
17	K. Azher Ali Siddiqui	M.Tech	MJCET	azhar.ali@mjcollege.ac.in	7207676650
18	M.A. Rawoof Sayeed	M.Sc, M. Phil	MJCET	rfsayeed@mjcollege.ac.in	9848429282
19	Syed Saad Ullah	B.E	MJCET	syed.saad231996@gmail.com	8019362995
20	M.A. Mateen	B.E	MJCET	mateen5813@gmail.com	8106349123
21	Md. Ibrahim Ali Baig	B.E	MJCET	baigs156@gmail.com	9177798353
22	Ahmed Abdul Rahman	B.E	MJCET	abdulrahmanatheri@gmail.com	7842565490
23	Sk. Tabraiz Bin Ahmed	B.E	MJCET	tabrezbin44@gmail.com	7569266403
24	V.Anand Kumar	M.E	VNRVJIET	anand.enggcollege@gmail.com	9492902006
25	M.S.Srinivasa Rao	M.E	VNRVJIET	Subbusoft2004@gmail.com	9912371124
26	D.Sarath Chandra	M.Tech	VNRVJIET	sarathchandra_d@vnrvjiet.in	9948340499
27	K. Jaya Prakash	M.Tech	VNRVJIET	jayaprakash_k@vnrvjiet.in	9866764266
28	P. Prasad kumar	M.Tech	VNRVJIET	prasadkumar_p@vnrvjiet.in	9603798777
29	G. Santhosh Kumar	M.Tech (Ph.D)	Gitam	santoshgk1988@gmail.com	9666555871
30	B. Bhasker	M. Tech	Gitam	bhaskerburra@gitam.in	8374427162
31	N. Ankitha	M. Tech	CVR	graceankitha@gmail.com	9032450928
32	Chollangi Rajesh	M. Tech	IFHE Univ.,	chrajesh@ifheindia.org	9505949993
33	G.M. Neeha	M. Tech	NRCM	gmneeha@gmail.com	8142790606
34	D. Krishaveni	M. Tech	NRCM	krishaveni.mechanical@gmail.com	9502162755
35	P. Pramod Kumar	M. Tech	NRCM	pramod.330@gmail.com	9985308699
36	B. Malathi	M. Tech	VJIT	malathibaddetudi@gmail.com	9052223378
37	Md. Mustafa	B.E	DCET	Mustafarock=18@gmail.com	8686818824
38	Mohammed Zuber	M. Tech	CVSR	mdzuber.1010@gmail.com	9542157601
39	S. Rahamthulla Khan	M. E	SCET	srk6006@gmail.com	9441218405
40	Mohd. Mudassir Ahmed	M. E	SCET	muddassir_ahmed24@yahoo.com	9866813179
41	M. Chaithanya	M. Tech	ATRI	mchaithanya@aurora.ac.in	9100000101
42	Srikanth Rangdal	M. Tech	NCET	shrekant@gmail.com	8106464676
43	Phani Shankar B	M. Tech	NCET	shankar.phani@gmail.com	9441831991
44	Bilal Ahmed	B.E	MJCET	bilal_954585@yahoo.com	9618960139
45	Mohammed Abubaker Fasiuddin	B.E	MJCET	mabubaker156@gmail.com	8801200375
46	K. Rajesh	M. Tech	MREC (A)	rajs005@gmail.com	9885422754
47	Md. Omar Ali	B.E	MJCET	aslamomar99@gmail.com	9700594120
48	Tabrez Bin Ahmed	B.E	MJCET	tabrezbin1995@gmail.com	7569266403
49	Mr. Khaja Azhar Ali Siddiqui	M. Tech	MJCET	azhar.ali@mjcollege.ac.in	7207676680
50	Mr. Md. Irfan Ali	M. E	MJCET	irfan.ali@mjcollege.ac.in	8801979977
51	Mr. Minhajuddin Saif	M. E	MJCET	minhajuddin.saif@mjcollege.ac.in	9701696642
52	Mr. M A Mujeeb Iqbal	M. E	MJCET	mujeebiqbal@mjcollege.ac.in	8106207559
53	Mr. Syed Adil	M. Tech	MJCET	syedadil@mjcollege.ac.in	7729938950
54	Mrs. Syeda Romana	M. E	MJCET	syedaromana@mjcollege.ac.in	8886852663
55	Mr. Ahmed Abdul Muneem	M. E	MJCET	abdulmuneem@mjcollege.ac.in	8008492321
56	Mr. KMD Mazharuddin	M. E	MJCET	mazharuddin@mjcollege.ac.in	9032665806
57	Mr. Abdul Raheem Junaidi	M. E	MJCET	ar_junaidi@mjcollege.ac.in	9966034699
58	Mr. V. Suvarna Kumar	M. E	MJCET	suvarna.kumar@mjcollege.ac.in	9246282431
59	Mr. V. Dharam Singh	M. Tech	MJCET	dharamsingh@mjcollege.ac.in	9494060419
60	Mr. H. Krishna Murthy Dora	M. E	MJCET	hkora@mjcollege.ac.in	8179562630
61	Mr. Md Yahya	M. Tech	MJCET	mdyahyan@mjcollege.ac.in	7416495838
62	Dr. G. Sailaja	Ph.D	MJCET	sailajasinha@mjcollege.ac.in	9948439301
63	Mrs. N.B.V. Lakshmi Kumari	M. Tech	MJCET	lakshmikumari@mjcollege.ac.in	9701734774
64	Mrs. Naseema	M. Tech	MJCET	naseema@mjcollege.ac.in	8187806377
65	Dr. O. Hema Latha	Ph.D	MJCET	hemalatha@mjcollege.ac.in	9849138046
66	Mrs. S. Shahar Banu	M. Tech	MJCET	ssbanu@mjcollege.ac.in	9494461768
67	Dr. G. Prasanna Kumar	M. Tech	MJCET	gprasanna@mjcollege.ac.in	9059072027
68	Dr. Mohd. Viquar Mohinuddin	Ph.D	MJCET	mdviquar@mjcollege.ac.in	9492039782

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

MECHANICAL ENGINEERING DEPARTMENT

A 3 –DAY NATIONAL WORKSHOP ON

ADVANCES IN RESEARCH AND INNOVATIONS IN MECHANICAL ENGINEERING – ARIME 2017

30th January - 1st February, 2017

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-ul-uloom Education Society(SUES) which is formed by a group of visionaries and intellectuals from various walks of life. Today that tiny acorn has developed into a mighty oak. Today it is a premier institute, offering B.E Courses in 8 Branches (Civil, ECE, CSE,IT, EEE,EIE, Mechanical & Production) and 5 M.E Courses (CAD/CAM, Structural Engg, Digital systems, Computers & Power Electronics) of two years duration. Research Centers started in ECE Dept & Mech. Engg. for Doctral Studies.The college is affiliated to the Osmania University, Hyderabad and approved by AICTE, New Delhi.

Mechanical engineering department was established in 1980 and its currently has 3 programs, B. E- Mechanical engg., B.E Production Engg. and M. E-CAD/CAM. It is a recognised Ph.D research centre of Osmania University and we are having faculty who are research supervisors for various university like Osmania university, JNTUH, Mewar univ. etc. The department has well established state of art labs and a unique models lab - one of its kinds to serve better for students and also encourage research and innovations. The department is well facilitated by experienced faculty.

The workshop Advances in research and innovations in mechanical engg - ARIME 2017 - has been contemplating from long time by our organizing secretary - Dr. Syed Nawazish Mehdi, and Mrs. Ishrat Meera Mirzana, Convenor.

The workshop is unique in its kind as it doesn't focus only on one topic as other workshops protocol but its gives an exposure to the varied topics on advances in mechanical engineering like mechatronics , FEA, Advancements in the field of IC engines, Robotics, Rapid prototyping, Turbomachinery, CFD, Innovating thinking development, CAD/CAM, Advancement in Materials engg, Digital Manufacturing. The workshop doesn't believe in transferring the knowledge only lectures from the eminent and experience personalities of their field but also believe in practical exposure of the same. So we have an industrial visit to B.H.E.L on 2nd day of the workshop. The workshop was organized with abundant support from the Co-convenor - Mr. Syed Khader Basha and coordinators and other faculty of the department.

The ARIME 2017 inaugural function was presided by Janab Khan Lateef Mohammed Khan, Chairman, SUES, who had released the workshop proceedings CD. Janab Khan Lateef Mohammed Khan who himself is a mechanical engineer supported and encouraged the workshop for the enhancement of knowledge of the budding researchers and innovators.

The chief guest for the function was Dr. N. Shiva Prasad, Pro Vice Chancellor, Hyderabad Campus, GITAM university. Dr. N. Shiva Prasad shared his idea that the failures lead to new innovation, so the young minds should develop the thought process rather than get disappointed by failures. He said that India is in forefront when it comes to space engineering and nuclear engineering, this was supported by the fact that 103 satellites are being placed in one rocket- a technology developed in India. He was closely related to many innovations of industries like BHEL, BEL, caterpillar etc.

The guest of honour was Dr. Shujayat Khan, Principal Director of CITD, Hyderabad. He mentioned that Hyderabad is becoming the Aerospace hub. He said that industrial research should be induced in academic environment. He stressed that innovations should developed into products with minimal wastage.

Dr. Basheer Ahmed, Advisor cum Director, MJCET, has shared his experiences as to how streamline research can lead to new innovations in the areas of turbines, welding etc. The inaugural event was graced by dignitaries like Dr. K. N. Krishnan, Principal, MJCET, Dr. Ferhatullah Hussainy, Dean- Administration and Dr. N. Seetharamaiah, HEAD, MED.

The workshop was well planned and organized by the organizing secretary, Dr. Syed Nawazish Mehdi, Convenor – Mrs. Ishrat Meera Mirzana, Co-Convenor – Mr. Syed Khader Basha and supported by coordinators like Mr. Irfan Sadaq, Mr. Abdul Samad, Mrs. N. B. V. Lakshmi Kumari and Mrs. Hemalatha. The workshop is being attended by several faculties from other colleges.

DAY 2 Details:

On the second day of the workshop, we had a lecture by Dr. Sriram Venkatesh, Prof., Director, IQAC, OU on Additive manufacturing and its applications. He stated how the additive manufacturing is incorporating the importance of mechanical engineers in the area of bio-medical engineering.

Dr. P. Usha Sri, Prof., Chairman, BOS, OU had given a lecture on “Research advances in the Turbomachinery”. She has detailed the basics of turbomachinery and elaborated the different areas of research in turbomachinery. She clearly discussed the methods and steps to be followed while carrying out research or innovations in the turbomachinery area.

Dr. N. K. Singh, AGM, TCF, B.H.E.L R & D, has explained the concepts of computational fluid dynamics(CFD) and explained case studies related to turbines, compressors etc., using CFD. He

also accompanied the delegates of the workshop for the industrial visit at B.H.E.L R & D, Hyderabad.

The workshop is well planned and organized by the organizing secretary, Dr. Syed Nawazish Mehdi, Convenor – Mrs. Ishrat Meera Mirzana, Co-Convenor – Mr. Syed Khader Basha and supported by coordinators like Mr. Irfan Sadaq, Mr. Abdul Samad, Mrs. N. B. V. Lakshmi Kumari and Mrs. Hemalatha. The workshop is being attended by several faculties from other colleges.



Dr. Sriram Venkatesh presenting his talk on Additive manufacturing



Dr. P. Usha Sri being honoured by a memento



Dr. N. K. Singh being honoured by a memento

DAY 3 Details:

On the third day of the workshop, we had a lecture by Mr. D. Ravi Katukam, CEO, Ennovator,Hyd on innovative thinking. His lecture was very well received by the delegates of the workshop as he said that we need to focus on "Indiengineering" i.e., have innovative ideas and engineering solutions for the Indian scenario.

Mr. Jalgam Ravinder Rao, CEO of Mech. Engg., had given a lecture on “Importance of CAD/CAM/CAE”. He said that we should focus on the concepts and algorithms related to CAD/CAM/CAE software as there is need of 2,50,000 engineers for the engineering services and 20% of the need is only met.

Dr. Anil Kumar, Deputy Technology Director, HTCC, ASL, DRDO had given a detailed lecture of composites and their manufacturing and testing techniques. He had presented the live videos of the missile design and manufacturing and their execution. He had presented very informative knowledge about composites through his years of experience.

Dr. Manzoor Hussain, Prof. & Director of Admissions, JNTUH, Hyderabad had given a lecture on digital manufacturing. His lecture discussed about innovative manufacturing field and opened a new arena of research for the manufacturing - digital manufacturing and e- manufacturing.

The workshop was very well received by the participants of the workshop, who appreciated the efforts of mechanical engineering department in organizing the workshop and wanted many more such workshops to be conducted by MED, MJCET. The valedictory function chief guest was Dr. Manzoor Hussain, Prof. & Director of Admissions, JNTUH, Hyderabad. Dr. K. N. Krishnan, Principal, MJCET expressed how every human being can be an innovator and with their research can bring in the difference in the society. The workshop is well planned and organized by the organizing secretary,Dr. Syed Nawazish Mehdi, Convenor – Mrs. Ishrat Meera Mirzana, Co-Convenor – Mr. Syed Khader Basha and

supported by coordinators like Mr. Irfan Sadaq, Mr. Abdul Samad, Mrs. N. B. V. Lakshmi Kumari and Mrs. Hemalatha. The workshop had 150+ participants for the workshop, which indicates the success of the workshop.



Industrial visit attended by the workshop delegates at B.H.E.L R &D



Innovative engineering presentation by Mr. D. Ravi Katukam, CEO, Ennovator,Hyd



Memento being presented by Delegate to Mr. Jalgam Ravinder Rao, CEO of Mech. Engg.



Dr. Anil Kumar, Deputy Technology Director, HTCC, ASL, DRDO presenting a lecture on Composite material



Dr. Manzoor Hussain, Prof. & Director of Admissions, JNTUH, Hyderabad presenting lecture on Digital manufacturing



Valedictory Function (Distribution of certificates to the participants)



Delegates of the workshop

Under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

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Participant Details

Two-Week ISTE STTP on Technical Communication Participant List

S No	Name	Institute	Certificate Issued
1	Maliha Naaz	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
2	Salma Fauzia	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
3	P.Lakshmi Prasanna	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
4	Sowjanya Madireddi	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
5	M.A. Raheem	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
6	Amina Sarwar	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
7	Alefiah Mubeen	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
8	Maniza Hijab	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
9	Farha Nausheen	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
10	Sailaja G	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
11	Odelia Hema Latha	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
12	Ishrat Meera Mirzana	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
13	V V Satyanarayana Tallapragada	Matrusri Engineering College, Hyderabad	Yes
14	Afroz Mehar	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
15	Mohammed Ismail.B	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
16	Bharat Kumar Talluri	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
17	Vani Garikipati	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
18	Kakarla Mahammad Rafi	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
19	J Eswara Muralidhar	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
20	Mohammed Umair Quadri	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
21	Mohd Abdul.Muqet	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes

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► [List of Participating Remote Centers for 'R' workshop](#)

- 12 October 2019 ◀

► [Scilab Test Result: Participants' list \(who have scored 40% and above\)](#) ◀

► [LinkedIn Page of eSim, a First Course in the IoT Series](#) ◀

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Funding Agency

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S No	Name	Institute	Certificate Issued
22	Gidugu Slbv Prasanthi	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
23	Gouthami Eragam Reddy	G. Narayanamma Institute of Technology and Science (For Women), Hyderabad	Yes
24	Sameena Mujeeb	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
25	Vijaykumar Godavarthy	MVSR Engineering College, Hyderabad	Yes
26	S. Fouzia Sayeedunnisa	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
27	Afshan Kaleem	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
28	Sucharitha Boda	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
29	Shubhangi Saxena	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
30	Naseema Shaik	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
31	Mohammed Abdul Azeem	MVSR Engineering College, Hyderabad	Yes
32	Mohammed Sabir Hussain	Muffakham Jah College of Engineering and Technology, Hyderabad	Yes
33	Kamala Kumari	Muffakham Jah College of Engineering and Technology, Hyderabad	No
34	Mohammed Noorullah Khan	Muffakham Jah College of Engineering and Technology, Hyderabad	No
35	Gabar Othman	Muffakham Jah College of Engineering and Technology, Hyderabad	No

Under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

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One Week ISTE STTP for Coordinators on Technical Communication

National Mission on Education through ICT (MHRD, Govt. of India)

August 24th, 2015 to August 28th, 2015

All (134)

Registered (0)

In-Process(0)

Confirmed (0)

Invalid (0)

Cancelled (15)

Completed (119)

[Click on any status above to view list of participant of that status.](#)

List of Participants

Show entries

Search:

S.No	Enroll No	Name	Designation	RC ID	Remote Center	State	Status
76	151503	Satyanarayana M.G.V.	Assistant Professor	1032	Muffakham Jah College of Engineering & Technology, Hyderabad	TELANGANA	Completed

Showing 1 to 1 of 1 entries (filtered from 134 total entries)

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One Week ISTE STTP for Coordinators
on
Technical Communication
Under the
National Mission on Education through ICT
(MHRD, Govt. of India)

24-28 August, 2015

Conducted by IIT Bombay

Course Coordinator:

Prof. P Sunthar, Dept. of Chemical Engineering
Indian Institute of Technology Bombay

Project Coordinator:

Prof. Deepak B. Phatak
Dept. of Computer Science & Engineering
Indian Institute of Technology Bombay
Mumbai - 400076

Background to the Short term training programmes under “Train 10K Teachers” (T10KT) project

Over 6 years ago, IIT Bombay started conducting ISTE training programmes for empowering teachers of engineering colleges. We started to engage 1,000 teachers at a time, in subject specific training workshops of two week duration. In 2013 we scaled this program further, to train up to 10,000 teachers at a time (T10KT), using 352 established remote centers across India. Together with IIT Kharagpur- a partner Institution in this project, we have a mandate through a funded project from the National Mission on Education using ICT (NME-ICT) of MHRD, to train 1,50,000 teachers in 15 such workshops.

Since December 2009, we have conducted several two-week ISTE workshops on various engineering subjects. We have reached out to more than 100,000 teachers and assisted them to enhance their teaching skills in these subjects.

In order to run these workshops at selected remote centers, we invite expert faculty from various remote centers to a five-day Coordinators’ training workshop which is held in IIT Bombay, typically about three months before the main workshop. These faculty members then act as Workshop Coordinators during the main training workshop to be conducted later for 10,000 teachers. The Coordinators supervise the conduct of tutorials and Labs at their Centers. They liaise between the participants at their Remote Centers and IIT Bombay, from where the interactive lectures are transmitted live. All the lectures and tutorial sessions are recorded. The final edited audio-visual content, along with other course material, are released in Open Source. The content can be freely used later by all teachers, students and other learners.

In order to sustain this training program in future years, we have started conducting some training programmes in the self financed mode, the details of which are given in Annexure 1. The STTP on “Technical Communication” being announced will also be conducted in the self finance mode

Summary of the short term training programme of Technical Communication

Train the teachers, who in-turn train other teachers, who teach the students, is the objective of the T10kT project of IIT Bombay, where a combination of online platforms and face-to-face interaction is used to make teacher training possible over a large scale. In this ISTE short term training programme, one of the mandatory subjects of Technical Communication will be conducted by faculty from IIT Bombay. Faculty colleagues who teach these subjects to undergraduate/postgraduate students will benefit from participating in this training programme. It will also help the faculty improve their own research communications.

One-Week Coordinators' STTP

This announcement is for the Coordinators' Workshop, to support the above. The duration of this workshop will be **five working days- 24 to 28 August 2015**. This workshop will **provide a condensed delivery of the material to be covered in the MOOC course as well as at the remote centres**.

It will also provide a complete orientation to the prospective Workshop Coordinators, on the methodology of MOOCs and training on other technical and logistics aspects, required for the main workshop.

Content of the short term training programme on *Technical Communication*

1. Scientific Methodology
2. Listening and Note Taking
3. Reading and Surveying Literature
4. Writing Summaries, Papers, Reports, and Thesis
5. Presentation: Short and Long
6. Ethics and Cultural Issues
7. Internet Communication

Teaching Faculty

Prof. Ambarish Kunwar, Ashish Pandey, M P Gururajan, Sachin Patwardhan, Prita Pant, D Parthasarathy, P Sunthar, Virendra Sethi.

Various Science, Engineering, and Humanities Departments of IIT Bombay

Who should attend?

Any faculty who is involved in the teaching of Technical Communication/Research Methodology can attend the short term training programme. It is essential that those attending this training programme be willing to act as a workshop coordinator, with their college acting as one of the remote centers for the main workshop in Dec 2015. There are no pre-requisites for the course.

However, the participants should be familiar with the syllabi and examination pattern of their own college or university. *It is also preferable that they should have at least 1 year of teaching experience.*

Duration and Venue

Duration: **9:00 am 24 August 2015 to 6 pm 28 August 2015**

Venue: **VMCC Auditorium, IIT Bombay**

Note

- **It is mandatory that the participant's Institute is well equipped to conduct the main workshop through the internet for a minimum of 30 participants.** For a remote center, a primary requirement is provision of one computer per participant, with appropriate software (licensed or open source). This is for the laboratory component of the course.
- **It is also mandatory that the participants bring a document from the Heads of their institutes to the effect that the institute is willing to be part of this project, it will provide the necessary infrastructure for conduct of the main workshop, and will release the participant for the complete duration of the face-to-face interaction during the coordinators' workshop, as also the main workshop.**
- Please note that this workshop is conducted under the T10KT project of IIT Bombay. Live recording of the course and other created content would be released under Open Source, through a portal. The recorded CD/DVD of the course lectures would be available for distribution at cost, to any individual/ institution. All participants are required to sign a No Objection certificate for such release of contents contributed by them during and after the workshop. All contributors will be acknowledged.

Accommodation and other support

Shared Guest House accommodation with standard boarding will be provided free to the participants depending on availability.

Course Fee and Travel Allowance

Since the STTP for the workshop coordinators is funded by the National Mission on Education through ICT (MHRD, Government of India), there is no course fee for participation. Travel fare reimbursement will be made for up to A/C 2-tier or lowest return airfare, as per GOI entitlement. No DA will be paid.

Important Note on Course Conduct Sequence

Please make sure that you, your remote center coordinator and the head of your institute have read the course conduct sequence, and the Annexure 1, which details the self financed model, before your registration.

This course on **Technical Communication** will be conducted in the following sequence:

1. July 2015: Colleges willing to act as remote centers will identify one faculty to be sent to IIT Bombay for training.
2. 24 to 28 August 2015: IIT Bombay will conduct a face-to-face 5-day intense workshop for this faculty, who will then act as **Workshop Coordinators for Remote Centers in the Main workshop**.
3. Sept 2015: IIT Bombay will advertise these remote centers and invite other college faculty to register for the main training course meant for up to 10,000 teachers (10kT).
4. All those registered teachers (whose status is verified) are required to pay the participation fee of Rs. 1000/- to their respective remote centers. After the payment of fees the registration will be approved by the center coordinator. **(Please refer to Annexure 1)**
5. The main workshop Two Week ISTE STTP on “Technical Communication” will commence on 08th October. This STTP will have two components:
 - (i) **Online Component from 8 Oct to 11 Nov 2015:** The participating teachers will complete the equivalent of one week full-time work online, spread over 5 physical weeks from their home/office. The online activity will be hosted on IITBombayX, the platform developed by IIT Bombay using the open source code base of open-edx.
 - (ii) **Face to Face interaction through A-view video transmission 30 Nov to 5 Dec 2015:** The participant will be present in his/her local center, and carry out tutorials, discussions, and interact with IITB faculty, live. The workshop coordinators, who were trained earlier, will conduct/manage this group of registered faculty.
6. IIT Bombay will provide ISTE certificates to all those who successfully complete the online course and face-to-face workshops. **Both the components are mandatory.**

How to Apply

Those wishing to attend this course, and become prospective Workshop Coordinators for their Remote Centers, should register online at <http://www.it.iitb.ac.in/nmeict>

Due to limited seats, only one registration from each remote center is allowed. Confirmation of registration will be sent by email. Enrollment will be strictly online.

LAST DATE FOR ONLINE ENROLLMENT:

17th August, 2015

Address for Communication:

Dr. Mukta Atrey,
Sr. Project Manager,
Department of CSE, Kanwal Rekhi Building,
Indian Institute of Technology Bombay,
Mumbai - 400 076.
Tel.: +91-22-2576 4989
Fax: +91-22-2572 0022
Email: eoutreach@it.iitb.ac.in

Annexure 1

Fee for the Two Week ISTE STTP on Technical Communication

The main **short term training programme will be conducted in the self finance mode**. The participants of the main workshop will have to pay a registration fee to the remote centre. Following are the highlights of the self finance mode:

- IIT Bombay will not **fund** the conduct of the main **short term training programme** at the remote centers.
- Participation fee of Rs 1000/- should be charged from the registered participants by the remote center. This will cover all expenses to be incurred by the remote center, including honorarium to the local faculty and staff. This will not include the accommodation and meal arrangement charges. No additional participation fee should be charged to the participants.
- The participation fee should be collected from the participants within two week of their registration, before the first component begins. The fee is inclusive of both the components.
- For food and stay, the participant will have to bear extra charges as per the rates at the local remote center. This is optional for the participants, and can be implemented, only if they are willing to avail the facility.
- The remote centers will have to collect the money from the registered participants in Cash/Demand Draft/Cheque.
- Remote center coordinator has to accordingly start approval/cancellation based on payment of fees. (This mechanism will be given to the concerned RCC on the website)
- The details of the participants, who have paid the participation fee, should be informed to IIT Bombay.
- Remote center is responsible for queries or clarification related to the participation fee at their end only.

Introduction to the Workshops under T10KT project

Over 5 years ago, we started conducting ISTE workshops for empowering teachers of engineering colleges. We first scaled up to engage 1,000 teachers at a time, in subject specific training workshops of two week duration. In 2013 we scaled this program further, to train up to 10,000 teachers at a time (T10KT), using 337 established remote centers across India. IIT Kharagpur is our partner Institution. Together, we have a mandate through a funded project from the National Mission on Education using ICT (NME-ICT) of MHRD, to train 1,50,000 teachers in 15 such workshops.

Since December 2009, we have conducted several two-week ISTE workshops on various engineering subjects. We have reached out to more than 55,000 teachers and helped them to enhance their teaching skills in these subjects.

In order to run these workshops at selected remote centers, we invite expert faculty from various remote centers to a five-day Coordinators' training workshop which is held in IIT Bombay, typically two months before the main workshop. These faculty members then act as Workshop Coordinators during the main training workshop to be conducted later for 10,000 teachers, during which, the Coordinators supervise the conduct of tutorials and Labs at their Centers. They liaise between the participants at their Remote Centers and IIT Bombay, from where the interactive lectures are transmitted live. All the lectures and tutorial sessions are recorded. The final edited audio-visual content, along with other course material, are to be released in Open Source. The content can be freely used later by all teachers, students and other learners.

IIT Bombay is launching Massive Open Online Courses (MOOCs) to global learners from July 2014, in partnership with edX. To help enhance the quality of engineering education multi-fold in India, IIT Bombay plans to offer a blended MOOCs model to students of Engineering Colleges in India. A paper on the proposed model is available at

<http://www.it.iitb.ac.in/nmeict/pdfs/MOOCs.pdf>

To train teachers for adopting the use of MOOCs in general, and to empower them to use the blended model in particular, it has been decided to run some of the T10KT workshops, partially using the MOOCs approach. The first workshop on these lines will be conducted for the subject 'Computer Programming'. This will be a four week workshop, and will be conducted for over 10,000 teachers, in the months of May/June 2014. The participating teachers will complete the equivalent of two week full-time work online, spread over 6 physical weeks. They will then assemble at the selected RCs (Remote Centers), for a week of face to face interaction, discussions, and tutorial sessions, and will then complete a team assignment. This team assignment will be equivalent of one week full-time work, and will have to be completed online, within 3 physical weeks after completion of the main face to face portion of the workshop.

"Computer Programming" is the subject chosen for the main workshop, to be run under this new model of T10KT workshops.

Two-Week Coordinators' Workshop

This announcement is for the Coordinators' Workshop, to support the above. The duration of this workshop will be two weeks. One week equivalent of full-time work is required to be done over 5 weeks of calendar time, from 16 March to 19 April, prior to one week of face to face interaction at IIT Bombay from 21 to 26 April 2014. This workshop will provide a complete orientation to the prospective Workshop Coordinators, on the methodology of MOOCs and Blended MOOCs. It will also provide training on other technical and logistics aspects, such as use of A-View, the lab environment required for the main workshop, funding and other support provided by the project, etc.

The content for the computer programming subject, to be covered by the blended MOOC later are:

- Algorithms
- Elements of C/C++ programming languages
- Basic data types
- Sequential and conditional execution
- Iterative solutions
- Arrays, matrices, and their applications
- Functions
- Basics of Sorting and searching
- Elements of string processing
- Introduction to pointers
- Software Engineering concepts
- Pointers
- Structures
- File processing
- Handling graphics
- Introduction to Object Oriented Programming
- Classes and Methods, C++ Standard Library

Teaching Faculty

Prof. Deepak B. Phatak, Department of Computer Science and Engineering, IIT Bombay
<http://www.cse.iitb.ac.in/~dbpl/>

Duration and Venue

The duration of the workshop is two weeks. One week of equivalent work is to be done online from 16 March to 19 April, from their own places & workhomes.

One week of face to face interaction from 21 April to 26 April, 2014, is to be conducted in IIT Bombay.

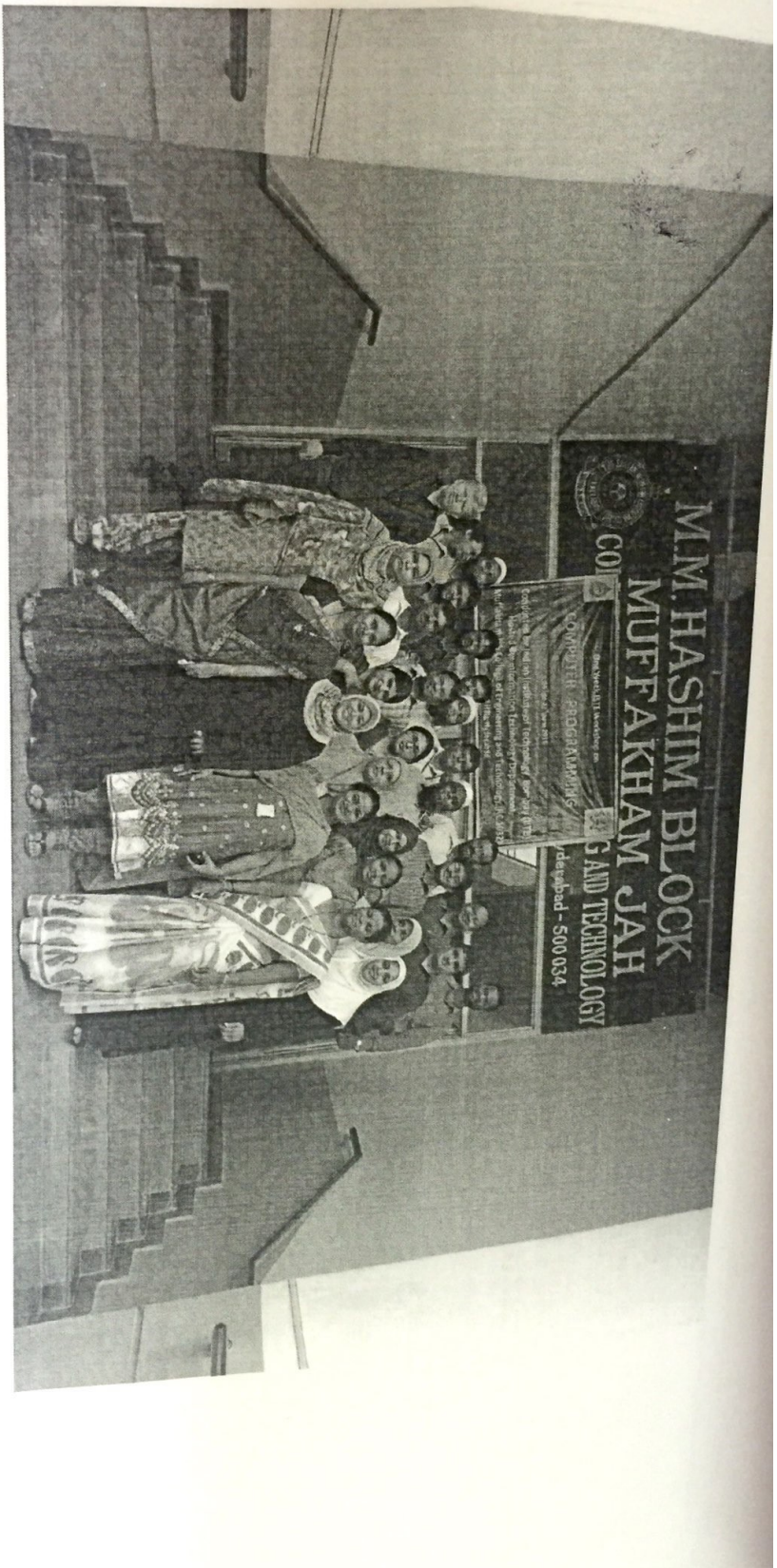
Schedule for the Main Workshop on Computer Programming, CPMAIN2014, 16 -21 June 2014

Time	16 Monday	17 Tuesday	18 Wednesday	19 Thursday	20 Friday	21 Saturday
09:00 - 09:30	Inauguration and Workshop Plan (Kannan Moudgalva)	Introduction to Active Learning (Sridhar Iyer)	A different way to introduce programming (Deepak Phatak)	Handling Arrays (Deepak Phatak)	Introducing Files (Deepak Phatak)	Introducing object Oriented Programming (Deepak Phatak)
09:30 - 10:30	Teaching Introductory programming course (Abhiram Ranade)					
10:35 - 10:55	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK
11:00 - 11:55	Teaching Introductory programming course (Contd.) (Abhiram Ranade)	Think-Pair-Share Technique (Sridhar Iyer)	Teaching iterative Solutions (Deepak Phatak)	Dealing with strings, pointers and structs (Deepak Phatak)	Presentations by participants	Workshop Feedback from selected RCs
12:00 - 12:55	- Use of technology in education - Code::blocks+simplecpp Computing Environment (Deepak Phatak)	Think-Pair-Share Technique (contd.) (Sridhar Iyer)	Designing assignments, quizzes and questions for examinations (Deepak Phatak)	Designing projects, team activities (Prof. Deepak Phatak)	Presentations by participants (Contd.)	Valedictory address
13:00 - 13:55	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
14:00 - 15:30	Lab Session 1	Peer Instruction Technique (Sridhar Iyer)	Lab Session 2 Group activity on setting test questions	Lab Session 3 Detailing team assignment	Lab Session 4	Online feedback by individual participants
15:35 - 15:55	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	
16:00 - 17:30	Lab Session 1 (Contd.)	Flipped Classroom (Sridhar Iyer)	Lab Session 2 (Contd) - Formation of teams and task allocation - Uploading team tasks	Lab Session 3 Preparation and upload of presentation by each team	Lab Session 4 (Contd.)	Online feedback by individual participants

Two week ISTE Main Workshop on "Computer Programming, 16th to 21st June 2014"

SR NO	DESIGNATION	NAME
1	RC COORDINATOR	Mohammed Arifuddin Sohel
2	WORKSHOP COORDINATOR	N.Md. Jubair Basha
3	TEACHING ASSISTANT (1)	Mohammed Afroze
	TEACHING ASSISTANT (2)	Shaik Rasool
4	SYSTEM ADMINISTRATOR	Mohammed Khaja Moynoddin
5	A VIEW COORDINATOR	Mohammed Zakir Hussain

5	Network Administrator	Mohammed Mateenuddin
6	SUPPORT STAFF	Mohammed Khalique



Note: Participants of Computer Programming workshop at MJCET remote center (RC 1032) conducted in collaboration with IIT Bombay during 16th – 21st June 2014.

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
INFORMATION TECHNOLOGY DEPARTMENT

Date: 21-Jun-2014

The Department of Information Technology, Muffakham Jah College of Engineering and Technology (MJCT), Banjara Hills, Hyderabad in collaboration with IIT Bombay has conducted a two week Workshop on Computer Programming (11th May - 21st June 2015).

The duration of the workshop is 2 weeks, i.e. the participating teachers will complete the equivalent of one week full-time work online, spread over 5 physical weeks from their home/office. The online activities will start from 11th May - 15th June 2014. The participants was assembled at their selected RCs (Remote Centers), for a week of face to face interaction, discussions, and tutorial sessions. They will then complete a team assignment and submit it within next two weeks. The face to face interaction through A-view video transmission at the selected RCs commenced on Monday, 16th June, 2014 at 09:00 hrs and ends at 18:00 hrs on Saturday, 21st June, 2014. To train teachers for adopting the use of MOOCs in general, and to empower them to use the blended model in particular, it has been decided to run some of the T10KT workshops, partially using the MOOCs approach. This was be a Two week workshop, and was be conducted for over 10,000 teachers throughout the country.

About 42 participants from various institutes has participated at the MJCT remote center (RC:1032). Prof. Deepak B. Phatak and Prof. Sridhar Iyer are the coordinators from IIT Bombay. Mr N Md Jubair Basha, Asst,Prof. ITD,MJCT & Workshop Coordinator was trained at IIT Bombay during 21st April - 26th April 2014 for the conduct of this workshop at MJCT remote center. Mr Arifuddin Sohel, Assoc.Prof, ECED, MJCT is the remote center.

The workshop covers basic and advanced topics of Computer Programming. Participants has gained a valuable experience of computer programming with this workshop. The workshop was successfully conducted for six more days with eminent speakers from industry and academia. Everyday hands-on sessions were conducted using open source tools.


N Md Jubair Basha

Workshop Coordinator

Mrs Maniza Hijab

Head-ITD

Sr.No	Enrollment No	Participant Name	Name to be printed on Certificate	Day 1				Day 2				Day 3				Day 4				Day 5				Day 6			
				Session1	Session2	Session3	Session4	Session1	Session2	Session3	Session4	Session1	Session2	Session3	Session4	Session1	Session2	Session3	Session4	Session1	Session2	Session3	Session4	Session1	Session2	Session3	Session4
1	115674	Afreen Suliana	AFREEN SULTANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	116362	Maniza Hlab	MANIZA HLAB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	116855	Uma N. Dulkhare	UMA N DULKHARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	118784	Vani Garikipati	VANI GARIKIPATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	118788	S. Fouzia Sayeedunnisa	S. FOUZIA SAYEEDUNNISA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6	119182	MD. Riyazuddin	MD. RIVAZUDDIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
7	120276	Syed Azar Ali	SYED AZAR ALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
8	121364	Raju Chithyala	RAJU CH	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
9	122953	Mohammed Imtiaz Ali Ahsan	MOHAMMED IMTIA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	123575	K.Sridevi Sridevi	K.SRIDEVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	123827	Shahk Mazhar Hussain	SHAIK MAZHAR HUS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12	124296	Niraja Katragadda	AMENA YASMEEN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
13	124996	Armenia Yasmeen	AMENA YASMEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
14	125229	Jaffer Saadiq Md	MD JAFFARSADIQ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
15	125246	Karnam Sreenu	MUNAVVARA TAHAA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
16	125613	Munawara Tahaseen	MUNAVVARA TAHAA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
17	125694	Srilatha M	SRIATHA M	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
18	125706	Suba S	SUBA S	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
19	125729	C. Gireesh Harid	NAVAKANTHI INALA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
20	125750	Navakarath Inala	NAVAKANTHI INALA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
21	125779	Arif Hussain, Mohammed	ARIF HUSSAIN MOH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	125782	Brarajesh Kokkonda	BRARAJESH KOKKONDA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
23	126147	Mohammed Imran	MOHAMMAD IMRAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	126159	MD Abdul Rawoof Sayeed	MD ABDUL RAWOOF	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
25	126193	Gouri Patil	GOURI R PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
26	126212	Sridevi Kotari	SRIDEV I KOTARI	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
27	126229	Ambareen Rana	SYEDA AMBARREEN R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	126252	Manjusha K	MANJUSHA KALEKUL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	126296	Shubhangi Saena	SHUBHANGI SAENA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	126721	Mohd Nabeed	MOHAMMED NABEE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
31	126741	Mohd Majidali	MOHAMMED MAJID	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
32	126778	Shoukat Ali	SHOUKAT ALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
33	126788	Swamy Das Marri	MAHRI SWAMY DAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
34	126821	Sridevi Tumula	TUMULA SRIDEVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
35	127704	Himayatulah Sharief	HIMAYATULLAH SHAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
36	127712	Himayatulah Sharief	HIMAYATULLAH SHAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
37	128097	MD Zakir Hussain	MD ZAKIR HUSSAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
38	128564	Mohd Yousof	MOHD YOUSUF	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
39	128659	Abdulrub Bin Mohsin	ABDULRUB BIN MOHSIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
40	131633	Alefiyah Mubeen	ALEFIYAH MUBEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
41	126272	Naimoonisa Begum	NAIMOONISA BEGUM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

Two-week ISTE Workshop on Computer Programming

Conducted by IIT Bombay

Under the

National Mission on Education through ICT (MHRD, Govt. of India)

16th-21st June 2014

Provisional Certificate *

This is to certify that

Of

(Name of Participant's Institute)

has attended the workshop at

(Name of Remote Center)

(Signed by Workshop Coordinator)

*The Participant will receive the ISTE-IITB certificate at the end of two weeks after the submission of the assignment given to him/her.

About the Institute

With a standing of over 3 decades in the field of education, Muffakham Jah College of Engineering and Technology is one of the premier institutions offering graduate and post graduate programs under the affiliation of Osmania University. Courses offered being 4-year B.E graduate course in eight engineering disciplines, five PG courses and MCA. Located in the heart of the Hyderabad city, and spread over a sprawling campus with green ambience, the college has the latest infrastructure, computing and academic facilities.

Listed consistently among the top 75 government and private engineering colleges of India, the college stood at 52nd position in the survey conducted by Outlook-India 2014.

Institute Vision

To be a part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

About the Department

The Department of Information Technology was started in the year 2000 with an intention to cater the needs of Information Technology industry and to build an Information Technology interface with the rest of the country and the world. The Department is well-equipped with qualified faculty, support staff and with latest infrastructural facilities for computing and research.

Department Vision

Fostering a bright technological future by enabling the students to function as leaders in software industry and serve as means of transformation to empower society through ITes.

About IEEE Hyderabad Section

It is one of the highly active sections with close to 6000 members. It has won the Distinguished Large Section Award of IEEE Region 10 in 2011. More details from <http://www.ieeehyd.org>

Computational Intelligence Society Chapter

It was founded in 2011 with the leadership of Dr. Armit Kumar, CEO at BioAxis DNA Research Centre Pvt. Ltd. as Chapter Chair. It has won the outstanding IEEE CIS Chapter award in 2013. Presently Prof. Atul Negi is the Chapter Chair.

IEEE MJCET SB

IEEE MJCET Student branch was founded in 2002 to enable and encourage excellence among the students, has taken longstrides in the path not only in academics, but also humanitarian and research activities. It achieved the coveted "Most Vibrant Student Branch award 2009" and continues its efforts to advance technology for humanity. Currently it has CAS, CS, CIS, PES and WIE student chapters with over 200 members.

IEEE MJCET CIS Chapter

The IEEE Computational Intelligence Society MJCET chapter was founded in 2013 as the 5th Chapter under IEEE-MJCET SB and the 1st IEEE-CIS student Chapter in Asia and 2nd in the whole Region-10.

Chapter is established with a mission to encourage the participation in the technical working groups to help shape the strategic and tactical advances that are required for our society to flourish.

About the Workshop

Big Data recently has become a new ubiquitous term to describe large datasets. The main challenge in handling Big Data lies in capturing data, providing a proper representation, managing and analyzing data to extract meaningful information in the given domain in a fast and efficient manner. Effective management and analysis of Big Data would bring great benefits and unique opportunities to the users.

This workshop aims to bring together people from both academia and industry to discuss on big data issues, case studies, tools, platforms, exchange ideas and thoughts in order to advance this big data challenge. The workshop will be beneficial for academicians and Research students who are working on real world problems on Big Data.

Three Day National Workshop

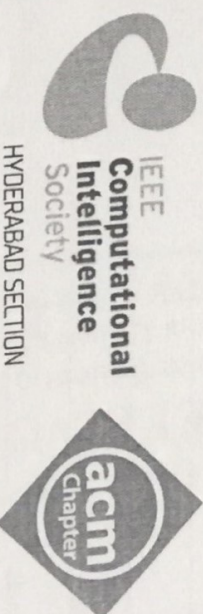
On

Big Data Analytics

(15th-17th, December, 2014)



In Association with



Organized by

Department of Information Technology

Muffakham Jah College of Engineering & Technology
(Sponsored by Sultan-ul-Uloom Education Society)

Road no 3, Banjara Hills, Hyderabad-34

BIG DATA ANALYTICS WORKSHOP

LIST OF PARTICIPANTS

Bill No.

S. No	Full Name	College / Industry Name	Verification of Name for certificate	Signature
1	A Sirisha	CBIT	✓	<i>A Sirisha</i>
2	Abdulsalam Abdu Musaed Ali Alamari			
3	Abdus Salam			
4	Amit Welekar	TGPCEET, Nagpur	✓	<i>Amit</i>
5	Anilkumar Gunti	NRI Inst.	✓	<i>Anilkumar</i>
6	Asma Begum	SCETW	✓	<i>Asma</i>
7	Ayesha Tabassum	DCET	✓	<i>Ayesha</i>
8	B Naveena	JNTU RS	✓	
9	B.Gnanaprasuna	STLW	✓	<i>B.Gnanaprasuna</i>
10	Balaji Badhrinarayanan			
11	Bendre Mininath Raosaheb	SGPSIERT	✓	<i>Bendre</i>
12	Bhallamudi Raj Gopal	KMIT	✓	<i>Bhallamudi</i>
13	Bibhu Prasad Pradban	Oracle DBA		<i>Bibhu Prasad</i>
14	BigulSunitha Devi	CMRIT	✓	<i>BigulSunitha</i>
15	Bugudae.Dhanunjaya	CVR	✓	<i>Bugudae</i>
16	C Kishor Kumar Reddy	K L University	✓	<i>C Kishor Kumar Reddy</i>
17	Ch. Krishna Keerthi	MJCET	✓	<i>Ch. Krishna Keerthi</i>
18	Ch.Parimala	Scient Engg coll	✓	<i>Ch.Parimala</i>
19	Chiranjeevi HARIDASULA	MJCET	✓	<i>Chiranjeevi</i>
20	CsrPrabhu	KMIT	✓	<i>CsrPrabhu</i>
21	DeepthiKatrapally	Scient Engg coll	✓	<i>Deepthi</i>
22	Dr. K. Udai Kumar	KMIT	✓	<i>Dr. K. Udai Kumar</i>
23	Dr.SrinivasuBadugu	STLW	✓	<i>Dr.Srinivasu</i>
24	E Ramalakshmi	CBIT	✓	<i>E Ramalakshmi</i>
25	E.S.Phalguna Krishna	Sree Vidyanikethan Engineering College	✓	<i>E.S.Phalguna Krishna</i>
26	E.Sandhya	"	✓	<i>E.Sandhya</i>
27	E.Shailaja	Methodist College of Science	✓	<i>E.Shailaja</i>
28	Farva Fatima	ATRI	✓	<i>Farva Fatima</i>
29	G Sai Chaitanya Kumar			
30	G Udaya Rani	SVIT	✓	<i>G Udaya Rani</i>
31	G V S Raju	STLW	✓	<i>G V S Raju</i>
32	G. Ramakrishna	IIIT Srirangapatna	✓	<i>G. Ramakrishna</i>
33	G.RajeshBabu	TGPCEET, Nagpur	✓	<i>G.RajeshBabu</i>
34	G.Sandhya Rani	CBIT	✓	<i>G.Sandhya Rani</i>
35	G.Siva Prasad	OBhavanika University	✓	<i>G.Siva Prasad</i>
36	G.Suryanarayana	ATIS, Ra. Sampat	✓	<i>G.Suryanarayana</i>
37	Gangadhara Rao K	CBIT	✓	<i>Gangadhara Rao K</i>
38	GangineniDhananjhay	Narayana Engg. College	✓	<i>GangineniDhananjhay</i>
39	H.Sumathi	KMIT	✓	<i>H.Sumathi</i>
40	HarithaDamarla	MVSR	✓	<i>HarithaDamarla</i>
41	HimayatullahSharief	MJCET	✓	<i>HimayatullahSharief</i>

39 ^{gale} H. Sumathi KMIT Sumathi Haridasyam

No	Full Name	College / Industry Name	Verification of Name	Signature
87	Sama.Balakrishna Reddy	CVR	✓	[Signature]
88	Saritha Bantu	MVSREC	✓	[Signature]
89	Shanti Gunna	BVRITH	✓	[Signature]
90	Spandana Kayetha <i>Spandana Kayetha</i>	CBIT	Spandana Kayetha	[Signature]
91	Subhashini Pallikonda	MVSREC	✓	[Signature]
92	Sumayya Afreen <i>SUMAYYA AFREEN</i>	SCETW	SUMAYYA AFREEN	[Signature]
93	Suneel Kumar Badugu	Andhra University	✓	[Signature]
94	Syed Arafath Ahmed	MANNU	✓	[Signature]
95	Syed Salman Ali	MJCET	✓	[Signature]
96	T Ramalingeswara Rao			
97	T Sandeep			
98	T.Suvarna Kumari	CBIT	T. Suvarna Kumari	[Signature]
99	V Goutham	SMGOLH	✓	[Signature]
100	V.Ravindra Kumar	OUCE	✓	[Signature]
101	Vijay Kumar.A	(NMREC) NMREC	✓	[Signature]
102	Vijaya L Kakula <i>pati</i>	ANTIC	✓	[Signature]
103	Vishnu Bhargav <i>Vishnu Bharghav Reddy</i>	MJCET	✓	[Signature]
104	Vishnu Singh			
105	Yepuri Ramya			

106 Saadiya Khan

MJCET

[Signature]

No	Full Name	College / Industry Name	Verification of Name	Signature
42	Janaiah Boddupally	MVSREC	Janaiah Boddupally	
43	Janakamma Ch	CMRIT	✓	
44	K Chandra Sekhar	MVSREC	✓	K. Chandra
45	K Rajendra Prasad	RGM Engg College	✓	
46	K S Neeraja			
47	K V Ramesh	OVP college of engineering, mgcg	✓	K.V. Ramesh
48	Keerthana Balaji	School of Information Sciences		
49	Keerthi Lingam	CBIT	✓	
50	Kiran Kumar Dharanikota	S.V.E.C	✓	
51	L V L Padma Kumari			
52	L Venu Madhava			
53	M Suleman Basha			
54	Md Numan	MJCET	✓	
55	Meer Arshad Ali	M.J.C.E.T	✓	
56	Meesala Revanth			
57	Miss. Nadaf Mubina Allabaksha	RIT, Islampur	✓	
58	Miss. Bhagat Reshma Chandrakant	RIT, Islampur	✓	
59	Mohammed Amer Tawakkal	JNTUH	✓	
60	Mohd Sherfuddin Khan	KMCEE	✓	
61	Mohd Zareef Affani	MJCET	✓	
62	Munavvara Tahseen	MJCET	✓	
63	N. Laxmi Teja	Stanley College	Munavvara Tahseen	
64	P R Anisha	K.L.G	✓	
65	P Suneetha			
66	P. Sree Vidya	OUCET		
67	P. Prasad Rao	GITAM UNIVERSITY	✓	
68	Pabbathi Swetha Rani	GEC	✓	
69	Pallati Sai Tarun Reddy	CVR	✓	
70	Polineni Tanuja			
71	Ponnavolu Lakshmi			
72	Pranay Gunna	C.V.R University of Louisville	✓	P. Lokhe
73	Puligilla Tejaswi	GITAM	✓	Pranay Tejaswi
74	R Bucha Rao			
75	R Ethiraj	Stanley College	✓	
76	Rajaram Jatothu			
77	Rajashekar Shastry			
78	Ravikanth. O.B			
79	Rishi Sayal	OUCET	✓	
80	Rizwana	GNITC	✓	
81	S Bharthi	S. Bharathi		
82	S Nareesh Kumar	MJCET	✓	
83	S Prabhakar			
84	S. Aleembasha	K.U. Engg Coll	✓	
85	Saumya Padhi	AITS / IIT	✓	
86	Saleem Khan	Deloitte	✓	
	(Repeat) SD Rizwana Farheen	MJCET	✓	
		CVR		

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

Three Day National Workshop on Big Data Analytics (15th -17th, December, 2014)

ORGANIZING COMMITTEE REPORT

Committee: Dias, Public Addressing System Checking/Maintenance

1. Ms. Asia Sultana — *Asia*
7/1/15
2. Mr. Md Riyazuddin
3. Mr. Mohd Sarfaraz Ahmed
4. Mr. Nooruddin

1. Dias Preparation.
2. Name Plates of dignitaries for the Inaugural & Valedictory function was taken care of by the Committee members.
3. Air condition checking was done prior to the commencement of workshop and on each day before and after the session started.
4. Electrical appliances such as Tube lights, Fans etc. were checked frequently.
5. Public Addressing System maintenance & checking such as Handmics, Collar Mics was done from time to time to ensure smooth conduct of the workshop.
6. Communicated with Maintenance Supervisor frequently for acquiring cleanliness.

Mr. Mohammed Sarfaraz Ahmed had taken charge as an Anchor for all the three days of the workshop from 15-12-2014 to 17-12-2014 from the Inaugural Session to the Valedictory session of the workshop.

Ist Day of the Workshop i.e., 15-12-2014:

Session-I:

1. Qirat by Mr. Mohammed Abdul Wajid, Asst. Prof., ITD
2. Welcoming the Dignitaries onto the dias
 - i. Chief Guest and a Keynote Speaker Prof. Dr. A.K. Pujari, Dean, School of Computer & Information Sciences, University of Hyderabad.
 - ii. Guest of Honor Dr. Mir Akbar Ali Khan, Treasurer of Sultan Ul Uloom Education Society
 - iii. Dr. Basheer Ahmed, Advisor Cum Director, MJCET
 - iv. Dr. K.N.Krishnan, Principal, MJCET

v. Ms. Maniza Hijab, Head, Department of Information Technology & also the Convener of the workshop.

vi. Prof. Dr. Uma Dulhare, Associate Head ITD and Coordinator of the workshop.

3. Presentation of Bouquets:

Bouquets were presented to the dignitaries by Ms. Asia Sultana, Assoc. Prof., ITD, Ms. Afshan Kaleem, Sr. Asst. Prof., ITD, Mr. Mohd Riyazuddin, Asst. Prof., ITD.

4. Welcome address by Ms. Maniza Hijab, Head, Department of Information Technology and Convener of the workshop.

5. Workshop Introduction was given by Prof. Dr. Uma Dulhare, Associate Head, ITD and Coordinator of the workshop.

6. Address by Guest of Honor Dr. Mir Akbar Ali Khan, Treasurer, SUES.

Introduction of the Guest of Honor: A Scientist by Profession, Dr. Mir Akbar Ali Khan obtained his Ph.D. degree from Mississippi State University, USA majoring in Entomology. He possesses special knowledge and practical experience in Science, especially in the areas of agriculture and biochemistry. He worked as an Adjunct Professor & Advisor in the areas of Clinical Chemistry, Bio Chemistry, Statistics and Quality Control to UWW program at North Eastern Illinois University, USA and also worked on clinical chemistry at Cook County Hospital, Chicago, USA. He possesses both teaching and extensive laboratory experience. He is a member of American Association of Clinical chemists, Entomological Society of America.

7. Keynote Address by the Chief Guest Prof. Dr. A.K Pujari Ji, Prof & Dean, School of Computer and Information Sciences, University of Hyderabad.

Introduction of the Chief Guest: Dr. A.K. Pujari Ji is a Professor & Dean in the School of Computer and Information Sciences at the University of Hyderabad. Prior to joining UoH, he served at Automated Cartography Cell, Survey of India, and Jawaharlal Nehru University, New Delhi.

He received PhD from the Indian Institute of Technology, Kanpur and MSc from Sambalpur University, Sambalpur. Having 32 years of experience in teaching the post-graduates in several national institutions. He had taught, designed and developed several new courses. The important ones are Data Bases, Theory of Computation, Computer Vision, Computational Geometry, Algorithms, Artificial Intelligence, Computer Based Optimization Techniques, Knowledge Representation & Reasoning, Machine Learning, Data Mining & Data Warehousing, Neural Networks, GIS and Bioinformatics. His Research interest include AI, GIS, Combinatorial Algorithms, Data Mining.

8. Vote of thanks was proposed by **Mr. Mohd Sarfaraz Ahmed**, Assistant Professor, ITD.

9. Announcement was made for High Tea for the dignitaries on stage, Heads, Section Heads of all the departments to join for High tea in the conference hall.

10. Announcement for Tea Break was done for the audience.

Session-II:

1. Session II was taken by Chief Guest and Keynote Speaker Prof. Dr. A.K Pujari, from 10:30AM to 11:30AM.
2. A memento was presented by Prof. Dr. Uma Dulhare, Associate Head ITD, to Chief Guest and Keynote Speaker Prof. Dr. A.K Pujari as a small token of appreciation.

Session-III:

1. Session III was taken by Dr. P. Radha Krishna from Infosys.

Introduction of **Dr. P. Radha Krishna: Dr. PRadhaKrishna** has been in the profession of research, development and technology adoption for about twenty three years. He is currently working as a Principal Research Scientist at Infosys Labs, Infosys Limited, Hyderabad, where he is associated with research projects leading to futuristic information management and analytical solutions.

Prior to joining Infosys, Dr. Krishna served as a faculty at the Institute for Development and Research in Banking Technology (IDRBT - a research arm of the Reserve Bank of India & an associate Institute of University of Hyderabad, and as a scientist at National Informatics Centre (Govt. of India), Bhopal. At IDRBT, he was Advisor to many Public and Private Sector Banks in India for implementation of End-to-End Enterprise-wide Data Warehouse and Business Intelligence solutions.

Dr. Krishna conceptualized numerous research projects in the areas of CRM, social network mining, Web, Sequence, text & image mining, e-check clearing and settlement and financial inclusion, and associated in building innovation labs for leading industries. Dr. Krishna was also a member of IT Advisory Committee, Insurance Regulatory and Development Authority (IRDA), Hyderabad; Organization/programme committee member of several international conferences. He has been a member of Governing Council, AMS School of Informatics, Board of studies, JNTU Hyderabad and Kakinada, and research advisory committees of several academic institutes. Also, he has been a member of the editorial/review board of international journals Information & Management, International Journal of Systems and Service-Oriented Engineering (IJSSOE) and International Journal of Organizational and Collective Intelligence (IJOCI). He is a reviewer of several international journals including IEEE Transactions on Services Engineering, Information Sciences, Data and Knowledge Engineering and Soft Computing.

2. A memento was presented by Ms. Maniza Hijab, Head ITD, to **Dr. PRadhaKrishna** as a small token of appreciation.
3. Announcement was made for the Participants to join for Lunch from 1:00PM to 2:00PM.

Session-IV:

1. Session IV was taken by Dr. V. Ravi, Prof., IDRBT
2. Introduction of **Dr. V. Ravi:Dr. Vadlamani Ravi** is a Professor in the Institute for Development and Research in Banking Technology (IDRBT), Hyderabad since June 2014. He obtained his Ph.D. in the area of Soft Computing from Osmania University, Hyderabad, MS (Science and Technology) from BITS, Pilani and M.Sc. (Statistics & Operations Research) from IIT, Bombay. At IDRBT, he heads the Center of Excellence in CRM and Analytics, first-of-its-kind in India and evangelizes CRM in a big way by conducting customized training programmes for bankers on CRM subsuming OCRM & ACRM; Data Warehousing, Data and Text Mining and conducting POC for banks etc. He published 149 research papers in reputed refereed International Journals, Conferences and Invited Book Chapters. Before joining IDRBT as Assistant Professor in April 2005, he worked in National University of Singapore for three years and in CSIR-IICT and CSIR-CBRI for 14 years as Assistant Director/Scientist E1. He has 26 years of research and 13 years of teaching experience in all areas of analytics.
His research interests include Fuzzy Computing, Neuro Computing, Soft Computing, Evolutionary Computing, Data Mining, Text Mining, Web Mining, Big Data, Privacy Preserving Data Mining, Global/Multi-Criteria/Combinatorial Optimization, Bankruptcy Prediction, Risk Measurement, Analytical Customer Relationship Management (CRM), Fraud Analytics, Sentiment Analysis, Social Media Analytics, Churn Prediction in Banks and firms and Asset Liability Management through Optimization. He serves on the Editorial board of several International Journals and a reviewer for 37 International Journals and a PC Member in numerous International Conferences. He is a Life member of CSI, ORSI, ISPS and MSI; Member of IEEE Computer Society, IEEE Society on Computational Intelligence, ACM. He is an Advisor and Expert Committee member for a few banks and IRDA in their CRM/EDW/Business Analytics/Fraud Analytics Projects.
3. Announcement for Tea Break was made to the audience.

Session-V:

1. Session V was continued by **Dr. V. Ravi** upto 4:25PM.
2. A memento was presented by Prof. Dr. Uma Dulhare to **Dr. V. Ravi** as a small token of appreciation.

Ind Day of the Workshop i.e., 16-12-2014:

Session-I:

1. Introducing CloudWick Technologies CEO to the Audience followed by the theoretical session by CloudWick Technologies.
2. Announcement for Tea Break was made for all the participants from 11:15AM to 11:30AM.
3. Session started from 11:30AM to 1:00PM sharp.

4. A memento was presented to Cloud Wick Technologies CEO as a small token of appreciation.
5. Announcement for Lunch Break was made for all the participants.

Session-II:

1. Session II continued with the Hands on Training from 2:00PM to 4:30 PM
2. Announcement for tea Break was done from 3:00PM to 3:15PM.

IIIrd Day of the Workshop i.e., 17-12-2014:

Session-I:

1. Session I was taken by **Dr. C. Raghavendra Rao, HCU**

Introduction of **Dr. C. Raghavendra Rao**: Dr. C. Raghavendra Rao is a professor in the school of Computer and Information Sciences at University of Hyderabad. He received his Doctorate degree from Osmania University. He holds many positions to his credit. From being an expert member in the UGC Committee to being a Secretary of Indian Society for Rough Sets. He is a member of Board of Studies in the school of Computer Sciences, Vignan University Guntur and other institutions. He has delivered numerous technical talks in various national conferences and is also associated with various Academic activities like Society for Development of statistics, India; Andhra Pradesh Society for Mathematical Sciences, India; Operations Research Society of India; Indian Society for Probability and Statistics, India; Fellow of Society for Sciences; Indian Mathematical Society; Fellow of The Institution of Electronics and Telecommunication Engineers.

2. A memento was presented by Prof. Dr. Uma Dulhare to **Dr. C. Raghavendra Rao** as a small token of appreciation.
3. Announcement for tea break was done from 10:45AM to 11:00AM

Session-II:

1. Session II was taken by **Mr. Vivek Sehgal**, founder & CEO of Lodestone Learning

Introduction of Mr. Vivek Sehgal: Vivek Sehgal, is the founder & CEO of Lodestone Learning. He has done his graduation in B.A.(Hons), Economics from prestigious Shri Ram College of Commerce, New Delhi in 1985 and later on he obtained his Post-Graduate Program in Management from renowned Indian Institute of Management, Ahmedabad in 1987.

He is founder and CEO of Lodestone Learning. Lodestone Learning is the only SAS Accredited Training Centre in Hyderabad. He is also a founder & CEO of IProcess Business Solutions that focuses on the consulting practice &

collaborates with SAS India to provide & implement Analytics solutions to Indian corporates. Vivek Ji, believes that the biggest challenge now a day's organizations face is the endeavor to gain competitive edge from Data Analytics is the talent gap & he is there to lead businesses focused on bridging this gap. He believes that "Data Scientist" being the hottest job of the 21st century is a combination of Maths/Statistics, Data Base Programming, Domain Knowledge, Communication & Visualization skill sets.

2. A memento was presented by Mr. Jubair Basha to **Mr. Vivek Sehgalas** a small token of appreciation.
3. Announcement for Lunch Break was made to all the participants.

Session-III:

1. Session III was taken by **Dr. Rajeev Gupta, Senior Researcher, IBM**
Introduction of **Dr. Rajeev Gupta**: A Senior Researcher at IBM Research, Senior member and eminent speaker of ACM. Dr. Rajeev Gupta has BTech from IIT Kharagpur and PhD from IIT Bombay. His areas of interest are distributed data processing, information extraction, meta data management, big data, and stream computing. He has several research papers at top conferences and journals like VLDB, ICDE, WWW, TKDE, SIGMETRICS, etc. He also has more than 15 patents to his credit.
2. A memento was presented by Ms. Afshan Kaleem to **Dr. Rajeev Gupta** as a small token of appreciation.
3. Announcement for Tea Break was made to all the participants.

Session-IV:

1. Session IV was taken by **Prof. Dr Sameen Fatima**, Dean, OU

Introduction of **Prof. Dr. Sameen Fatima**: **Dr Sameen Fatima** is a Conscientious Academician with a vast experience of about 30 years. Obtaining a Bachelor's degree in Electronics and Communication Engineering from JNTUH, MPhil degree from University of Hyderabad, MS degree in Computer Science from the University of Massachusetts at Amherst, USA, and a PhD from Osmania University in Computer Science and Engineering. Professor Sameen Fatima has an exciting inspiring profile.

She joined the department of Computer Science Engineering in Osmania University during its formative years i.e., in the year 1984. From 1989 to 1994, she worked as a Data Base Administrator at Applied Econometrics, USA and at the Physical Plant at UMASS, USA. She was also associated with BITS PILANI Dubai Campus as a Professor for almost 3 years i.e from the year 2006 to 2009. She is now currently working as a Professor at the Department of Computer Science and Engineering at our university Osmania University College of Engineering. Prof Sameen Fatima is also holding the position of Dean, Faculty of Informatics. She also held several responsible positions at Osmania University.

She was former Head, Department of CSE and Chairperson, Board of Studies. Currently she is also the nodal coordinator for National Board of Accreditation. Having published several research papers in leading international journals & conferences, she served on various technical committees, Editorial boards, Review committees in leading conferences and journals. She also delivered a video lecture on C and data structures for AP State Council for Higher Education under the society of Networking in Engineering Technology. She is a recipient of "Inspiring Teachers Award" from the Teachers Academy of Andhra Pradesh in 2009. Her areas of interest include Information Retrieval Systems, Machine Learning & Text Mining. She is a life member of Computer Society of India.

2. A memento was presented by Ms. Maniza Hijab, Head ITD, to Prof. **Dr. S. Sameen Fatima** as a small token of appreciation
3. Announcement for Tea Break was made to all the participants.

Session-V: Valedictory Function followed by the distribution of certificates.

ABOUT THE INSTITUTION

Muffakham Jah College of Engineering and Technology was established in the year 1980 by Sultan-ul-uloom Education Society, a group formed by visionaries and intellectuals from various walks of life. That tiny acorn has developed into a mighty oak. Today it is a premier institute, offering B.E Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and 5 M.E Courses (CAD/CAM, Structural Engg, Digital systems, Computers & Power Electronics).

ABOUT THE DEPARTMENT

The Department of Mathematics was established in the year 1980 along with the inception of the college. Right from its inception the Department has striven to set high standards of teaching. The Department successfully keeps up with the high-end requirements of Industry and focuses on the professional development of the students. The Department has at present 11 energetic and dedicated faculty members of which four are doctorates and three are pursuing their Ph.D.

ABOUT THE WORKSHOP

The Department of Mathematics is organizing a two day national workshop on MATHEMATICAL TECHNOLOGY for the benefit of teaching faculty. The Workshop will mainly concentrate on Optimization techniques, Probability, Statistics and Differential equations.

Schedule:

27-6-2014	Time	Session
Morning Session	9.30-10.30am	Inaugural session
	10.30-12 Noon	Lecture by Prof.Deepak
Afternoon Session	2.30-4.00pm	Lecture by Prof.Farhatullah Hussainy
28-6-2014	Time	Session
Morning Session	9.30-10.30am	Lecture by Prof.Deepak
	10.30-11.30am	Lecture by Prof. Ashfaqe Jafari
	11.40-12.40pm	Lecture by Prof.Uma Dulhare
	12.40-12.50pm	Vote of Thanks

REGISTRATION FEE:

Faculty from other colleges: Rs.500/-

MODE OF PAYMENT: DD in favour of Principal, MJCET, payable at Hyderabad or spot registration also available for participants.

Accommodation: Out station candidates are requested to make their own arrangements for accommodation.

RESOURCE PERSONS:

Prof. Deepak, BITS, Hyderabad

Prof. Ashfaqe Jafari
MJCET, Hyderabad.

Prof. Syed Farhatullah Hussainy
MJCET, Hyderabad.

Prof. A A Moiz Qaiser
MJCET, Hyderabad.

CONTACT PERSON:

Mr.M A Haleem Rizwan 9866148512
Email: haleemrizwan@mjcollege.ac.in

REGISTRATION FORM

TWO DAY NATIONAL WORKSHOP

On

MATHEMATICAL TECHNOLOGY

27th & 28th June, 2014

Name: _____

Designation: _____

Institution: _____

Address for correspondence:

E-mail ID: _____

Mobile No: _____

Date: _____ Signature

IMPORTANT DATES:

Registration: 9-06-2014 to 26-06-2014

A TWO-DAY NATIONAL WORKSHOP

On

MATHEMATICAL TECHNOLOGY

(27th & 28th June, 2014)



Venue

Seminar Hall, Block IV, MJCET

Organized by

Department of Mathematics

Muffakham Jah
College of Engineering & Technology
(The Sultan-ul-uloom Education Society)
Mount Pleasant, Road No 3,
Banjara Hills, Hyderabad-34

CHIEF PATRON:

Janab Khan Lateef Mohammed Khan
Sahab, Chairman, SUES

PATRON:

Janab Zafar Javeed Sahab,
Hon'ble Secretary, SUES

Advisory Board:

Janab Dr. Basheer Ahmed Sahab,
Advisor-cum-Director, MJCET
Dr K.N Krishnan, Principal, MJCET
Prof. Ashfaque Jafari, Dean (Academics)
Prof. Syed Farhatullah Hussainy,
Dean (Administration)

Convener:

Dr. Abdul Majeed,
Head of Mathematics, MJCET

Coordinators:

Mr. M.A. Haleem Rizwan, Asst Prof
Mr. Mohd Majid Ali, Asst Prof

Committee Members:

Dr. Mohd. Jafer Sadiq, Asst Prof
Mr. M.A. Rawoof Sayeed, Asst Prof
Mrs. Sameena Mujeeb, Asst Prof
Mr. Syed Amanullah Hussaini, Asst Prof
Mr. Mohd Naheed, Asst Prof
Ms. M. Poorvanthi, Asst Prof
Dr. Sk. Nuslin Bibi, Asst Prof

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY

WORKSHOP ON MATHEMATICAL TECHNOLOGY HELD ON 27th & 28th June, 2014

LIST OF PARTICIPANTS

S.No	Name of the faculty	Name of the college
1	S.Bhargavi	VBIT, Hyderabad
2	K.Keshav Kumar	G.Narayanamma Inst of Tech, Hyderabad
3	S.Vasundhara	GNITS, Hyderabad
4	J.Venkat Reddy	Scient Inst of Tech, Hyderabad
5	Ch.Mallanna	Scient Inst of Tech, Hyderabad
6	PVVSS.Krishna	Mahaveer Inst of Science & Tech, Hyderabad
7	D.Rohini	Mahaveer Inst of Science & Tech, Hyderabad
8	B.Swetha	Princeton College of engg, Hyd
9	Dr.M.Aparna	GNITS, Hyd
10	M.Madhu	Palamuru University
11	Dr.P.Raj Reddy	CBIT, Hyd
12	K.Bharathi	Pragathi Degree College
13	Dr.M.Ganeswar Rao	CBIT, Hyd
14	Dr.Abdul Majeed	MJCET, Hyd
15	Dr.M.A.Rawoof Sayeed	MJCET
16	Dr.Jafer Sadiq	MJCET
17	Dr.Syed.Amanullah Hussaini	MJCET
18	M.A.Haleem Rizwan	MJCET
19	Mohd.Majid Ali	MJCET
20	Mohd.Nahed	MJCET
21	Mrs.Sameena Mujeeb	MJCET
22	Dr.Nuslin Bibi	MJCET
23	M.Poorvanthi	MJCET
24	Umair Quadri	MJCET
25	Dr.Hakeem Ahmed	MJCET
26	Mahboob Shaik	MJCET
27	Ilyas Mohiuddin	MJCET
28	Amina sarwar	MJCET
29	Dr.MGV Satyanarayana	MJCET
30	Dr.Aneesa Ferdose	MJCET
31	Ravi Kiran	MJCET
32	Raheem Ahmed	MJCET
33	Prof.Shaik Zameeruddin	MJCET
34	Prof.J.K.Nag	MJCET
35	Raheem Junaidi	MJCET
36	Asrar Ahmed	MJCET

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MATHEMATICS

REPORT

We .have organized a Two day National workshop on mathematical technology on 27th and 28th June, 2014. Total 36 faculty members have been participated from various colleges. The sessions have been conducted as follows.

27-6-2014	Time	Session
Morning Session	9.30-10.30am	Inaugural session
	10.30- 12 Noon	Lecture by Prof.Deepak, BITS, Hyd campus
Afternoon Session	2.30-4.00pm	Lecture by Prof.Farhatullah Hussainy, Dean(Administration), MJCET
28-6-2014	Time	Session
Morning Session	9.30-10.30am	Lecture by Prof.Deepak, BITS, Hyd campus
	10.30-11.30am	Lecture by Prof. Ashfaque Jafari, Dean(Academic), MJCET
	11.40-12.40pm	Lecture by Prof.Uma Dulhare, Dept of IT, MJCET
	12.40-12.50pm	Vote of Thanks

Sd/-

Date: 29th June, 2014

Head, Mathematics



A NATIONAL WORKSHOP ON MATHEMATICAL TECHNOLOGY

June 27th & 28th, 2014

Organized by

Department of Mathematics

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY

(Sultan-ul-uloom Education Society)

Mount Pleasant, Road No 3, Banjara Hills, Hyderabad-34


PARTICIPANT'S CERTIFICATE

This is to Certify that Prof/Dr/Mr/Mrs MOHD ABDUL HALEEM RIZWAN from MJCET has

attended the above workshop held at Seminar Hall, Muffakham Jah College of Engineering & Technology on June 27th & 28th, 2014.


M.A.Haleem Rizwan
Coordinator


Dr. Abdul Majeed
Head, Mathematics


Dr. Basheer Ahmed
Advisor-cum-Director

Duration and Venue

Duration : The duration of the workshop is two weeks (10 working days). It will start on Tuesday 2nd December, 2014 at 9:00 AM and will end on Friday 12th December, 2014 with a day break on Sunday 7th December only. The participants must report to the respective remote centres by 8:00 AM on 2nd December, 2014.

Venue : 242 remote centers located in different parts of the country. The list of participating remote centers are given along with online application form.

Teaching Faculty

Prof. Siddhartha Mukhopadhyay, Department of Electrical Engineering, IIT Kharagpur
email:smukh@ee.ernet.in

Prof. Tapan Kumar Ghoshal, Department of Electrical Engineering, Jadavpur University, Kolkata
email:tkghoshal@gmail.com

Eligibility

The participants must be a regular/visiting faculty in Engineering degree college / Polytechnic / Other degree colleges. They must have at least B.Tech degree or M.Sc. degree (Physics or Mathematics). They should be teaching in departments (Electrical, Instrumentation, I.T, Computer Sc., Mechanical, Civil, Chemical, Aerospace Engineering, Physics and Mathematics), where subjects like Control Systems, Signal Processing, Signals and Systems, Process Control, Flight Control, Dynamics etc. are taught.

Who may benefit

The workshop is likely to benefit regular/visiting faculty colleagues who are teaching subjects like Control Systems, Signal Processing, Signals and Systems, Process Control, Flight Control, Dynamics etc at the undergraduate or the postgraduate level.

Important Notes

It is mandatory that while registering for the workshop, the participants should submit a scanned copy of a letter from the Principal/ Head of the Institute mentioned in our pre-format letter, in the format specified in the website. Registration without this letter will not be considered.

Note

Please note that this workshop is conducted under the CEP IIT Kharagpur. Live recording of the course and other created contents will be released under Open Source through a portal. The recorded CD/DVD of the course lectures will be available for distribution, at cost, to any individual or institution. All participants are required to sign an undertaking for such release of contents contributed by them during and after the workshop. The recognition and citation will naturally be made for all contributors.

Accommodation and other support for outstation participants

Remote Centers are being funded to provide tea/lunch on each day of the workshop, and for accommodation, wherever available, for a limited number of outstation participants. **Travel expenses up to Rs. 1000/- one way and one-time will be reimbursed against proof of actual expenditure, for participants beyond a distance of 100 Km from the Remote Centre.**

Course Fee

Since the workshop is funded by the National Mission on Education through ICT (MHRD, Government of India), there is no course fee for participation.

How to Apply

Those wishing to attend this course should register online <http://www.nmeict.iitkgp.ernet.in/controlsystemsmain.php>
Online registration opens on 14th October, 2014

Address for Communication

Admin Team
Project "T10KT", IIT Kharagpur
Vikramshila Building
Ground floor, Kalidas Auditorium
IIT Kharagpur, Kharagpur-721302
Tel: +91 3222 281497/281070
email:office_nmeict@iitkgp.ac.in



TWO WEEK MAIN WORKSHOP ON CONTROL SYSTEMS

December 2-12, 2014

National Mission on
Education through ICT
MHRD
Govt. of India



Introduction

An important initiative has been taken by IIT Bombay and IIT Kharagpur to work with Engineering Colleges of India to enhance the teaching skills of our faculty colleagues in core Engineering and Science subjects under Train Ten Thousand Teachers programme. Participating teachers attend live lectures at a remote center close to their own college, and also attend tutorial and lab sessions conducted in the same centers. The lecture transmission and live interaction takes place in distance mode using AVIEW technology through internet at the selected remote centers across the country. This initiative is a part of the 'National Mission on Education through ICT,' which is supported by MHRD. Faculty coordinators are appointed at each remote centre to handle the technology infrastructure and other operational logistics. Additionally, for each workshop there will be a Faculty assigned as Workshop Coordinator for that subject, who will help in conducting laboratories and tutorials at each center.

We invite expert faculty members from various remote centers to a five-day 'Coordinators' training workshop' held at IIT Kharagpur or at IIT Bombay, at least two months before the 10 day Main Workshop. The trained Coordinators then act as Workshop Coordinators during the main workshop, liaising between the participants at their Remote Centers and IIT Kharagpur / IIT Bombay from where the lecture is transmitted live. During the main workshop, the Workshop Coordinator at every center supervises the tutorials and laboratories. All the lectures and tutorial sessions are recorded at IIT Kharagpur or at IIT Bombay. The final edited audio-visual contents, along with other course material are released under Open Source. The contents can be freely used later by all teachers and students. Since December 2009, a number of two-week ISTE workshops were conducted on different subjects, namely "Effective teaching/ learning of Computer Programming," "Database Management Systems," "Basic Electronics," "Thermodynamics," "Software Development Techniques for Teachers of Engineering and Science Colleges," "Heat Transfer", "Solar Photovoltaics", "Introduction to Research Methodology", "Engineering Thermodynamics", "Analog

Electronics", "Research Methods in Education Technology", "Signal & Systems" and "Fluid Mechanics". We have reached more than 50,000 teachers and helped them to enhance their teaching skills at around 345 distinct Remote Centers across the country.

In the backdrop of the success of these workshops, we now announce another two-week ISTE workshop on Control Systems during December 02-12, 2014

Course Content and Scope

A Model course plan proposed for "Control Systems" is given below:

Module 1: Basic Concepts: Introduction and significance of Control Systems; Closed and open loop control; Servo and supervisory control; Multi-level (Levels (0-3)) hierarchical structure of a practical control application with examples; A typical feedback control loop; Signals in a control loop : Set point, Control, Disturbance, Feedback, Feedforward, Output, Noise; Component models and their uncertainties; Typical performance issues and implementation challenges of practical control systems.

Module 2: Models and Response: Brief review of time and frequency domain I/O models for LTI SISO Systems. Pole-zero, degree, order, type. Response computation using discretization of CT I/O models. Numerical sensitivity and stability. Block diagram representation of Systems, Block diagram algebra, Mason's gain formula. Superposition. Convolution. Response to standard inputs with arbitrary initial conditions, Steady state and transient response specifications. Bode, Nyquist and Nichol's plots. Frequency domain specifications. Relationship of time and frequency domain specifications. State Space models for LTI SISO Systems: Interrelations with input-output models, similarity transformation, canonical forms. Zero state and zero input response. Computation of system response to arbitrary inputs using the state space model. Eigen values and eigenvectors, Modes of a system; Modeling Approximations of Practical Systems: Approximate Modeling of Nonlinear systems, Time and parameter scales, Fast and slow time-varying systems, Switched and PWM systems, Time delay systems.

Module 3: System Analysis: Concept of stability, equilibrium points, types of stability (local/global, asymptotic/uniform/exponential) with examples. LTI system stability, Internal stability; Routh criterion, Nyquist criterion; Stability margins using Nyquist, Bode and Nichols plot, robust stability. Stability margins for multi-loop systems. Relation with transient response; Root Loci and contours; Computing stability of nonlinear and time-varying systems using LTI stability concepts: Linearization, Liapunov's first (indirect) method.

Module 4: Control Design: Performance specifications, steady state, transient, frequency domain, stability margins, sensitivity and complementary sensitivity; Controller Design Methods: PID control tuning, Model matching, Loop shaping; Lead Lag compensation; Choice of control structure and design algorithm: 1 and 2 dof structures, Internal Model Control, Cascade and Feedforward, Smith Predictor.

Module 5: Implementation, Validation: Sampling of signals, Slow and fast sampling effects; Discretization of continuous time dynamic models; Numerical issues and Computational delay; Digital implementation: Digital processor, Data acquisition; Programming, tools, software validation; MIL/SIL/PIL/HIL Testing.

The workshop shall address issues related to teaching of a one semester Control System course at the undergraduate level, typically at the 3rd year and shall include issues related to:

1. Model syllabus.
2. Lesson planning
3. Learning resources such as examples, simulations, videos, etc.
4. Tests
5. Experiments

It would also include, demonstration class teaching for several lessons covering topics across the syllabus, model tutorials, discussions on laboratory environment and the experiments, in-depth teaching of a few critical concepts meant for the instructor.

REPORT

TWO WEEK ISTE WORKSHOP ON CONTROL SYSTEMS

15 Dec 2014.

A two week ISTE Workshop on Control systems was conducted in MJCET, Electrical and Electronics Engineering Department by Indian Institute of Technology Kharagpur under the mission of National Mission on Education through Information Communication Technology (NMEICT).

As part of this programme two workshops are organized

1. Coordinator workshop which was conducted at IIT KGP during 15th Sep 2014 to 19th Sep 2014 for coordinators.
2. Two week ISTE workshop was conducted for faculty members. Participants attended the Remote Center ID 1032 (i.e., Muffakham Jah College of Engineering and Technology), for two weeks with face to face interaction through A-VIEW from 2nd Dec 2014 to 12th Dec 2014.

Remote Centre Coordinator: Dr. Arifuddin Sohel, Professor, ECE

Workshop Coordinator: Mr. K. Sasidhar, Assistant Professor, EEE

Teaching Assistant: Mr. G. Ravikiran, Assistant Professor, EEE

Number of participants Registered: 45

Number of participants Attended: 29

Some of the photographs of the work shop during the session have been enclosed



TWO WEEK MAIN WORKSHOP ON CONTROL SYSTEMS

Participant's Verification List for certificate

Remote Center Name :- Muffakham Jah College of Engineering & Technology (RC1032)
 Workshop Coordinator's Name :- Mr. Kadiyam Sasidhar
 Remote Center Coordinator's Name :- Mr. Arifuddin Sohel

Sl	RC ID	Participants ID	Participants Name	Institute Name
1	1032	259	Mohammed Umair Quadri	Muffakham Jah College Of Engineering & Technology , Hyderabad
2	1032	263	Jonnalagadda Esvara Muralidhar	Muffakham Jah College Of Engineering & Technology ,Hyderabad
3	1032	267	Praveen Kumar Joshi	Muffakham Jah College Of Engineering & Technology ,Hyderabad
4	1032	345	Mohammed Abdullah	Muffakham Jah College Of Engineering & Technology ,Hyderabad
5	1032	569	Mohd Abdul Muqeet	Muffakham Jah College Of Engineering & Technology ,Hyderabad
6	1032	862	Md Sajid	Muffakham Jah College Of Engineering & Technology ,Hyderabad
7	1032	880	Mohammed Ismail.B	Muffakham Jah College Of Engineering & Technology ,Hyderabad
8	1032	957	Jaffar Mohammed	Muffakham Jah College Of Engineering & Technology ,Hyderabad
9	1032	1646	Potlapalli Bharathi	Muffakham Jah College Of Engineering & Technology ,Hyderabad
10	1032	1868	Annam Nagaraju	Aryabhata Institute Of Technology & Science, R.R. Dist.
11	1032	1891	M A. Sameer	Ayaan College Of Engineering and Technology ,R.R. Dist.
12	1032	2361	Hakeem Aejaz Aslam	Muffakham Jah College Of Engineering & Technology ,Hyderabad
13	1032	2624	Jarapla Dhanraj Pamar	Muffakham Jah College Of Engineering & Technology ,Hyderabad
14	1032	2635	Subhanvali Shaik	Muffakham Jah College Of Engineering & Technology ,Hyderabad
15	1032	2638	Odela Hema Latha	Muffakham Jah College Of Engineering & Technology ,Hyderabad
16	1032	2644	Kamala Sodadasi	Muffakham Jah College Of Engineering & Technology ,Hyderabad
17	1032	2652	Lakshmi Prasanna Ponnala	Muffakham Jah College Of Engineering & Technology ,Hyderabad
18	1032	2766	Mohd Mustafa	Aurora's Scientific Technological & Research Academy,Hyderabad.
19	1032	3540	Asifa Sultana	Nawab Shah Alam Khan College Of Engineering & Technology, Hyderabad
20	1032	3594	V. Rajitha Rani	Aurora's Scientific Technological & Research Academy,Hyderabad.
21	1032	5828	Afroz Mehar	Muffakham Jah College Of Engineering & Technology ,Hyderabad
22	1032	7139	Md Manan Mujahid	Bhaskar Engineering College, R.R. Dist.
23	1032	7143	M. Nalini Devi	Mahatma Gandhi Institute Of Technology, Hyderabad
24	1032	7338	Lakshmi Supriya Penubaka	Mahatma Gandhi Institute Of Technology, Hyderabad
25	1032	7792	Syed Saifuddin	Shaaz College Of Engineering & Technology, R.R. Dist.
26	1032	8515	Mohd Khaled	Deccan College Of Engineering & Technology, Hyderabad
27	1032	8678	Deepthi Amuru	G. Narayanamma Institute Of Technology & Science, Hyderabad
28	1032	9106	Parupalli SriPadma	G. Narayanamma Institute Of Technology & Science, Hyderabad
29	1032	11679	Charakanam Durga Prasad	Government Polytechnic Pillaripattu, Chittoor Dist.

Maintain the same sequence of participants ID as in attendance sheet.