



Amrutvahini College of Engineering, - Sangamner - **Department of Electronics Engineering**

- Organizes -

Workshop

on

“Internet of Things (IoT) for Smart cities”

On 17th Jan 2017

- Targeted Audience -

Faculty and Students of Engineering Institutes

• Resource Person •
Dr. MaheshKumar Kolekar,
IIT, Patana

Session Objectives:

- Understand the definition and significance of the Internet of Things
- Discuss the architecture, operation, and business benefits of an IoT solution
- Examine the potential business opportunities that IoT can uncover
- Explore the relationship between IoT, cloud computing, and big data
- Identify how IoT differs from traditional data collection systems

Session Outcomes:

On successful completion of this course, student will be able to:

- 1 Understand the application areas of IOT ·
- 2 Realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks ·
- 3 Understand building blocks of Internet of Things and characteristics.
- 4 Explored to the interconnection and integration of the physical world and the cyber space.
- 5 To design & develop some IOT based prototypes.

AE/ELEX/2784/2016-17

Date: 17/12/2016

Chief Patrons:

Hon. Shri Balasaheb Thorat
MLA and Ex. Minister of
Revenue, Govt. of Maharashtra
and President, AVS&SV Sanstha,
Sangamner

Hon. Dr. Sudhirji Tambe,
MLC, Maharashtra State and
Trustee, AVS&SV Sanstha,
Sangamner,

Patrons:

Shri A. B. Shinde,
Chief Executive, AVS&SV
Sanstha, Sangamner.

Prof. V. B. Dhumal
Manager, AVS&SV Sanstha

Dr. M. A. Venkatesh
Principal, AVCOE, Sangamner

Prof. A. K. Mishra
Vice Principal, AVCOE,
Sangamner

Convener:

Prof. S.S.Gundal
H.O.D., Department of Electronics
Engineering

Co-ordinator:

Prof. S. S.Katariya
Prof. S. B. Rahane

State Level Workshop on

"INTERNET of THINGS (IoT) FOR SMART CITIES"

Sponsored by
Savitribai Phule Pune University, Pune

Dear Sir/ Madam,

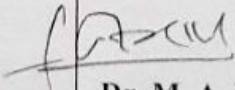
On behalf of Amrutvahini College of Engineering, it gives me an immense pleasure to invite you all for one day State Level Workshop on "Internet of Things (IoT) for Smart Cities" on 17th January 2017. The workshop is sponsored by Savitribai Phule Pune University.

The Workshop is intended for students in the technical streams irrespective of discipline, college and university from all over the state. The workshop will focus on "Internet of Things (IoT)" using IT technology and tools.

We await for enthusiastic participation of the students from your esteemed institute and assure that the workshop will give the participants opportunity to create new ideas.

Thanking you,

With regards,


Dr. M. A. Venkatesh
Principal *h o/c*

IMPORTANT DATES

Workshop Date : 17th January 2017
Registration Fee : Rs. 100/-

SCHEDULE

Registration : 9:00 am to 9:30 am
Inauguration and Keynote : 9:30 am to 10:30 am
Start of Session : 10:30 am Onwards

REGISTRATION FORM

Name : _____

Branch : _____

Institution : _____

Address : _____

Email Id : _____

Tel. No./ Mob. No. : _____

Signature of Candidate: _____

Registration Process : Participants should mail scanned copy of registration form to avcoelex@gmail.com on or before 17th January 2017

(Both Online and Offline registration are mandatory)



Savitribai Phule Pune University



Amrutvahini COE, Sangamner

ONE DAY STATE LEVEL WORKSHOP ON

"INTERNET of THINGS (IoT) for SMART CITIES"

17th JANUARY, 2017

- Sponsored By -
Savitribai Phule Pune University, Pune



- Organized By -

Department of Electronics Engineering
Amrutvahini College of Engineering

Amrutnagar, Sangamner
Dist : Ahmednagar (M. S.) - 422605

ABOUT AVCOE

Amrutvahini College of Engineering, Sangamner was established in year 1983 by "Amrutvahini Sheti & Shikshan Vikas Santha, Amrutnagar, Sangamner" under the visionary and pragmatic leadership of **Hon'ble Late Shri. Bhausaheb Thorat**, Freedom fighter and doyen of cooperative movement.

The institute is approved by AICTE and is permanently affiliated to SPPU, and Three times accredited by NBA, New Delhi. AVCOE is awarded "A grade" by NAAC in 2016. Moreover our college is ISO 9001:2008 certified. AVCOE offers 8 different disciplines along with Seven PG courses along with center for PhD in Mechanical Engineering. This institute is awarded as "Best Engineering College" in 2009 by University of Pune and Ranked in First Ten by many national level technical magazines and news bulletins.

ABOUT DEPARTMENT OF ELECTRONICS ENGINEERING

The Electronics Engineering department was started in 1986-87. Currently it is running with intake of 60 in the academic year 2016-2017. The department is accredited by National Board of Accreditation, New Delhi. The department has introduced ME (Digital System) in the year 2011 with the intake of 24.

The department has highly qualified staff and state-of the-art laboratories with latest software. The department has special equipment like logic analyzer, spectrum analyzer, modern drives, PLCs. The department has established a Center of Excellence with TEXAS Instruments, Bangalore. Also MOU is signed with METALIS, Pune, Copper Track Industries, Nashik.

ABOUT WORKSHOP

The objective of the workshop is to introduce participants about Internet of things (IoT) for smart city applications such as Residential E-meters, Smart street lights, Pipeline leak detection, Traffic control etc.



CHIEF PATRONS

Hon. Shri Balasaheb Thorat

MLA & Ex. Minister of Revenue, Govt. of Maharashtra
President, AVS&SV Sanstha, Sangamner

Hon. Dr. Sudhirji Tambe

MLC, Maharashtra State
Trustee, AVS&SV Sanstha, Sangamner

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Manager, AVS&SV Sanstha, Sangamner

Dr. M. A. Venkatesh

Principal, AVCOE, Sangamner

Prof. A. K. Mishra

Vice Principal, AVCOE, Sangamner

CONVENER

Mrs. S. S. Gundal

Head, Department of Electronics Engineering

CO-ORDINATOR

Mrs. S. S. Katariya 7387688222

Mr. S. B. Rahane 9850171053

ORGANIZING COMMITTEE

FACULTY MEMBER	MOB. NO.	FACULTY MEMBER	MOB. NO.
Mr. V. S. Ubale	9028163298	Mr. V. B. Shinde	7588025344
Mr. M. P. Dongare	9860597079	Mr. R. B. Sathe	9975626527
Mr. B. N. Bansode	7709561052	Mr. S. K. Choudhary	8055680441
Mr. R. B. Sonawane	9552330160	Miss. K. M. Pagire	9011112789
Mrs. M. T. Kanawade	9423461838	Mr. P. S. Bhosale	9021972948
Mrs. V. S. Phatangare	9921754330	Mrs. S. B. Dighe	7588169749



Amrutvahini Sheti & Shikshan Vikas Sanstha's
**Amrutvahini College of Engineering,
Sangamner**
Department of Electronics Engineering
In Association with



SPPU, Pune

ORGANIZES

A STATE LEVEL WORKSHOP ON

INTERNET OF THINGS (IOT) FOR SMART CITIES

on Tuesday 17th January, 2017 at 10:00 am.

- Inauguration By -

Hon. Shri. Balasaheb Thorat

MLA, Ex. Minister of Revenue, Govt. of Maharashtra.
President, A.S.&S.V. Sanstha, Sangamner.

- Presided Over By -

Hon. Dr. Sudhirji Tambe

MLC, Graduate Constituency, Maharashtra.
Trustee, A.S.&S.V. Sanstha, Sangamner.

- Chief Guest -

Dr. Maheshkumar Kolekar, IIT, Patna

- Guest of Honour -

Dr. R.B. Naik, MIT, Aurangabad

- Industry Expert -

Er. Asif Hussain, EdGate Technologies, Bangalore

Venue - MBA Conference Hall

Prof. A. K. Mishra

Vice Principal
AVCOE
Sangamner

Dr. M.A. Venkatesh

Principal
AVCOE
Sangamner

Prof. V.B. Dhumal

Manager
A.S. & S.V. Sanstha
Sangamner

Mr. A.B. Shinde

Chief Executive
A.S. & S.V. Sanstha
Sangamner

Er. S.B. Rahane

Co-Coordinator

Er. S.S. Katariya

Coordinator

Er. S.S. Gundal

Convener & H.O.D. [Elex.]

SCHEDULE

Time	Details
09.00 am to 10.00 am	Registration
10.00 am	Welcome Speech and Saraswati Poojan
10.05 am	Introduction and Felicitation of Guests
10.15 am	Speech by H. O. D.
10.20 am	Speech by Principal
10.30 am	Keynote address by Chief Guest
11.30 am	Vote of Thanks
11.35 am – 01.00 pm	Lab Session-I
01.00 pm – 02.00 pm	Lunch Break
02.00 pm – 03.30 pm	Lab Session-II
03.30 pm – 03.45 pm	Tea Break
03.45 pm - 05.30 pm	Lab Session-III
05.30 pm	Valedictory function

Amrutvahini Sheti and Shikshan Vikas Sanstha's
Amrutvahini college of Engineering, Sangamner 422608

Department of Electronics Engineering

Participant's Attendance List

Date: 17/1/2017

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
1 ✓	Kulkarni Nikita D.	D-72, Hanuman Nagar, Sakhle, Adgaon Road, Nashik COE	7385499494	
2 ✓	Rudranshi Shehal S.	N-32, R-1, 613, Ranaprotap chowk, R.H. Sapot, Nashik	9096058962	
3 ✓	Akshay Chaudhari	Shri Gulab Rao Deokar (C.E.) Talgaon	9175631162	
4 ✓	Deshmukh Aakanksha A.	41, Bhavsangam Soc., Thakkar Ro-house, Karnal Nagar, Hirawadi, Nashik-3 R.H. Sapot	8698096204/9923137106	
5 ✓	Swarni Punam Vijayanand	R.N.676, M.H.B colony, Samru Nagar, Sautpur colony, Sautpur R.H. Sapot	9657645380	
6 ✓	Kamble Aditi D.	9, Mahakarmi Plaza, Lam Road, Nasik Road, Nasik R.H.S. COE	7058844801	
7 ✓	Dhanashri Chaudhari	Shriham Sadhna Trust COE	8007452888	
8 ✓	Karandale Sagar. N.	145 1A1 'SAGAR NIWAS' Darewadi - A' Nagar, Adsul technical COE	9730774488	
9 ✓	Shaikh Mubeen K	Mukundnagar, A' Nagar Adsul technical campus COE	9814999819	
10 ✓	Amit Grade	Shri Gulab Rao Deokar COE Talgaon	9467000674	

Coordinator

Dr.M.A.Venkatesh

Principal
PRINCIPAL
Amrutvahini College of Engg.
SANGAMNER - 422 608
Dist.-Ahmednagar (M.S.)

Amrutvahini Sheti and Shikshan Vikas Sanstha's

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Department of Electronics Engineering

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Date: 17/1/2017

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
11 ✓	Pathan salim yusuf	A.P. Rahuri Tal:- Rahuri, A.nagar. College:- Adsul COE.	9096409844 / 9272298644	
12 ✓	Manisha Parbade	M.I.T. Aurangabad.	9762612937	
13 ✓	Karande Tushar Gangaram	Shastri Nagar, Kedgaon Ahmednagar. Adsul college	9158353333	
14 ✓	Pathan Irfan Dastagir.	Savedi, A.nagar Adsul COE.	9503789898.	
15 ✓	Mayur Patani	M.I.T. Aurangabad.	8087699709	
16 ✓	Ajbe Ganesh B.	Mukundnagar, A.nagar, Adsul technical campus COE	7841030246	
17 ✓	Sonawane Yogesh. R.	J-2, Gopalnagar, Amrudham Bachvari Nashik GESCOE	8888798077	
18 ✓	Sarode Amolk.	A.P. - Pimpalwandi, Tal. - Junnar dist Pune. Jaihind COE	9730719859	
19 ✓	Harshvardhan Shelke	Shreyash COE, Aurangabad	9545855553	
20 ✓	Aragade Sahul Baji	CAIPF Manchar Tal. - Cambaygan dist - Pune. Jaihind COE	9975800870	

Coordinator

Dr. M.A. Venkatesh

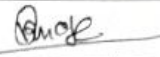
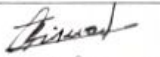
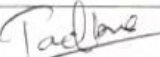
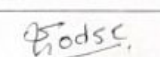
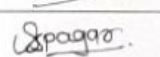
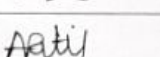
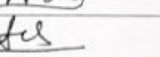
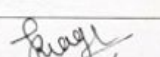
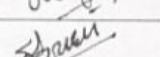
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Department of Electronics Engineering

Participant's Attendance List

Date: 17/1/2017

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
21	Dhage Vaishnavi	Vijay Nagar, D. camp, Nashik gokhale education R.H. Sapat COE	9527236889	
22	Gaikwad Trupti	At Post Lahavit, Tal & Dist Nashik gokhale education R.H. Sapat COE	7385996454	
23	Patil Lokesh	GFS Godavari COE, Jalgaon	7507920346	
24	Deshmukh Pallavi	College road, Nashik R.H. Sapat COE	9423724811	
25	Godse Kirti M.	Sansari gaon, Deolali camp, Nashik. R.H. Sapat COE	9503156015	
26	Pagar Suchita S.	R.No.138, Jadhav Sankul, Mauli Niwas Nashik. Gokhale edu COE	8698854152	
27	Patil Ashwini V.	Vijay Nagar, Aurangabad Nashik, R.H. Sapat COE Nashik.	9404604323	
28	Tane Archana H.	At Post Chandan, Tal-Miphad Dist - Nashik R.H. Sapat COE	9028355307	
29	Wagh Shital R	At Post Naitale Tal-Miphad Dist - Nashik R.H. Sapat COE	9890608078	
30	Jadhav Harshada S	Plot No.8, Pittrukhaya Niwas, R.H. Sapat Shantinagar, M. bad Road, Nsk	8888619234	


S.S. Gundal
Coordinator

Dr.M.A.Venkatesh

Principal
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Department of Electronics Engineering

Participant's Attendance List

Date: 17/11/2017

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
31✓	Akash A. Shrivastav	saras nager, behind market yard Adswitech	7709251997	Akash
32✓	R.C. Khan	ATC A. Nagar	9975986317	R.C.
33	Mahale Vishal A.	GFS Godavari COE, Jalgaon	7743901917	Mahale
34✓	Sagar Vikram R	Sakur, Sangamner VNCOE	9763484625	Sagar V.R.
35	Phatangre Pramod A.	Akelapur, Sangamner. VNCOE	725204369	Pramod Phatangre
36	Harshad Pramod Patil	GFS Godavari COE Jalgaon.	9028761179	Harshad
37✓	Mandlik Anil B.	A/P Gardani. Tal. Akole Dist. A. Nagar pravarur Rural COE	9762826440	Anil
38✓	Patil Prafull. P.	A/P-Chikhali, Tal-Sangamner Dist. A. Nagar pravarur Rural COE	9423409445	Prafull
39✓	Rahane Aniket V.	A/P-Chandanapuri pravarur Rural Tal-Sangamner, Dist-A. Nagar	9623127712	Aniket
40	Katinpramo Patil	GFS Godavari, COE Jalgaon	8390216074	Katin P.

M. S. S. S. S.
Coordinator

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Date: 17/1/2017

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
41	Vazepe Sanjivani Bajirao	AP- Nimgaon Tembhi Tal-sangam- ner A Nagar V.NCOE Beta	9038328367	<i>Vazepe</i>
42	Hande Sonali Shanad	At:- Manyale, Tal:- Akole Dist:- A. Nagar V.NCOE Beta	9146971589	<i>Hande</i>
x 43	Sadhav Harshala Satish	Plot No.8, Pitruchnaya Niwas, Makhamalabad Road, Nashik R.H. Sapat	8888619234	<i>Sadhav</i>
44	Jedgule Sagar Suresh	A/P KUDAN Tal Junnar Dist Pune. SCOE	9096197296	<i>Sagar</i>
45	Janorkar Shrikant Harish	N/2/127 Shivaji Chowk old cidco Nashik R.H. Sapat COE	8605305043	<i>Janorkar</i>
46	Baviskar Snehal Shashikant	Sai Sagar R.H. No. 2, Dhule Nagari, Jailroad Nashik R.H. Sapat	9822396717	<i>Baviskar</i>
47	Tanpure Amruta	Loni, Tal- Rahata SCOE Pahuri	8554934818	<i>Amruta</i>
8				
9				
10				

Mrs. S. Gundal
Coordinator

Dr. M.A. Venkatesh
M.A. Venkatesh
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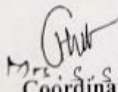
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Date: 17/1/2017

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
1	Jadhav Sayali P.	AVCOE, Sangamner	9657836716	Sayali
2	Bandawane Pranjal	AVCOE, Sangamner	9657319552	Pranjal
3	Kavitate Pratiksha	AVCOE, Sangamner	9860138807	Pratiksha
4	Shinde Mayuri	AVCOE, Sangamner	9970622265	Shinde
5	Gawade Snehal	AVCOE, Sangamner	9175885813	Snehal
6	Mahajan Lavati	AVCOE, Sangamner	9168129392	Lavati
7	Naikwadi Vrushali	AVCOE, Sangamner	9823726628	Vrushali
8	Wale Abhikesh	AVCOE, Sangamner	9404801084	Abhikesh
9	Rupkar Mohini	AVCOE, Sangamner	7447844090	Mohini
10	Patil Pooja A	AVCOE, Sangamner	9096753524	Pooja


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Participant's Attendance List

Date: 17/1/2012

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
11	Shermale Mayur	AVCOE	9604676505	<i>Shermale</i>
12	Kasar Nikhil S.	AVCOE, Sangamner.	9833890057	<i>Kasar</i>
13	Vinchu Satish A.	AVCOE, Sangamner.	7709770457	<i>Vin</i>
14	Dande Shubham P.	AVCOE, Sangamner	8308863789	<i>S. Dande</i>
15	Kanawade Sandip	AVCOE, Sangamner	8551089507	<i>S. Kanawade</i>
16	Bhangase Kirti P.	AVCOE, Sangamner	9766822119	<i>Bhangase</i>
17	Memane Azhi	AVCOE, Sangamner	9172633548	<i>Memane</i>
18	Pawase Monalis	AVCOE, Sangamner	8390578721	<i>P. Pawase</i>
19	Gunjal Poonam V.	AVCOE, Sangamner	9960522471	<i>Gunjal</i>
20	Erande Shashikala	AVCOE, Sangamner	7709791336	<i>Erande</i>

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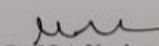
Department of Electronics Engineering

Participant's Attendance List

Date: 17/01/2017

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
21	Phane Ushvini-P.	AVCOE, Sangamner	9921937663	Phane
22	Hase Bhagyashree	AVCOE, Sangamner	9665081086	Bhate
23	Jondhale Darshana	AVCOE, Sangamner	9604473081	Jondhale
24	Hase Varsha	AVCOE, Sangamner	9030635673	Hase
25	Dhage Pradnya S.	AVCOE, Sangamner	9970015975	Dhage
26	Wagh Snehal D.	AVCOE, Sangamner	4767058283	Wagh
27	Jondhale Prerana	AVCOE, Sangamner	9881643853	Jondhale
28	Tangadkar Gitanjali B.	AVCOE, Sangamner	9403562768	Tangadkar
29	Abhang Jeemav	AVCOE, Sangamner	7057010095	Abhang
30	Rahane Vaibhav	AVCOE, Sangamner	7756923676	Rahane


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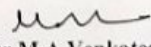
Department of Electronics Engineering

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Date: 17/11/17

Sr.No.	Name of the Participant	Address	Contact No. / Mobile No.	Signature
31	Sanap Gunesb D	AVCOE Sangamner ,	7276446624	
32	Maunijkar priyanka	AVCOE Sangamner.	9130255220	
33				
34				
35				
36				
37				
38				
39				
40				


Mrs. S.S. Gendal
Coordinator


Dr. M.A. Venkatesh
Principal
Amrutvahini College of Engg.
SANGAMNER - 422 608
Dist.-Ahmednagar (M.S.)

2



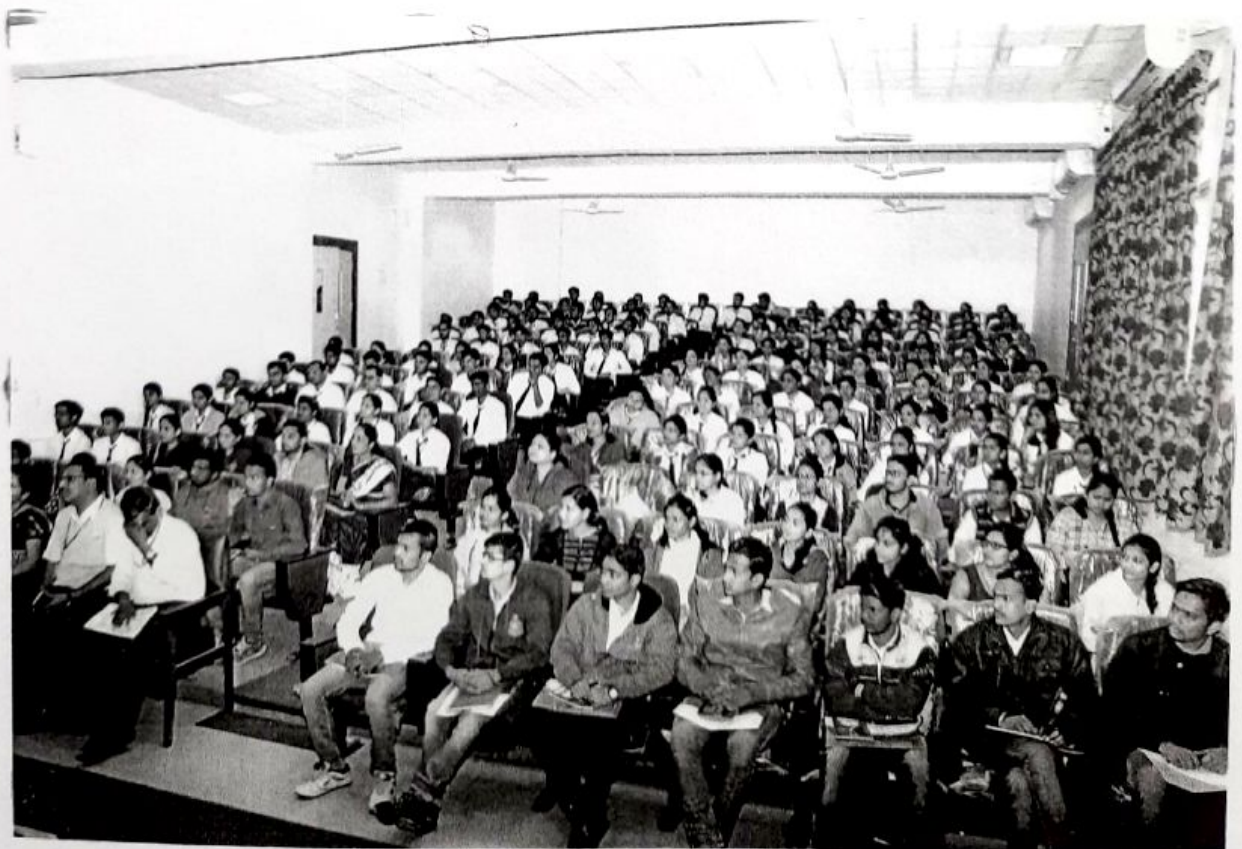
Keynote Speech



Felicitation



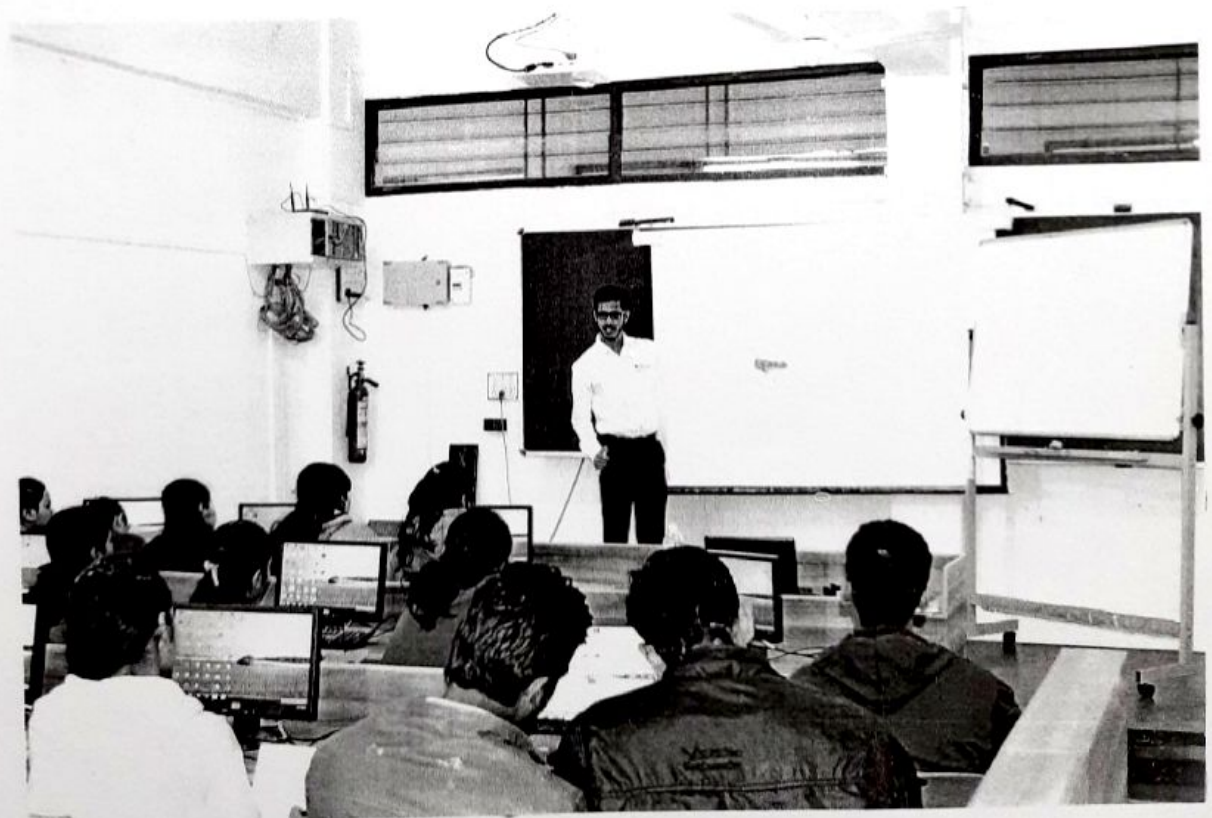
Keynote Speech



Audience



Hands on Session



Hands on session



Valedictory function