



# MOHAMED SATHAK A. J. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Siruseri IT Park, Egattur, Chennai - 603 103

## ACADEMIC YEAR – 2019-2020

METRIC	DESCRIPTION			
6.3.3	Average number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the last five			
S. No	Academic year	Total no of program organised for teaching staff	Total no of program organised for non-teaching staff	Total no of program organised
1	2019-2020	09	01	10

  
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MOHAMED SATHAK A.J.COLLEGE OF ENR  
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## ACADEMIC YEAR – 2019-2020

S.No	Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
1	08.07.2019	One day Workshop on Embedded system and IOT	–	5
2	19.08.2019&20.08.2019	Two-day Workshop on Revit architecture	–	5
3	04.01.2020	Faculty training and development program on Stress Management	–	98
4	13.01.2020	Faculty training and development program on Outcome Based Education	–	104
5	20.05.2020 to 22.05.2020	FDP on Electric Vehicle	–	8
6	20.05.2019 & 25.05.2019	–	Workshop On Testing of Components and Equipment	10
7	21.05.2020 to 23.05.2020	FDP on Dynamics of Machinery	–	9
8	25-05-2020 to 30-05-2020	Six Day FDP on Data Science Using Python	–	6
9	27.05.2020 to 29.05.2020	FDP on Embedded and IoT BOOT Camp	–	7
10	27.05.2020 to 29.05.2020	FDP On Green Chemistry Towards Sustainable Development	–	3

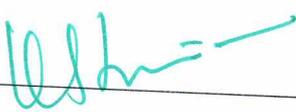
  
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Siruseri IT Park, Egattur, Chennai - 603 103

## REPORT ON EVENTS

<b>Department:</b>	ECE - MSAJCE	
<b>Type of Event:</b>	Guest Lecture	
<b>Event Title:</b>	Embedded System and IOT	
<b>Date &amp; Session:</b>	08/07/2019 & FN	
<b>Venue / Mode(Platform):</b>	Dhastagir Auditorium/Offline	
<b>Organizer:</b>	Dr.E.Dhiravidachelvi, HOD/ECE	
<b>Coordinator(s):</b>	Mr. J. Raja, AP/ECE Ms.E.Jayanthi, AP/ECE	
<b>Details of Participants:</b>	Students of ECE - MSAJCE During the session - 54 participants actively participated.	
<b>Profile of the Chief Guest(s):</b>	Name of the Guest Speaker Designation Organization	Dr. K.Latha MIT Chennai
<b>Write-up on Event :</b>	<p>Dr. K.Latha MIT, Chennai, ECE Department conducted Guest Lecture on "Embedded System and IOT " to III and IV year ECE students on 08th July 2019.</p> <p>The embedded systems industry was born with the invention of microcontrollers and since then it has evolved into various forms, from primarily being designed for machine control applications to various other new verticals with the convergence of communications.</p> <p>Inaugurated By Dr.E.Dhiravidachelvi,HOD/ECE,MSAJCE.</p> <p>Welcome address is given by Mr.J.Raja, AP/ ECE and vote of thanks delivered by Ms.E.Jayanthi,AP/ECE.</p> <p style="text-align: right;"></p>	

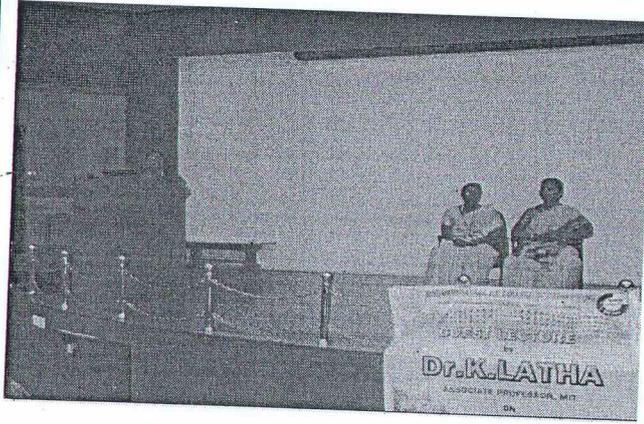
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Photographs



Embedded System and IOT



Presentation of the speaker

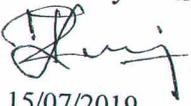


Gathering of Participants

Feedback from the participants

Prakash. P: Wonderful session mam.  
Subashree. S: Good Program.  
Ranjith V: Give more session like this One.

Prepared By :

Name & Designation: Mr.J.Raja AP/ECE  
Ms.E.Jayanthi, AP/ECE  
Signature:   
Date: 15/07/2019

Reviewed / Forwarded by:

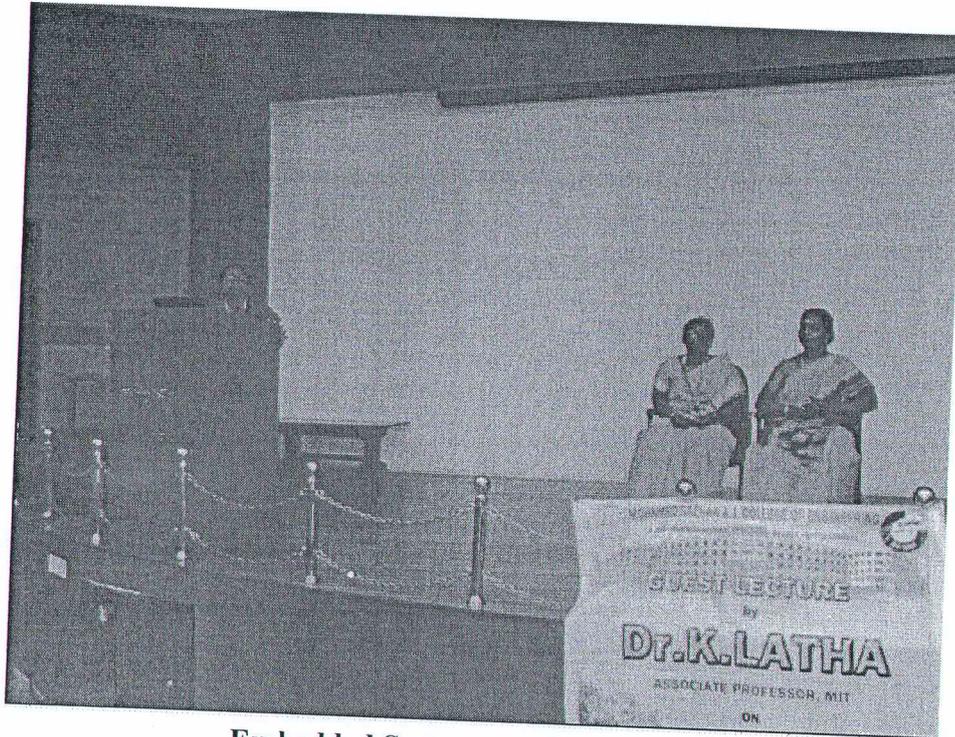
Dr.E.Dhiravidachelvi  
Professor & Head/ECE

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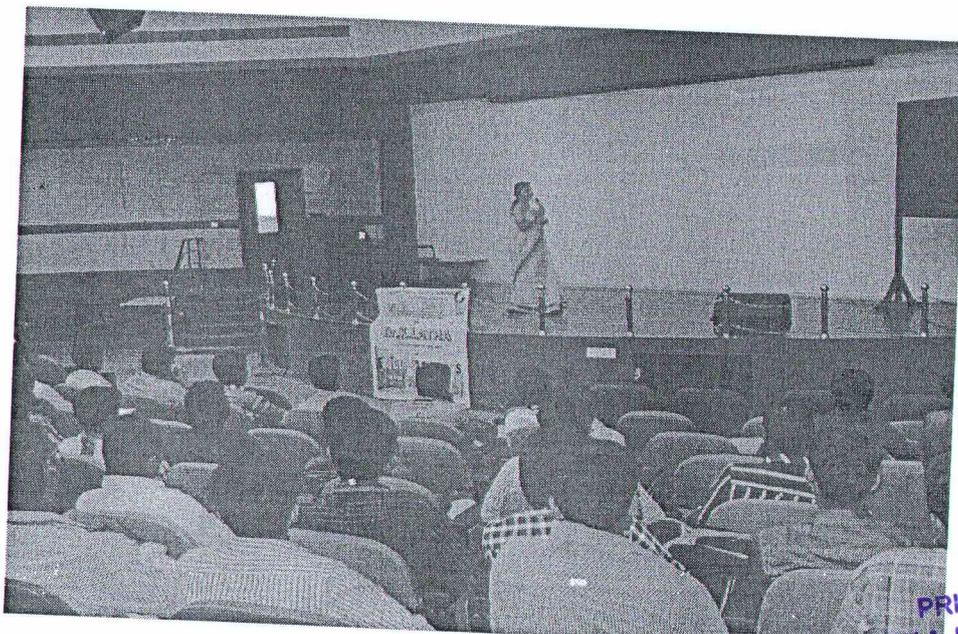


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Embedded System and IOT - Poster



Presentation of the speaker

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HOD/ECE

## Workshop on

## Revit Architect

18<sup>th</sup> to 19<sup>th</sup>, August, 2019

Conducted by Civil Engineering Department



MOHAMED SATHAK AJ COLLEGE OF  
ENGINEERING

Inside Siruseri SIPCOT IT Park, Chennai-603103

### ABOUT MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

The Mohamed Sathak A.J. College of Engineering (MSAJCE) was established on 5th July 2001 under the aegis of Mohamed Sathak Trust has 35 years of excellence presence in education sector offering Technical, Arts and Science, Medical and Management Education. The MSAJCE was established with an objective of imparting quality education, developing ethical values and personality traits thereby molding the budding engineers into dynamic and deployable engineers. The College was approved by AICTE New Delhi, affiliated to Anna University Chennai and Government of TamilNadu. MSAJCE Strives to continuously upgrade its facilities to provide quality technical education to meet the industrial and societal needs, by providing skill based training with the state of art facilities.

The college campus, sprawling over 70 acres of greenery located inside the SIPCOT IT Park, Siruseri is surrounded by multinational IT companies such as TCS, CTS, Intellect, Aspire, Steria, Polaris, etc. MSAJCE has good infrastructure facilities such as spacious classrooms, drawing halls, laboratories, seminar halls, computer facilities with internet and wifi connectivity, library, workshops, auditorium and playground. The college is well

Connected by Road, Rail and Air from various parts of the country. A team of well qualified and experienced faculty supports the teaching and learning process. The college provides equal importance for academic, co-curricular and extracurricular activities. MSAJCE provides all kinds of training for the professional and overall transformation of the students.

### ELIGIBILITY AND SELECTION

Technician and Faculties of Civil and Agriculture Department are eligible to participate in the programme.

**The total number of participants is restricted to 15 and selection will be based on first come first served basis.**

### Course Content:

Day 1	Framed structures
Day 2	Comments in Aesthetic appearance

  
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## Two Days Workshop on

On

*Revit Architect*

18<sup>th</sup>-19<sup>th</sup>, Aug, 2019

### REGISTRATION FORM

Name :  
Designation :  
Department :  
Organization :

Phone :  
Email :

### DECLARATION

I \_\_\_\_\_ agree to

abide by the rules and regulations governing the training programme. If selected, I shall attend the programme for the entire duration. The information provided herewith is

Signature of the Applicant

### Registration

The course fee for the External Participants to the FDP is **Rs.400/-** which has to be paid at the time of registration.

### Important Dates

Last date of Submission of Application form: 16-08-2019

Intimation of Selection by E-Mail : 17-08-2019

### Venue

*Civil-Building Information Modelling(BIM) Laboratory*

### Important points to note -

All participants are required to bring earphones, as they will have to listen to video tutorials. Without earphones, the workshop will not at all be effective. But if they wish, participants can bring their own laptops.

### Organizing Committee-

#### CHIEF PATRON:

Alhaj S.M.Yousuf Sahib

Chairman

Janaba .S.M.H.Sharmila

Secretary, Mohamed Sathak Trust

#### PATRON:

Dr.K.S.Srinivasan, Principal

#### CONVENOR:

Dr. M.B.Shanmugarajan, HOD/Civil

#### CO-ORDINATORS:

Mrs.S.Hemavathi AP/Civil

Web: [www.msajce-edu.in](http://www.msajce-edu.in)

  
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**REPORT ON EVENTS**

<b>Department:</b>	CIVIL ENGINEERING	
<b>Type of Event:</b>	WORKSHOP	
<b>Event Title:</b>	Revit Architect	
<b>Date &amp; Time:</b>	18 <sup>th</sup> & 19 <sup>th</sup> August 2019 & 10.00 am	
<b>Venue :</b>	MSAJCE Campus	
<b>Organizer:</b>	MSAJCE .- CIVIL	
<b>Coordinator(s):</b>	Ms. S.Hemavathi AP/Civil	
<b>Details of Participants:</b>	External participants from various institution like Academicians, Researchers, Industry & Students and faculty members of MSAJCE	
<b>Profile of the Chief Guest</b>	Name of the Guest Speaker	Mr.B.Sivakumar
	Organization	BURO Engineers I Pvt Ltd
	Designation	Senior Design Engineer
	Contact Number	9384663443
	E-mail ID	sivakumarbuen@gmail.com
<b>Write-up on Event</b>	<p>The workshop started with 15 participants from Civil engineering domain on 18.08.2019 at 10.00 am with welcome address and the introduction of chief guest was given by Dr. R.Ravi, HOD - Civil (MSAJCE). First session was handled by the guest speaker Mr.B.Sivakumar, Senior Design Engineer, UNICORN Engineers I Pvt Ltd and Structural specialization, he explained about 3D modeling in Revit Architecture various buildings comments and Designs. The speaker has cleared the doubt of the participants at the end of the session. Ms. S. Hemavathi –AP/Civil has proposed the vote of thanks to the chief guest.</p>	
<b>Photographs</b>	 <p style="text-align: center;">(Participants in Revit Architect workshop)</p>	

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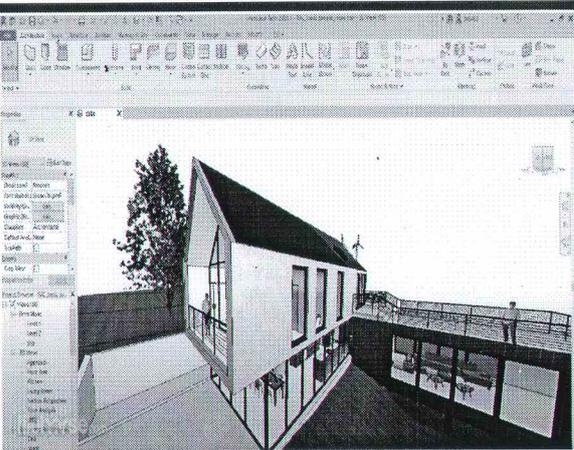


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	 <p>(Participants hands on training)</p>
<p><b>Feedback from the participants</b></p>	<p><b>Ramamoorthy.A:</b> Good</p> <p><b>Rajakumaran.B:</b> Excellent</p> <p><b>A SaiPriya:</b> Informative</p> <p><b>Mohamed khan.S:</b> Interesting and visually good and have hands on training on Revit 3D architect.</p> <p><b>Mohamed natheem Mansoor:</b> Well organised</p>

**Prepared By:**

**Signature:**



**Name:** Ms. S. Hemavathi/AP Civil

**Designation:** Assistant Professor

**Date:** 19.08.2019

**Reviewed / Forwarded by:**



**Mr M.B. Shanmuharajan**

**Head of the Department**

**19.08.2019**



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## Department of Civil Engineering

### Workshop on Revit Architect

<p align="center"><b>Workshop on Revit Architect</b></p> <p align="center">18<sup>th</sup> to 19<sup>th</sup> August, 2019</p> <p align="center">Conducted by Civil Engineering Department</p> <div align="center">  </div> <p align="center"><b>MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING</b>        Inside Siruseri SIPCOT IT Park, Chennai-603103</p>	<p><b>ABOUT MOHAMED SATHAK A J COLLEGE OF ENGINEERING</b></p> <p>The Mohamed Sathak A.J. College of Engineering (MSAJCE) was established on 5th July 2001 under the aegis of Mohamed Sathak Trust has 35 years of excellence presence in education sector offering Technical, Arts and Science, Medical and Management Education. The MSAJCE was established with an objective of imparting quality education, developing ethical values and personality traits thereby molding the budding engineers into dynamic and deployable engineers. The College was approved by AICTE New Delhi, affiliated to Anna University Chennai and Government of TamilNadu. MSAJCE Strives to continuously upgrade its facilities to provide quality technical education to meet the industrial and societal needs, by providing skill based training with the state of art facilities.</p> <p>The college campus, sprawling over 70 acres of greenery located inside the SIPCOT IT Park, Siruseri is surrounded by multinational IT companies such as TCS, CTS, Intellect, Aspire, Steria, Polans, etc. MSAJCE has good infrastructure facilities such as spacious classrooms, drawing halls, laboratories, seminar halls, computer facilities with internet and wifi connectivity, library, workshops, auditorium and playground. The college is well</p>	<p>Connected by Road, Rail and Air from various parts of the country. A team of well qualified and experienced faculty supports the teaching and learning process. The college provides equal importance for academic, co-curricular and extracurricular activities. MSAJCE provides all kinds of training for the professional and overall transformation of the students.</p> <p><b>ELIGIBILITY AND SELECTION</b></p> <p>Technician sand Faculties of Civil and Agriculture Department are eligible to participate in the programme.</p> <p><b>The total number of participants is restricted to 15 and selection will be based on first come first served basis.</b></p> <p><b>Course Content:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Day 1</td> <td>Framed structures</td> </tr> <tr> <td>Day 2</td> <td>Comments in Aesthetic appearance</td> </tr> </table>	Day 1	Framed structures	Day 2	Comments in Aesthetic appearance
Day 1	Framed structures					
Day 2	Comments in Aesthetic appearance					

(Brochure)



(Participants in Revit Architect workshop)

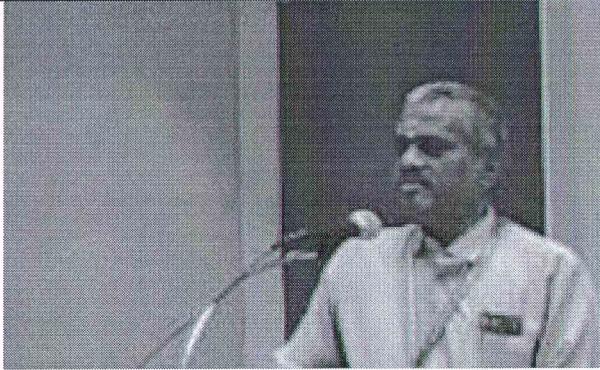
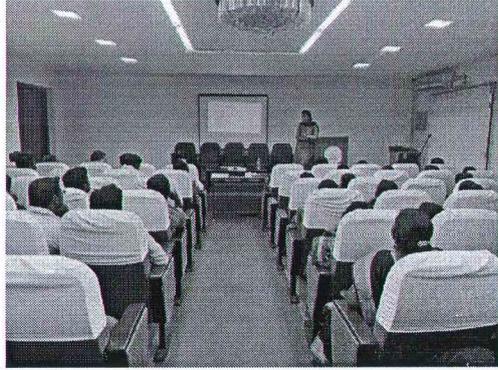
  
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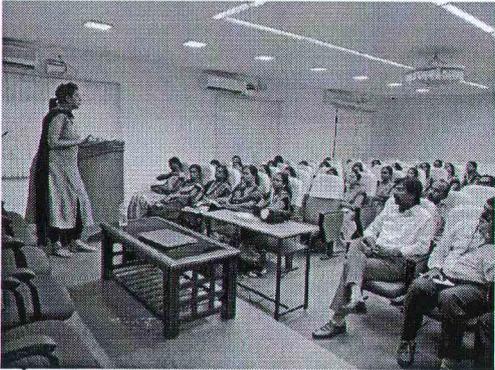
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## REPORT ON EVENTS

<b>Department:</b>	IQAC - MSAJCE	
<b>Type of Event:</b>	Faculty Development Programme	
<b>Event Title:</b>	Stress Management	
<b>Date &amp; Time:</b>	04.01.2020 & 9.00 am to 3.30 pm	
<b>Venue / Mode (Platform):</b>	Conference Hall	
<b>Organizer:</b>	MSAJCE - IQAC	
<b>Coordinator(s):</b>	Dr.B.Sridhar, Coordinator, IQAC, Mr.G.Ramesh, Associate Professor, Dept. of Mechanical	
<b>Details of Participants:</b>	All teaching faculty members of MSAJCE	
<b>Profile of the Chief Guest(s)</b>	Name of the Guest Speaker	Mrs. R. Madhumitha,
	Organization	IIT Chennai,
	Designation	PhD Scholar (Social Psychology)
<b>Write-up on Event</b> (to publish in the college website)	<p>IQAC of MSAJCE organized a Faculty Development Programme for the teaching faculty of MSAJCE on "Stress Management". The programme was started at 9.00 am with welcome address by Mr.G.Ramesh Associate Professor, Dept. of Mechanical. The session continues with the presentation of the guest speaker Mrs. Madhumitha, Stress Management mostly focused on different stress management approaches and stress causes. The speaker emphasised the current situation, in which a big number of individuals are suffering from stress and shaming their careers. Dr.B.Sridhar, Coordinator, IQAC deliver the vote of thanks.</p>	
<b>Photographs</b>		
	<p>Welcome address by Mr.G.Ramesh, Associate Professor, Dept. of Mechanical</p>	<p>Presentation by the Guest</p>

  
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	<p>Presentation by the Guest</p>	<p>Vote of Thanks by Dr.B.Sridhar, Coordinator, IQAC</p>
<p><b>Feedback from the participants</b></p>	<p>The faculty members represents that this programme Develops positive attitude towards life.</p>	

Prepared By :

Signature: 

Name: G.Ramesh

Designation: Associate Professor

Date: 21.01.2020

Reviewed / Forwarded by:



Dr.R.Senthilkumar,

Professor

21.01.20



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**REPORT ON EVENTS**

<b>Department:</b>	IQAC - MSAJCE	
<b>Type of Event:</b>	Faculty Development Programme	
<b>Event Title:</b>	OUTCOME BASED EDUCATION (OBE)	
<b>Date &amp; Time:</b>	13.01.2020 & 9.00 am to 3.30 pm	
<b>Venue / Mode (Platform):</b>	Conference Hall	
<b>Organizer:</b>	MSAJCE - IQAC	
<b>Coordinator(s):</b>	Dr.B.Sridhar, Coordinator, IQAC, Mr.G.Ramesh, Associate Professor, Dept. of Mechanical	
<b>Details of Participants:</b>	All teaching faculty members of MSAJCE	
<b>Profile of the Chief Guest(s)</b>	Name of the Guest Speaker	Dr. T. Gnana Sambanthan
	Organization	NITTTR
	Designation	Professor (Retd.), Dept. of CSE
	Contact Number	9444321697
	E-mail ID	tgsambanthan@gmail.com
<b>Write-up on Event</b> (to publish in the college website)	IQAC of MSAJCE organized a Faculty Development Programme for the teaching faculty of MSAJCE on "OUTCOME BASED EDUCATION". The programme was started at 9.00 am with welcome address by Dr.E.Dhiravidachelvi, HoD/ECE. The session continues with the presentation of the guest speaker Dr.T.Gnana Sambanthan, Professor (Retd.), Dept. of CSE, NITTTR, Chennai, on OUTCOME BASED EDUCATION, he elaborated the concept of OBE. He also explained the method of developing the objective and outcome of the course. The points to be considered for evolving syllabus and Programme Educational Objective are also briefed. Dr.B.Sridhar, Coordinator, IQAC deliver the vote of thanks.	
<b>Photographs</b>		
	Welcome address by Dr.E.Dhiravidachelvi, HoD/ECE	Honoring the chief guest by Dr.R.Senthilkumar, HoD/Mech

  
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	Presentation by the Guest	Presentation by the Guest
<b>Feedback from the participants</b>	The faculty members represents that this programme detailed about the OBE to the level of understanding	

**Prepared By :**

Signature: \_\_\_\_\_

Name: G.Ramesh

Designation: Associate Professor

Date: 21.01.2020

**Reviewed / Forwarded by:**

\_\_\_\_\_

Dr.R.Senthilkumar,

Professor

21.01.20

\_\_\_\_\_

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2019-20 EEE



# MOHAMED SATHAK A J COLLEGE OF ENGINEERING

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Department of  
Electrical and Electronics Engineering presents

## 3 Days Online FDP

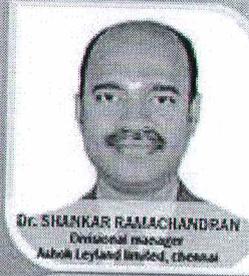


## Electric Vehicles

Date: 20.05.2020 to 22.05.2020

Registration fee : INR 100/-  
Payment Mode : Pay  
 Pay to +91-9884969156

Convenor : Dr I.Manju  
Co-Ordinator : Mr K.Vairaperumal



Dr. SHANKAR RAMACHANDRAN  
Divisional manager  
Ashok Leyland limited, Chennai



Mr. ASHITH KUMAR SHETTY  
Sr. Technical Manager - E Mobility solutions  
Itans Astar Engineering (Bangalore)



Dr. I. THANDAPANI  
Director  
RRI Electro Power (P) Ltd



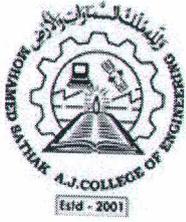
Dr. M. M. RAJAN SINGARAVEL  
Assistant Professor  
MIT, Paludicherry



for FDP Registration  
<https://forms.gle/KHCp6zYlpDhcHQzYA>  
+91 - 9944363907

+91-9940004500 / 044 - 27470024    misajce.office@gmail.com    www.misajce-edu.in

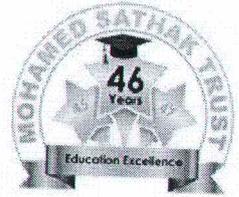
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34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603103

Department of Electrical and Electronics Engineering



## REPORT ON EVENTS

### Electric Vehicle

<b>Department:</b>	Electrical and Electronics Engineering		
<b>Type of Event:</b>	Faculty Development Program		
<b>Event Title:</b>	Electric Vehicle		
<b>Date &amp; Time:</b>	20-05-2020 to 22-05-2020 & 11:00am to 12:30pm & 02:30pm to 04:00pm		
<b>Venue / Mode (Platform):</b>	Online mode (Google Meet)		
<b>Organizer:</b>	Dr. I. Manju, HOD/EEE		
<b>Coordinator(s):</b>	Mr. K. Vairaperumal, AP/EEE		
<b>Details of Participants:</b>	External participants from various institution like Academicians, Researchers, Industry and faculty members of MSAJCE		
<b>Profile of the Chief Guest(s)</b>		<b>Day 1 (20.05.2020)</b>	<b>Day 2 (21.05.2020) FN</b>
	Name of the Guest Speaker	Mr. Ashith Kumar Shetty	Dr. Shankar Ramachandran
	Organization	E-Mobility Solutions, Altair Engineering, Bangalore	Ashok Leyland Ltd. Chennai
	Designation	Sr. Technical Manager	Divisional Manager
		<b>Day 2 (21.05.2020) AN</b>	<b>Day 3 (22.05.2020)</b>
	Name of the Guest Speaker	Dr. M. M. Rajan Singaravel	Dr. T. Thandapani
	Organization	NIT, Puducherry.	RRT Electro Powwer Ltd, Chennai
	Designation	Assistant Professor	Director
<b>Write-up on Event</b>	<p>The FDP initially started with 70 participants from different domain on 20.05.2020 at 11.00 am with welcome address and introduction of chief guest by Mrs. Radhika S, AP/EEE (MSAJCE).</p> <p>The first session 20.05.2020 (Wednesday) was handled by the guest speaker Mr. Ashith Kumar Shetty, Sr. Technical Manager, Altair Engineering, Bangalore.</p>		

*(Signature)*  
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Chennai-603 103.

*(Signature)*  
Coordinator

Explained about e-mobility technologies had started taking root in the automotive industry and explained about e-mobility refers to the development of electric-powered drive trains, and moving away from the traditional vehicle design.

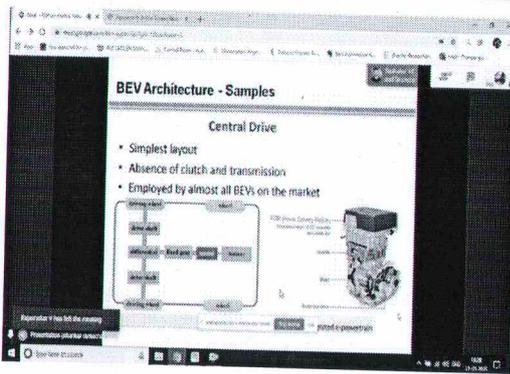
The second day 21.05.2020 (Thursday) FN session was handled by the guest speaker Dr. Shankar Ramachandran Divisional Manager, Ashok Leyland Ltd. Chennai. The speaker elaborated in detail about different types of Commercial vehicle major Ashok Leyland may look at partnerships in electric vehicles segment in future in a bid to cut huge costs involved in developing new technologies in this space. In the discussion time with the participants, he answered all the questions patiently up to the participant's satisfaction.

The second day 21.05.2020 (Thursday) AN session was handled by the guest speaker Dr. M. M. Rajan Singaravel Assistant Professor, NIT, Puducherry. The speaker elaborated in detail about different type of drives which are used in Electric vehicles. In the discussion time with the participants, he answered all the questions patiently up to the participant's satisfaction.

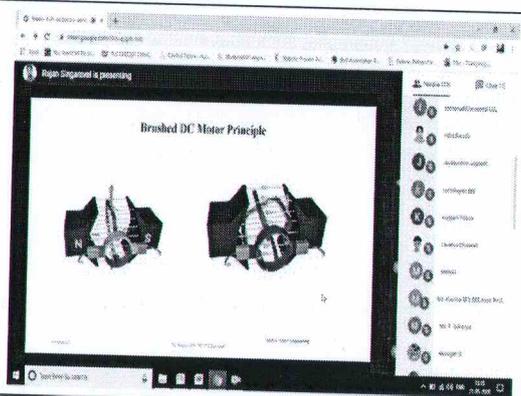
The third day 22.05.2020 (Friday) session was handled by the guest speaker Dr. T. Thandapani Director, RRT Electro Powwer Ltd, Chennai. The speaker elaborated in detail about different concepts related to Electric vehicles. In the discussion time with the participants, he answered all the questions patiently up to the participant's satisfaction.

Mrs. P. Nisha, AP/EEE (MSAJCE) proposed the vote of thanks to the chief guest, participants and organizers.

### Photographs



Presentation Slide



Presentation Slide

*Wm*  
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*[Signature]*  
co-ordinator.

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Department of Electrical and Electronics Engineering presents

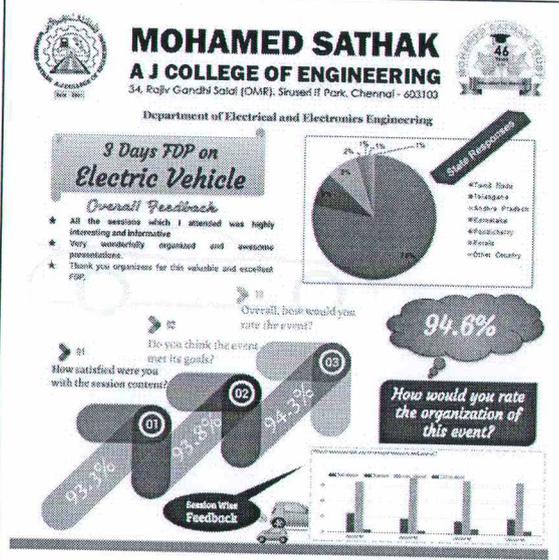
**3 Days Online FDP on Electric Vehicles**

Speakers:  
 Dr. SHANKAR KATAKAMNENI, Dr. ASHOK KUMAR SURESH, Dr. LAVANYA DHANESH, Dr. N. S. NELSON RAJA

Registration fee: INR 100/-  
 Payment Mode: Pay to +91-9884969156

For FDP Registration: <https://forms.gle/KNCpazTjDhCHQzYA>

Convenor: Dr. I. Manju, Co-Ordinator: Mr. K. Valaperumal



Event Brochure

Analysis Report

Feedback from the participants

- Mr.S.Saravanakumar**  
Assistant professor/MECH M Kumarasamy college of engineering , Karur  
**Feedback Given:** Good speaker valuable information share to gain the knowledge about electrical vehicles , thank you sir
- Dr. LAVANYA DHANESH**  
Associate professor / EEE Panimalar Institute Of Technology Excellent.  
**Feedback Given:** Thank you organizers for this valuable and excellent FDP.
- Mr. S. Nelson Raja**  
Assistant Professor / MECH Chendu College of Engineering and Technology, Madurandhagam  
**Feedback Given:** This webinar based on recent trends in automobiles and it's more usefull for us.
- Mr.N.Ahamed Hussain Asif**  
Assistant Professor/EEE Mohamed Sathak Engineering college, Kilakarai.  
**Feedback Given:** We the faculties expect to conduct this kind of informative and innovative session also in coming months.

*[Handwritten Signature]*

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 Co-ordinator



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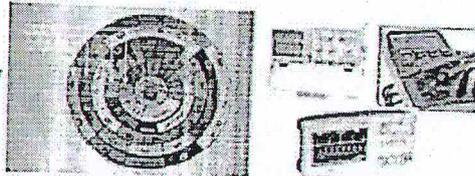
34, Rajiv Gandhi Road (OMR), Siruseri IT Park, Chennai - 603103

### Skill Development Programme

on

### "Testing of Electronic Components and Equipments" for Non teaching Staff

- Testing of Components
- Testing & Calibration of Equipments
- Soldering Techniques
- ST



Hands-On Training By  
Mrs. E. Jayanthi AP/ECE / Mr. M. L. Svedat AP/ECE

Date: 20.5.2019 & 25.5.2019



Convener: Dr. E. Dharividachelvi, HOD/ECE  
Coordinator: Mrs. I. S. Sivanthi, AP/ECE

*I. Sivanthi*

Prepared By

Mrs. I. S. Sivanthi AP/ECE

*Dr. E. Dharividachelvi*

Reviewed By/Forwarded By

Dr. E. Dharividachelvi, HOD/ECE

*Principal*

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### REPORT ON EVENTS

<b>Department:</b>	ECE	
<b>Type of Event:</b>	Skill Development Programme	
<b>Event Title:</b>	"Testing of Components and Equipments"	
<b>Date &amp; Time:</b>	20.5.2019 & 25.05.2019	
<b>Venue / Mode (Platform):</b>	Offline mode	
<b>Organizer:</b>	Dr.E.Dhiravidachelvi, Head/ ECE	
<b>Coordinator:</b>	Mrs.I.S.Suganthi, AP/ECE	
<b>Details of Participants:</b>	Non Teaching Staffs from Circuit Branch	
<b>Profile of the Chief Guest(s)</b>	Name of the Guest speaker	Mrs.E.Jayanthi, AP/ECE & Mr.M.L.Syedali, AP/ECE
	Organization	MSAJCE
	Designation	Assistant Professor
	Contact Number	
	E-mail ID	ece.jayanthi@msajce- edu.in & ece.syedali@msajce- edu.in
<b>Write-up on Event</b>	<p>The non teaching staffs from department of Electronics and Communication and Electrical and Electronics engineering was actively participated.</p> <p>Day1(20.5.2019): Familiarization of Electronic Components and Testing Soldering Techniques Day2(25.5.2019): Familiarization of Electronic Equipments , Testing and Calibration</p> <p>The faculty and Non teaching staffs actively participated. They learned about different type's passive and active components and how to test it. Hands on training of soldering was given and evaluated.</p> <p>In day 2 she was given a hands on training on calibration of equipments like CRO, RPS, Function Generator, Meters etc</p>	

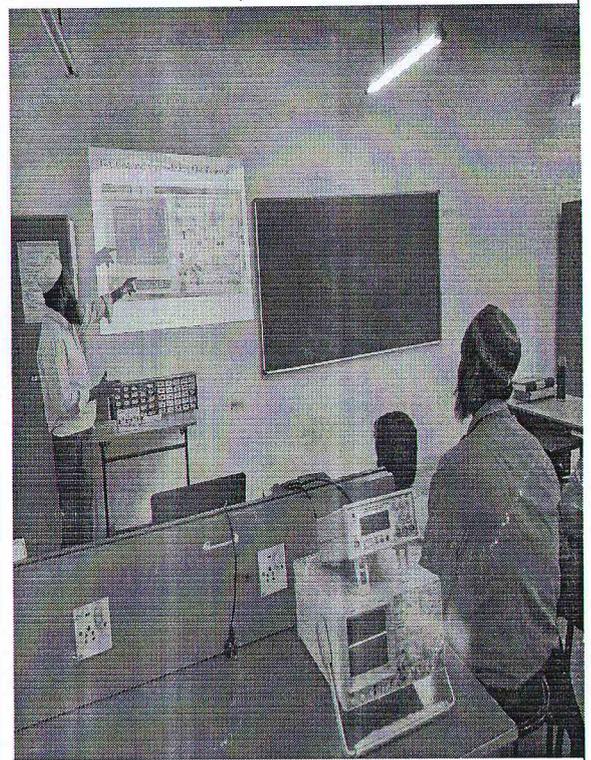
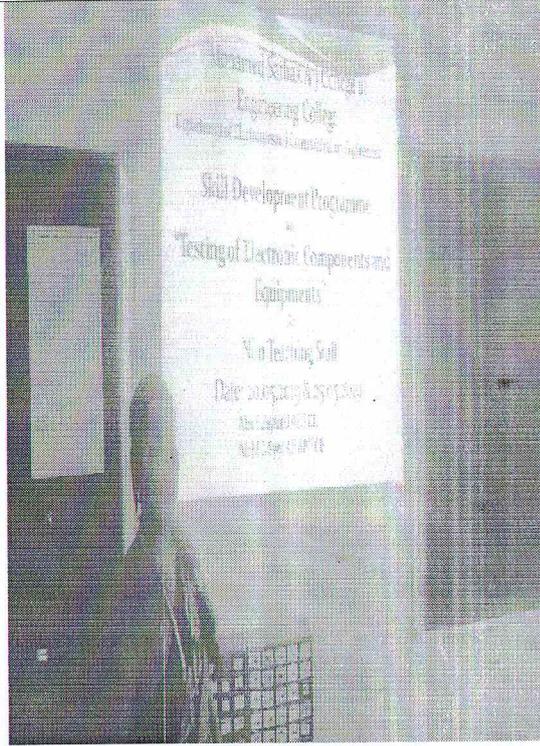
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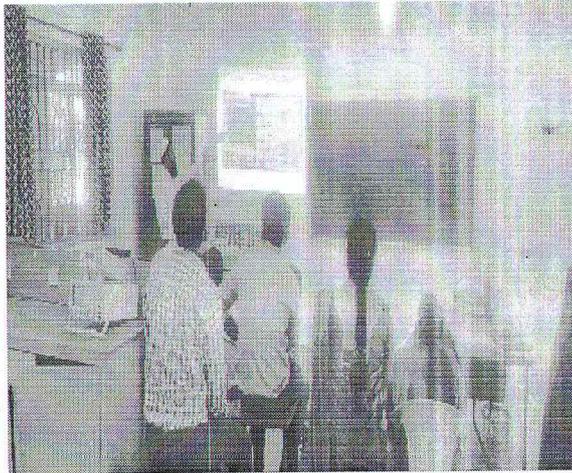
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Photographs



Photographs

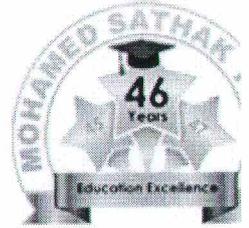


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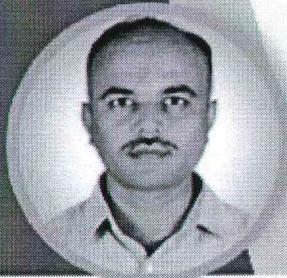


DAY 1



**Dr. P. Jeyaraj**  
Asso. Prof. NIT Surathkal

DAY 2



**Dr. M.C. Lenin Babu**  
Asso. prof. VIT Chennai

DAY 3



**Dr. B. Janarthanan**  
Professor, MSAJCE

## Topics Covered ME8594 Dynamics of Machines (Unit II, III & IV)

- To understand the undesirable effects of unbalances resulting from prescribed motions in mechanism.
- To understand the effect of Dynamics of undesirable vibrations.

Registration Fee **Rs.99/-** to Pay Through UPI  
(E-Certificate will be provided)



For UPI Payment - GPay  
Ph: +91-98849 69156

\*Snapshot of payment transaction to be uploaded with the registration form

Department of  
Mechanical Engineering  
organizes

## 3 Days FDP on Dynamics of Machines

21<sup>st</sup> to 23<sup>rd</sup> May 2020  
@ 10AM - 12PM

Convenor : Dr. R. Senthilkumar  
Professor & Head  
Co-Ordinator : Mr. S. Prasath  
Associate Professor  
Mr. Saravanan. P  
Assistant Professor

For More details:  
82480 83360, 79044 65510

Last date for Registration : 20.05.2020  
on or before 10AM

<https://forms.gle/iPJYh7Lz97r4vNy19>



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SIRUSERI IT PARK, OMR, CHENNAI 603 103



REPORT ON EVENTS

<b>Department:</b>	Mechanical Engineering - MSAJCE			
<b>Type of Event:</b>	Faculty Development Program			
<b>Event Title:</b>	<b>DYNAMICS OF MACHINERY</b>			
<b>Date &amp; Time:</b>	21.05.2020 (10 am - 12 pm), 22.05.2020 (10 am – 12 pm) & 23.05.2020 (10 am - 12 pm)			
<b>Venue / Mode (Platform):</b>	Online mode (Google meet)			
<b>Organizer:</b>	MSAJCE - Mechanical Engineering			
<b>Coordinator(s):</b>	Mr S Prasath, AP/MECH, Mr.P.Saravanan, AP/MECH.			
<b>Details of Participants:</b>	External participants from various institution like Academicians, Researchers, Industry and faculty members of MSAJCE			
<b>Profile of the Chief Guest(s)</b>		<b>DAY-1 (21.05.2020)</b>	<b>DAY-2 (22.05.2020)</b>	<b>DAY-3 (23.05.2020)</b>
	Name of the Guest Speaker	Dr.P.Jeyaraj,	Dr. M C. Lenin babu,	Dr.B.Janarthanan,
	Organization	NIT, Karnataka Surathkal.	VIT University Chennai	MSAJCE, Chennai.
	Designation	Associate Professor	Associate Professor	Hod Research
<b>Write-up on Event</b>	<p>The FDP started with 75 participants from different domain on 21.05.2020 at 10.00 am with welcome address and introduction of chief guest by Dr. R. Senthilkumar , HoD/MECH (MSAJCE).</p> <p>The first day 21.05.2020 (Thursday) session was handled by the guest speaker Dr.P.Jeyaraj, Associate Professor in NIT, Karnataka Surathkal.. The speaker elaborated in detail about Static and dynamic balancing. In the discussion time with the participants, he answered all the questions patiently up to the participant's satisfaction.</p> <p>The second day 22.05.2020 (Friday) session was handled by the guest speaker Dr. M C. Lenin babu, Associate Professor, VIT University Chennai. He explained in detail about the Free vibration. During the discussion session, he meticulously elaborated in detail for the participants questions.</p> <p>The third day 23.05.2020 (Saturday) session was handled by the guest speaker Dr.B.Janarthanan, Professor, MSAJCE, Chennai. He explained in detail about the Forced Vibration. During the discussion session, he elaborated in detail for the participants questions.</p> <p>Mr. G.Ramesh, AP/MECH (MSAJCE) proposed the vote of thanks to the chief guest, participants and organizers.</p>			

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23.03.2020 : Day 3 Presentation by Dr.B.Janarthanan, HoD Research MSAJCE. Chennai

23.05.2020 : Day 3 Presentation.

Photographs

Poster

Certificate

Feedback from the participants

**Mr. Sudhakar. S:**  
It was good to get more information in the field of industrial robots

**Dr.M.Chrispin Das:**  
Today's topic on collaborative robots is very interesting

**Mr. Muthu E:**  
I learned lot's of information regarding Robotics n automation

**Mr. G.Kasirajan:**  
Excellent by Event organizing peoples

**Mr. Lokeshkumar J:**  
Nice and informative session

**Dr.K Rajan:**  
It was more informative and innovative session

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# MOHAMED SATHAK A J COLLEGE OF ENGINEERING

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Six Days

## ONLINE FDP

ON

### DATA SCIENCE USING PYTHON



Organized by

**Department of Computer Science and Engineering**



Association with

**CSI Chapter Kancheepuram**

25-05-2020 to 30-05-2020

Registration fee : INR 100/-

Payment Mode : Pay

Pay to **+91-9884969156**

Apply Online : <https://tinyurl.com/ybbovzfz>

Convenor : Dr.B.Muthukumar

Co-ordinators : Mrs.V. Rajathi, Ms.J. Nirmala

For Registration Details

**7395886978/9840672206**

<b>DAY 1:</b> 25.5.2020	<b>CAMPUS TO CORPORATE</b> Mr.K.Sherath Babu, Founder & Director, Yes Labs Pvt Ltd, Australia,	
<b>DAY 2:</b> 26.5.2020	<b>DATA VISUALIZATION</b> Dr. S. Murugan, Professor, CSE, Sathyabama Institute of Science and Technology, Chennai	
<b>DAY 3:</b> 27.5.2020	<b>NOSQL</b> Dr. S. Murugan, Professor, CSE, Sathyabama Institute of Science and Technology, Chennai	
<b>DAY 4:</b> 28.5.2020	<b>BUSINESS INTELLIGENCE - PART 1</b> Mr. A.Bennet Prabu Lead, Data Analytics, IBM, Chennai	
<b>DAY 5:</b> 29.5.2020	<b>BUSINESS INTELLIGENCE - PART 2</b> Mr. A.Bennet Prabu Lead, Data Analytics, IBM, Chennai	
<b>DAY 6:</b> 30.5.2020	<b>MLOps-(ML Model Development and Operationalizations)</b> Dr. R. Joseph Manoj, Data Scientist, Hexaware Technologies, Chennai.	

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<b>Department:</b>	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING				
<b>Type of Event:</b>	Faculty Development Program (FDP)				
<b>Event Title:</b>	DATA SCIENCE USING PYTHON				
<b>Date &amp; Time:</b>	25-05-2020 to 30-05-2020& 10.00 AM TO 12.00 PM				
<b>Venue / Mode (Platform):</b>	Online mode (Google meet)				
<b>Organizer:</b>	DEPARTMENT OF CSE, MSAJCE				
<b>Coordinator(s):</b>	1.Dr.B.Muthukumar 2.Mrs.Rajathi.V 3.Ms.Nirmala.J				
<b>Details of Participants:</b>	External participants from various institutions like Academicians, Researchers, Industry& Students.				
<b>Profile of the Chief Guest(s)</b>		<b>DAY-1 ( 25.05.2020)</b>	<b>DAY-2 &amp;3 ( 26.05.2020)&amp; ( 27.05.2020)</b>	<b>DAY-3 &amp; 4 ( 28.05.2020) &amp; ( 29.05.2020)</b>	<b>DAY-5 ( 30.05.2020)</b>
	Name of the Guest Speaker	Mr.K.Sharath Babu	Dr.S.Murugan	Mr.A.BennetPrabu	Dr.R.Joseph Manoj
	Organization	Yes Labs,PvtLtd,Australia	Sathyabama institute of Science and Technology	IBM,Chennai	HexawareTechnologies,Chennai
	Designation	Founder &Director	Professor	Lead Data Analytics	Data Scientist
	Contact Number	9600076997	9962268326	9003045054	9841493362

	E-mail ID	sharath82@gmail.com	snmurugan@gmail.com	bennetprabhu2k@yahoo.com	dr.rjmanoj@gmail.com
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<p><b>Write-up on Event</b>  (to publish in the college website)</p>	<p>The workshop started with 221 participants from different institutions on 25.05.2020 at 10.00 am with welcome address and introduction of chief guest by Dr.B.Muthukumar, HOD/Prof, Department of CSE and Chief guest was introduced by MrsV.Rajathi AP/CSE,MSAJCE.</p> <p>The first day 25.05.2020 (Monday) session was handled by the guest speaker Mr.K.SharathBabu, Yes labs, Founder &amp; Director from Australia. The speaker elaborated in detail about, <b>Campus to corporate</b>. During the session he explained various suitable examples to make the participants understand clearly. In the discussion time with the participants, he answered all the questions patiently up to the participants' satisfaction.</p> <p>The second day and third day 26.05.2020 &amp; 27.05.2020 (Tuesday &amp; Wednesday) session was handled by the guest speaker Dr.S.Murugan, Professor &amp; Head of Sathyabama institute of Science and Technology. He explained in detail about <b>Data visualization and NOSQL techniques</b>. During the discussion session, he meticulously elaborated in detail for the participants' questions.</p> <p>The fourth and fifth day 28.05.2020 &amp; 29.05.2020 (Friday) session was handled by the guest speaker Mr.A.BennetPrabu, Lead Data Analytics, IBM Chennai. The speaker elaborated in detail about, <b>Business intelligence</b>. During the session he explained various types of Business intelligence techniques and its advantages clearly. In the discussion time with the participants, he answered all the questions patiently up to the participants' satisfaction.</p> <p>The sixth day 30.05.2020 session was handled by Dr.R.JosephManoj, Data scientist, Hexaware technologies have given detail elaboration on different data analytic techniques with live demo. In the discussion time with the participants, he answered all the questions patiently up to the participants' satisfaction.</p> <p>J.Nirmala, Assistant Professor / CSE proposed the vote of thanks</p>
<p><b>Photographs</b></p>	

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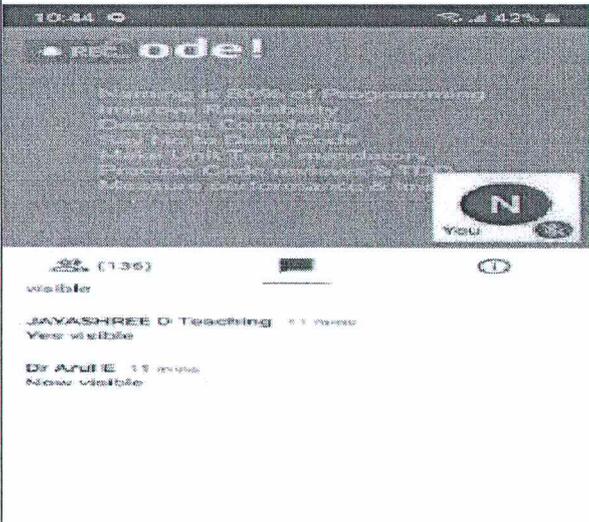


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<b>Feedback from the participants</b>	<b>Day -1</b>	<b>Day-2</b>	<b>Day-3</b>
	M SanmugaPriya: Well organized	N S Sukanya Very well organized presentation and explanation.	Divyapriya R it was hands on session and helpful to learn python
	Dr.E.Arul: Everything nice	Dr. Shanthi S Session is very useful if we further explore	Sharmila V J Excellent Session and the speaker has good knowledge about the subject
	PayalGulabrao Hake: Our all queries solved also questions, answers section is good	Dr.B.Murugesakumar Excellent Session	Usha Rajagopalan Practical sessions would have been interesting
	ANNAMALAI P: It was an informative session. The presentwe has a good job in conveying the information to the viewer.	SUMATHI. D: Very good and excellent explanation	A.Veeramuthu: The session is excellent with live demo
	<b>Day -4</b>	<b>Day-5</b>	<b>Day-6</b>

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Kiruthiga R Excellent demonstration by Bennett sir. Thanks to organizers.	D JEMI FLORINABEL Good	Kiruthiga R: Excellent session. Very informative tools. Explained clearly and demonstrated well. Thank you so much Manoj Sir and organizers.
DIVYA PRIYA R Too much content shared in one session	KRISHNAVENI S Excellent session	C.ARUL: very good informative about MSAzure , Data science life cycle and deployment , and demo is very interesting with detail explanation , inform me for the next sessions if any
YADAVALLI SURESH KUMAR Good session	NIDHI S : Extremely satisfied with his excellent sessions	Ancy S :Good session
THIYAGARAJANG Nice presentation and demonstration	Dr.PALANI K: Excellent demo sessions	USHA RAJAGOPALAN:Fantastic presentation..from basics..it was very interesting

Prepared By :

Reviewed /  
Forwarded by:

Signature: *V. Rajathi*

Name: *V. Rajathi*

Designation: *Asst. prof*

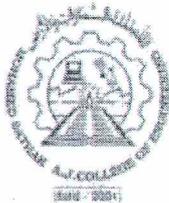
Date: *06.06.2020*

*B. Muthuman*  
HOD CSE

*Usha*

*Usha*  
06.06.2020  
Principal

*Usha*  
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## 3 DAYS Online FDP

27th - 29th May, 2020 | 3.00 pm to 5.00 pm

Registration fees:Rs.100

Through Gpay:

9884155152

<https://tinyurl.com/yckzy84y>



## Embedded & IoT Boot Camp

Conducted by the Department of  
Electronics and Communication Engineering



DAY 1: 27.5.2020

**IOT BASED HEALTH  
CARE SYSTEMS**

**Dr.Vallikannu, A.L.**,  
Associate Professor,  
Hindustan Institute of  
Technology and Science



DAY 2: 28.5.2020

**MACHINE LEARNING  
FOR EMBEDDED SYSTEMS**

**Dr. Attif Shah,**  
Founder & Managing Director  
of  
ABE Semiconductor designs



DAY 3: 29.5.2020

**EMBEDDED SYSTEM  
ACROSS INDUSTRIES**

**Mr. Prabakaran,**  
(Alumnus)  
Senior Software Architect in  
Caterpillar

For Details

**98841 55152**

Convenor : Dr.E.Dhiravidachelvi ,HOD/ECE

Co-ordinators : Mrs.Jayanthi.E / Mrs.I.S.Suganthi / Mrs.Sonadevi.S

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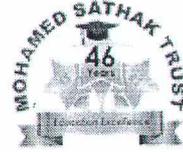
[msajce.office@gmail.com](mailto:msajce.office@gmail.com)

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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park  
Chennai-603 103.

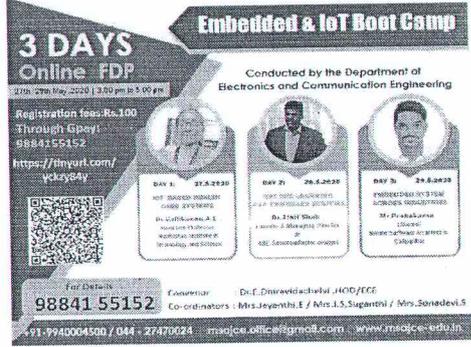


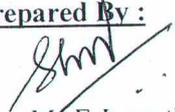
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SIRUSERI IT PARK, OMR, CHENNAI 603 103



REPORT ON EVENTS

<b>Department:</b>	ECE - MSAJCE	
<b>Type of Event:</b>	Faculty Development Program	
<b>Event Title:</b>	<b>EMBEDDED &amp; IOT BOOT CAMP</b>	
<b>Date &amp; Time:</b>	27.05.2020 TO 29.05.2020 - 3.00 pm - 5.00 pm	
<b>Venue / Mode(Platform):</b>	Online mode (Google meet)	
<b>Organizer:</b>	Dr.E.Dhiravidachelvi, HOD/ECE	
<b>Coordinator(s):</b>	1) E.Jayanthi AP/ECE 2) I.S.Suganthi, AP/ECE, 3) S.Sonadevi, AP/ECE	
<b>Details of Participants:</b>	External participants from various institution – Faculty members , Industry & faculty members of MSAJCE	
	Name of the Guest Speaker , Designation Organization Contact Number	Mr. M. Prabakaran (Alumni) Senior Software Architect in Caterpillar 9791848441
<b>Write-up on Event</b> (To publish in the college website)	<p>The participants started the registration and it was reached up to 55 from the external source (i.e. other than MSAJCE). During the session an average of 35 participants actively participated.</p> <p>Day 3- The session went on with embedded system in Automated Industry with more live examples</p> <p>Welcome address about Resource Person is given By Ms. I.S. Suganthi ,AP/ECE and vote of thanks delivered by Ms S.Sonadevi, AP/ECE Dept.</p> <p> <b>PRINCIPAL</b> MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING 34, Rajiv Gandhi Road (OMR), Siruseri, IT Park Chennai-603 103.</p>	

Photographs	 <b>MOHAMED SATHAK A J COLLEGE OF ENGINEERING</b> 	
		

**Signature:** 

**Name & Designation:** Ms. E. Jayanthi, AP/ECE

Ms. I. S. Suganthi AP/ECE  
Ms. S. Sonadevi, AP/ECE

**Reviewed / Forwarded by:** 

Dr. E. Dhiravidhelvi  
Professor & Head

**Date:** 02.06.2020

02.06.2020





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## MOHAMED SATHAK A J COLLEGE OF ENGINEERING

34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603103



### 3 DAYS Online FDP on **GREEN CHEMISTRY** TOWARDS SUSTAINABLE DEVELOPMENT

27.05.2020 - 29.05.2020  
Time : 10.30am -12.00 Noon  
(Through Zoom App)

Conducted by the Department of Chemistry

Registration Fees : Rs.100  
Through Gpay : 9843131725

Online Registration  
<https://tinyurl.com/y9bm7pmx>

Convenor : Dr.A.Balakrishnan  
9843131725 / 9677910590



Dr. P. Shanmugam  
Sr. Principal Scientist  
Head & Professor - AcSIR, Environmental Science Lab  
CSIR-Central Leather Research Institute



Dr. P. Shanmugam  
Sr. Principal Scientist  
Organic & Bio-organic Chemistry  
CSIR-Central Leather Research Institute



Dr. P. Elumalai  
Professor & Head  
Centre for Green Energy Technology  
Pondicherry University



Dr. G. Srinakumar  
Head in-charge  
Department of Physical Chemistry  
Madurai Kamaraj University

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## EVENT REPORT

Department of Chemistry, Mohamed Sathak AJ College of Engineering, Chennai organized a 3days Faculty Development Programme on “**Green Chemistry towards Sustainable Development**” in a grand manner.

The FDP started with 66 participants from different institutions on 27.05.2020 at 10.30 am with welcome address and introduction of chief guest by Dr.A.Balakrishnan, Asso.Prof, Department of Chemistry MSAJCE.

The first day 27.05.2020 (Wednesday) session was handled by the guest speaker Dr.G.Gnanakumar, Professor & Head, Department of Physical Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai. The speaker elaborated in detail about, **Development of 3D Nanoarchitectures for High Performance and Durable Fuel Cells..** During the session he explained various suitable examples to make the participants understand clearly. In the discussion time with the participants, he answered all the questions patiently up to the participants’ satisfaction.

The second day 28.05.2020 (Thursday) session was handled by the guest speaker Dr.P.Shanmugam, Sr. Principal Scientist, Organic & Bio-organic Chemistry, CSIR-Central Leather Research Institute. He explained in detail about **Green Chemistry for Organic for Organic Synthesis**. During the discussion session, he meticulously elaborated in detail for the participants’ questions.

The third day 29.05.2020 (Friday) session was handled by the guest speaker Dr.P.Elumalai, Professor & Head, Centre for Green Energy Technology, Pondicherry University. The speaker elaborated in detail about, **Sustainably – derived Electrode Materials for Battery, Super capacitor and Supercapattery..** During the session he explained various types of fuel cells and its advantages clearly. In the discussion time with the participants, he answered all the questions patiently up to the participants’ satisfaction.

Dr.A.Balakrishnan, Associate Professor / Chemistry & Convenor of this FDP proposed the vote of thanks to the chief guest, guest of honor.

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