

Meerut Institute of Technology, Meerut

A REPORT ON "Internet of Things"

20th Oct 2015

A one week Workshop on "Internet of Things" was held in the Department of Computer Science and Engineering from 12/10/2015 to 17/10/2015.

The Workshop inaugurated by our patron chief guest Sri Vishnu Saran, Chairman and Director Dr. Sanjeev Maheshwari. This event coordinated by Mr. Amol Sharma. Mr. Sharma coordinator of workshop , welcomed to participant and also briefly described about Workshop and also discussed about Internet of Things and introduced also workshop speakers,

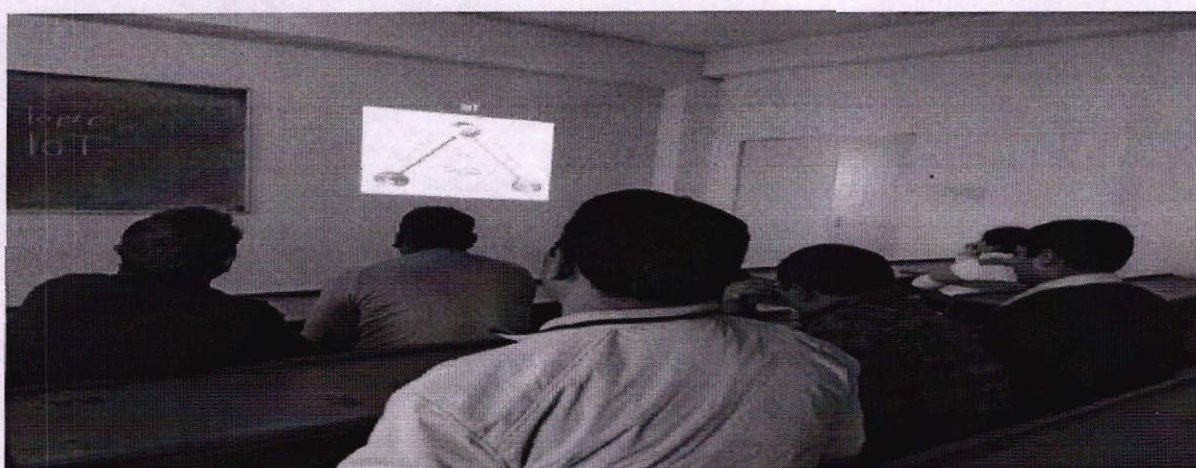
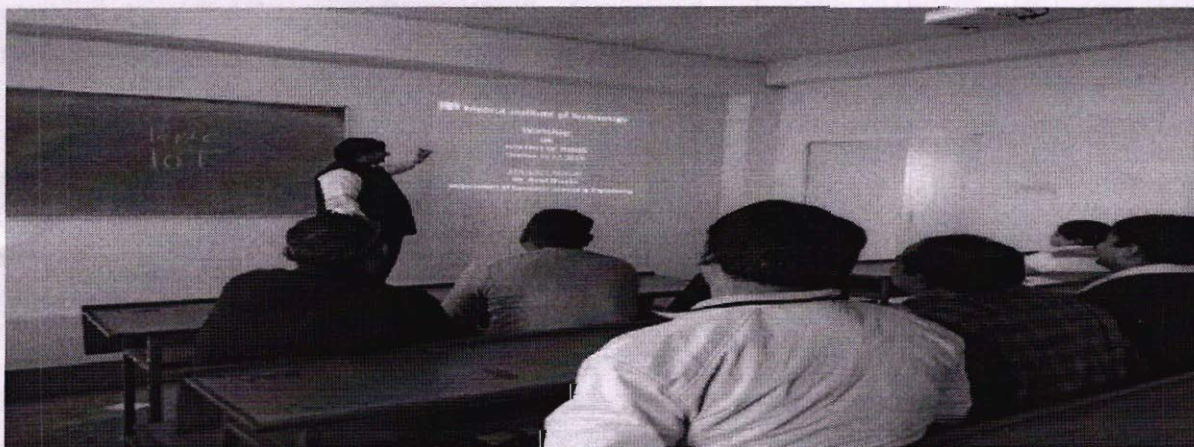
- 1) Dr. Pradeep pant, Professor, Dept. of CSE, MIET Meerut.
- 2) Mr. Jyotirmay Patel Assistant Professor, Dept. of CSE, MIET Meerut.
- 3) Mr. Amol Sharma Assistant Professor, Dept.of CSE MIT Meerut.

In Workshop nineteen Faculty Member participated and also received certificate.

At valedictory ceremony Mr. Amol Sharma, thanked to chairman and director sir for allowing us to organizd the FDP for the faculty member of the department .He also expressed his gratitude to all the speakers and participant for sparing their time for the Workshop.

Schedule of workshop was from 12-17 Oct.2015.

S.No.	Date	1 st Session	Lecture Delivered (Topic)	2 nd Session	Lecture Delivered (Topic)
1	12/10/2015	10:30-1:30	IOT concepts	2 to 4 P.M	IOT Standards
2	13/10/2015	10:30-1:30	Components of IOT	2 to 4 P.M	Relevance of IOT for the future.
3	14/10/2015	10:30-1:30	IOT Applications.	2 to 4 P.M	IOT for smart cities (Case study Smart city
4	15/10/2015	10:30-1:30	IOT for smart cities (Case study Smart city Barcelona)	2 to 4 P.M	IOT in Indian Scenario
5	16/10/2015	10:30-1:30	Challenges in IOT implementation.	2 to 4 P.M	Big Data Management.
6	17/10/2015	10:30-1:30	IOT in Indian Scenario	2 to 4 P.M	Challenges in IOT implementation.



Coordinator

Amol Sharma

Mr. Amol Sharma

About Program

This Workshop is designed to focus on the Internet of Things (IoT) Communication Technology. The current demand for machine-type communications (MTC) has resulted in a variety of communication technologies with diverse service requirements to achieve the modern IoT vision. IoT integrates different technologies and has a non-negligible impact on a variety of applications in different fields. With such capabilities, IoT has also opened interesting research opportunities in practically relevant fields such as healthcare, smart environments, vehicle to vehicle (V2V) communication and manufacturing. This opens a whole new set of interesting research challenges for 5G communication technologies, in terms of overall system design, software implementation, data management, and service deployment.

IoT Technology and Application

D2D Communication

Drivers of 5G

Role of 5G in IoT Technology

Software Defined Network

mmWave Communication for IoT

Massive MIMO

Sensor Designing for IoT Applications

Research Possibilities in IoT

RESOURCE PERSONS

Dr Pradeep Pant

Professor of CSE
(MIET College Meerut.)

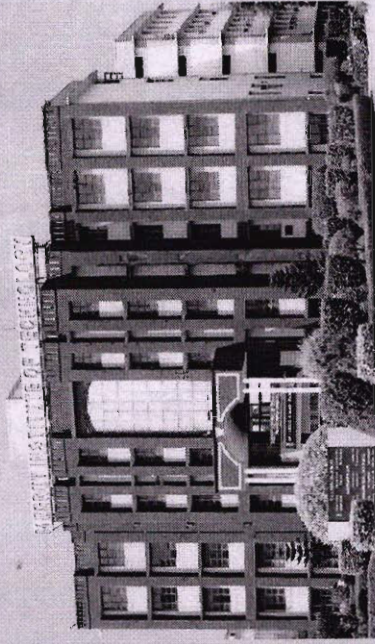
Mr. Jyotirmay Patel

Assistant Professor of CSE
(Meerut Institute of Engineering & Technology)

Mr. Amol Sharma

Assistant Professor of CSE
(Meerut Institute of Technology)

Meerut Institute of Technology



Department of Computer Science & Engineering

Workshop

ON

INTERNET OF THINGS

October 12-17, 2015

Organizing Secretary

Mr. Amol Sharma

Department of Computer Science & Engineering

Website:- mitmeerut.ac.in

NH-58 Baral Partapur Bypass Road, Meerut
Uttar Pradesh 250103

Organizing Committee

Chief Patron

Shri Vishnu Saran
Chairman

Patron (s)

Dr. Sanjeev Maheshwari
Director

Dr. Shishpal Singh
DSW

Coordinators

Mr Ajai Verma, (HOD)

Mr. Mohit Singh

Ms. Shilpi Gupta

Ms. Nidhi Parashar

Meerut Institute of Technology

Organizing Secretary

Mr. Amol Sharma

Department of Computer Science & Engineering

NH-58 Baral Partapur Bypass Road, Meerut
Uttar Pradesh 250103

About the Institute

The trust "Vishnu Education Foundation" was formed in 2007 by Er. Vishnu Sarai, the well known philanthropist. Meerut Institute of Technology, Meerut (MIT, Meerut) was established in 2007. MIT, Meerut is one of the premier institutes in National Capital Region. The Institute have lush green campus and located at NH - 58, Baral Partapur Bypass Road Meerut. The Institute offers various courses in engineering. The Institute is affiliated to Dr. APJ Abdul Kalam University, Lucknow (Formerly known as U.P. Technical University).
The institute offers the institute offers AICTE approved 3.Tech. programs in Computer Science & Engineering, Mechanical Engineering, Electronics & Communication Engineering, and Civil Engineering. The associate departments of the institute also conduct various advanced training programs on various programming languages like C, C++, and JAVA for the students of various streams. In addition to that, various other training programs also offered to the students by different streams in AUTO CAD, and ANSYS, to make them workplace ready as per contemporary needs.

About the Department

The Department of Computer Science & Engineering was established in 2007, in Meerut Institute of Technology, Meerut. The Department of Computer Science & Engineering offers B.Tech, in Computer Science & Engineering. The department has well qualified faculty, support staff and well equipped laboratories. The department is fully equipped with the infrastructure and laboratories to deliver the best possible knowledge. Apart from the curricular, and extracurricular activities, department regularly organizes lectures on various technical and non-technical topics of eminent academicians, industrial experts and alumni for the faculty members and students. In addition to that, the department also organizes various training program through various online platforms like AMCAT Assessment and ADOBE. The faculty members are actively involved in research & development and also publishing their research papers in various journals and conferences. The department has class rooms and seminar hall with ceiling mounted projectors and internet facilities. The laboratories are well equipped with latest equipments and computers. All the computer laboratories are well connected through internet and supported by uninterrupted power supply.

Meerut Institute of Technology

Department of Computer Science & Engineering
Workshop

ON

INTERNET OF THINGS

October 12-17, 2015

Registration Form

Name Dr./Mr./Mrs. :

(in Block letters)

Designation :

Organization :

Address :

.....

.....

Mobile:

Email-Id:

Signature of the Applicant

MEERUT INSTITUTE OF TECHNOLOGY, MEERUT, UTTAR PRADESH

ONE WEEK WORKSHOP ON **Internet of Things**
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Attendance sheet from 12-17 October-2015

S.No.	Name of participant	Name of Institute	Designation	Signature						
				12	13	14	15	16	17	
1	Mr. Ajai Verma	MIT, Meerut	A.P	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
2	Mr. Mohit Singh	MIT, Meerut	A.P	M	M	M	M	M	M	M
3	Mr. K.N. Tripathi	Meerut Institute of Technology		Kondar	Kondar	Kondar	Kondar	Kondar	Kondar	Kondar
4	Ms. Nidhi Parshar	MIT, Meerut		Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
5	Ms. Shilpi Gupta	M.I.T, Meerut	A.P	Shilpi	Shilpi	Shilpi	Shilpi	Shilpi	Shilpi	Shilpi
6	Ms. Nitasha Varshney	MPT, Meerut	AP	Nitasha	Nitasha	Nitasha	Nitasha	Nitasha	Nitasha	Nitasha
7	Mr Suresh Kumar	MIT, Meerut	A.P	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh
8	Mr Ayush Singhal	Meerut Institute of Technology, Meerut	A.P.	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
9	Mr. Amit Singh sanger	MIT, Meerut	A-P	Amit	Amit	Amit	Amit	Amit	Amit	Amit
10	Mr Kamal Chauhan	MIT, Meerut	A.P.	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal
11	Mr Deepak Yadav	MIT, Meerut	AP	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
12	Mr Prateek Vashishtha	MIT, Meerut	A-P	Prateek	Prateek	Prateek	Prateek	Prateek	Prateek	Prateek
13	Ms. Aditi sharma	Meerut Institute of Technology	Asst. Professor	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi
14	Ms. Akansha Jain	MIT, Meerut	A.P	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha
15	Mr Vinit Singh	MIT, Meerut	A.P.	Vinit	Vinit	Vinit	Vinit	Vinit	Vinit	Vinit
16	Mr Archit Rastogi	MIT, Meerut	A.P	Archi	Archi	Archi	Archi	Archi	Archi	Archi
17	Mr Ashish Chauhan	Meerut Institute of Technology	Asst. Professor	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish
18	Ms Tanvi Gupta	Meerut Institute of Technology	Asst. Professor	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi
19	Mr Umesh Gupta	MIT, Meerut	Asst. Professor	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh

Kondar

Meerut Institute of Technology Certificate

Workshop

on Internet of Things

This is to certify that Mr./Ms./Dr./Prof. VINIT SINGH
of Computer Science & Engineering..... has participated in Six Days

"Workshop on Internet of Things" from 12 Oct. 2015 to 17 Oct. 2015 organized by

Department of Computer Science & Engineering.

Amit Sharma

Coordinator

Suryeew

Director

Meerut Institute of Technology Certificate

Workshop on Internet of Things

This is to certify that Mr./Ms./Dr./Prof. DEEPAK YADAV
of Computer Science & Engineering..... has participated in Six Days

"Workshop on Internet of Things" from 12 Oct. 2015 to 17 Oct. 2015 organized by

Department of Computer Science & Engineering.

Anil Sharma

Coordinator

Sunjeet

Director

Meerut Institute of Technology, Meerut
A REPORT ON
ONE WEEK FDP PROGRAM ON CLOUD COMPUTING

21th March 2016

A one week faculty development programme on “CLOUD COMPUTING was held in the Department of Computer Science and Engineering from 14/03/2016 to 19/03/2016.

The FDP inaugurated by our patron chief guest Sri Vishnu Saran, Chairman and Director Dr. Sanjeev Maheshwari. This event coordinated by Mr. Amol Sharma. Mr. Sharma coordinator of FDP welcomed to participant and also briefly described about Faculty development Program and also discussed about cloud Technology and introduced also FDP speakers,

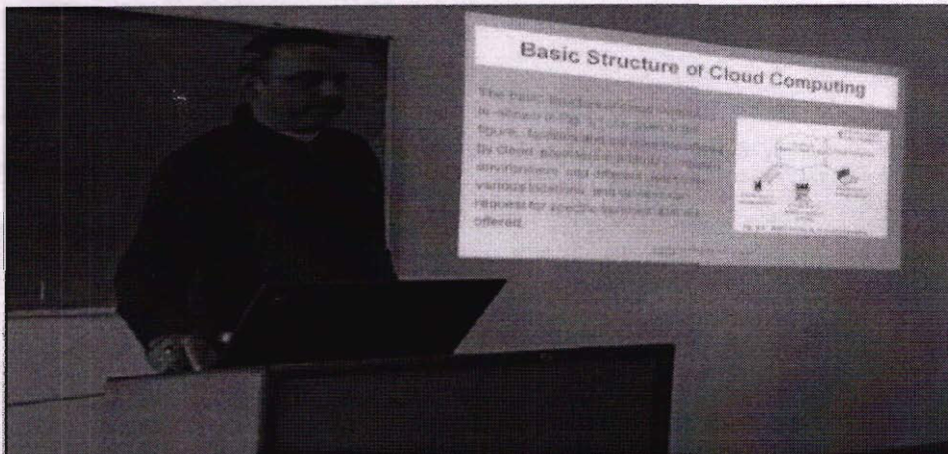
- 1) Mr. Abhilash Sharma, Assistant Professor, Dept. of CSE, MIET Meerut.
- 2) Mr. Ramendra Sharma Assistant Professor, Dept of CSE, MIET Meerut.
- 3) Mr. Suresh Sharma Assistant Professor, Dept. of CSE, MIT Meerut.

In FDP nineteen Faculty Member participated and also received certificate.

At valedictory ceremony Mr. Amol Sharma, thanked to chairman and director sir for allowing us to organized the FDP for the faculty member of the department. He also expressed his gratitude to all the speakers and participant for sparing their time for the FDP.

Schedule of workshop was from 14-19 March.2016.

S.No.	Date	1 st Session	Lecture Delivered (Topic)	2 nd Session	Lecture Delivered (Topic)
1	14/03/2016	11-1 P.M	Defining cloud computing	2 to 4 P.M	Cloud computing overview
2	15/03/2016	11-1 P.M	Delivering services from the cloud	2 to 4 P.M	Key drivers of cloud computing solutions
3	16/03/2016	11-1 P.M	Evaluating barriers to cloud computing	2 to 4 P.M	Exploiting Software as a Service (SaaS)
4	17/03/2016	11-1 P.M	Characterizing SaaS	2 to 4 P.M	Delivering Platform as a Service (PaaS)
5	18/03/2016	11-1 P.M	Deploying Infrastructure as a Service (IaaS)	2 to 4 P.M	Building a Business Case
6	19/03/2016	11-1 P.M	Migrating to the Cloud	2 to 4 P.M	Amazon AWS, Microsoft Azure.com



Coordinator

Amol Sharma

Mr. Amol Sharma

MEERUT INSTITUTE OF TECHNOLOGY, MEERUT, UTTAR PRADESH

ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON CLOUD COMPUTING.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Attendance sheet from 14-19 March-2016

S.No.	Name of participant	Name of Institute	Designation	Signature					
				14	15	16	17	18	19
1	Mr. Ajai Verma	MIT, Meerut	A.P.						
2	Mr. Mohit Singh	MIT, Meerut	A.P.						
3	Mr. K.N. Tripathi	MIT, Meerut	ASSISTANT PROFESSOR						
4	Ms. Nidhi Parshar	MIT, Meerut	A.P.						
5	Ms. Shilpi Gupta	M.I.T., MEERUT	A.P.						
6	Ms. Nitasha Varshney	M.P. Meerut	AP						
7	Mr Suresh Kumar	MIT, Meerut	SPEAKER	---	---	---	---	---	---
8	Mr Ayush Singhal	M.I.T., Meerut	ASSISTANT PROFESSOR						
9	Mr. Amit Singh sanger	M.I.T., Meerut	A.P.						
10	Mr Kamal Chauhan	M.I.T., Meerut	Asst. Prof.						
11	Mr Deepak Yadav	MJT, Meerut	AP						
12	Mr Prateek Vashishtha	MIT, Meerut	D.P.						
13	Ms. Aditi sharma	MIT, MEERUT	ASSISTANT PROFESSOR						
14	Ms. Akansha Jain	MJT, Meerut	A.P.						
15	Mr Vinit Singh	MIT, Meerut	A.P.						
16	Mr Archit Rastogi	MIT, Meerut	Asst. Prof.						
17	Mr Ashish Chauhan	Meerut Institute of Technology	Asst. Profess.						
18	Ms Tanvi Gupta	MIT Meerut	Assistant Professor						
19	Mr Umesh Gupta	MIT, Meerut	Asst. Professor						

Signature of HOD (A-001)

About Program

This FDP is designed to focus on the Cloud Computing is the delivery of computing services such as servers, storage, databases, networking, software, analytics, intelligence, and more, over the Cloud (Internet). Cloud Computing provides an alternative to the on-premises data centre. With an on-premises data centre, we have to manage everything, such as purchasing and installing hardware, virtualization, installing the operating system, and any other required applications, setting up the network, configuring the firewall, and setting up storage for data. After doing all the set-up, we become responsible for maintaining it through its entire lifecycle.

But if we choose Cloud Computing, a cloud vendor is responsible for the hardware purchase and maintenance. They also provide a wide variety of software and platform as a service. We can take any required services on rent. The cloud computing services will be charged based on usage.

RESOURCE PERSONS

Mr. Abhilash Sharma

Assistant Professor of CSE
(MIET College Meerut.)

Mr. Ramendra Singh

Assistant Professor of CSE
(Meerut Institute of Engineering & Technology)

Mr. Suresh Kumar

Assistant Professor of CSE
(Meerut Institute of Technology)

Organizing Committee

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Shri Vishnu Saran
Chairman

Patron (s)

Dr. Sanjeev Maheshwari
Director

Dr. Shishpal Singh
DSW

Coordinators

Mr Ajai Verma, (HOD)

Mr. Ayush Singhal

Ms. Shilpi Gupta

Ms. Nidhi Parashar

Ms. Aditi Sharma

Meerut Institute of Technology

Organizing Secretary

Mr. Amol Sharma

Department of Computer Science & Engineering

**NH-58 Baral Partapur Bypass Road, Meerut
Uttar Pradesh 250103**

Meerut Institute of Technology



Department of Computer Science & Engineering

**One Week Faculty Development
Program**

ON

CLOUD COMPUTING

March 14-19, 2016

Organizing Secretary

Mr. Amol Sharma

Department of Computer Science & Engineering

Website:- mitmeerut.ac.in

**NH-58 Baral Partapur Bypass Road, Meerut
Uttar Pradesh 250103**

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Meerut Institute of Technology

Department of Computer Science & Engineering
One Week Faculty Development
Program

ON

CLOUD COMPUTING

March 14-19, 2016

Registration Form

Name Dr./Mr./Mrs. :

(in Block letters)

Designation :

Organization :

Address :

.....

.....

Mobile:

Email-Id:

Signature of the Applicant

Meerut Institute of Technology Certificate

Faculty Development Program

on

Cloud Computing

This is to certify that Mr./Ms./Dr./Prof. S.HILPA. G.U.P.T.A. Assistant Prof.
of Computer Science & Engineering.....Meerut..... has
participated in 06 Days Faculty Development Program on "Cloud
Computing" organized by Department of Computer Science & Engineering
from 14/03/2016 to 19/03/2016.

Amal Sharma.
Coordinator

Suryew
Director

Meerut Institute of Technology Certificate

Faculty Development Program

on

Cloud Computing

This is to certify that ^{Prof.} Mr./Ms./Dr./Prof. K.A.M.A.L. CHAUHAN, Assistant
of Computer Science & Engineering, Meerut, has
participated in 06 Days Faculty Development Program on "Cloud
Computing" organized by Department of Computer Science & Engineering,
from 14/03/2016 to 19/03/2016.

Arun Sharma

Coordinator

Sunjeet

Director