



ISO 9001:2015 Certified Institution

# J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)  
Accredited by NAAC "A" Grade

**Smt.M.VASANTHAKUMARI**  
Chairman & Managing Trustee

**Smt.M.KASTHURIPRIYA** MBA.,  
Secretary

**Dr.K.SRIDHARAN** Ph.D.,  
Principal

**DATE: 20/04/2023**

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that the average percentage of professional development/ administrative training programs organized by the institution for teaching and non-teaching staff during academic year 2021-2022. The details are given below:

Academic Year	2021-2022
Total no of programs organized	11

  
20/4/23  
PRINCIPAL

**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Thookanaikenpalayam - 638506, Gobi(TK), Erode(DT), Tamilnadu

Phone: 04285 260754 / 55, Email : principal309@gmail.com, Website:www.jkkmct.edu.in

**APPROVAL FOR ORGANISING A FACULTY DEVELOPMENT  
PROGRAMME**

**From**

Dr. C. Saravanan,  
Professor & Head,  
Department of Electrical & Electronics Engineering  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

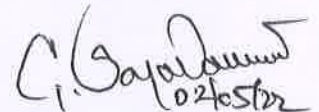
**Respected Sir,**

**SUB: Requesting Permission to conduct FDP-Reg.**

The department of Electrical & Electronics Engineering has planned to organize a seven days Faculty Development Program (FDP) in the topic of **“ELECTRIC VEHICLE TECHNOLOGY”** from **09.05.2022 to 15.05.2022**. For the benefit of our college department staff updates their knowledge about the Electric vehicle overall technology. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

**Thank You**

Yours Sincerely,

  
(Dr. C. Saravanan)

*Permitted  
Sreedh*



**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GOBI (Tk), ERODE (Dt).**



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



JKKMCT/CIRCULAR/MAY-2022

DATE: 02/05/2022

## CIRCULAR

The Department of Electrical & Electronics is planning to organize a Faculty Development program on “ELECTRIC VEHICLE TECHNOLOGY” for the benefit of faculty members from 09.05.2022 to 15.05.2022. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 05/05/2022.

  
PRINCIPAL 28/5/22

### Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board



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JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

## InvitedSpeakers

**Mr. M. ParthibanManickam,**  
Managing Director,  
M/S. Caliber Virtual Technologies,  
Salem.

**Mr. K. Ramesh Babu,**  
Automation Engineer,  
M/S. Caliber Virtual Technologies,  
Erode.



**Mail your Registration forms:**

**Dr. C. SARAVANAN**

Professor & Head/EEE

J.K.K. Munirajah College of  
Technology,

T.N.Palayam, Gobichetipalayam,  
Erode Dt-638 506.

**Phone: 04285-260755.**

**Email: hodeee@jkkmct.edu.in**

## RegistrationCommittee

**Mr.S. M. Pranesh** 9080470505

**Mr. T. S. Thambiran** 9865882591

**Mr. A. Vigneshkumar**9500678747

**Mr.C. Sasikumar** 9944717271

## ORGANIZING COMMITTEE

### Chief Patrons

**Mrs. Vasanthakumari**  
**Munirajah, Chairman,**

### Secretary

**Mrs. Kasthuripriya Kirupakaramurali,**  
**MBA.,**

### Patron

**Dr. K. Sridharan, M.E., MBA., MISTE., Ph.D.,**  
**Principal, JKKMCT**

### Convener

**Dr. C. Saravanan, ME, Ph.D., MISTE.,**  
**Professor & Head/EEE/ JKKMCT**

### Co-Convener

**Mr.T.S. Thambiran,**  
**Assistant Professor,**  
**Department of EEE,**

## Participant/SelectionProcedure

Faculty members, Research Scholars and our other institution faculty members. Maximum number of participants is limited to 50, hence, the selection will be based on first-come, first-served basis.

### No RegistrationFee

Registration can be made through  
<http://www.jkkmct.org/rec-fdp-2022>

No TA/DA will be given.

### Important Dates

Last date for receipt of filled in applications

**28<sup>th</sup> April, 2022**

Date of intimation regarding selection:

**30<sup>th</sup> April, 2022**

## FACULTY DEVELOPMENT PROGRAM (FDP)

On

# ELECTRIC VEHICLE TECHNOLOGY

(09/05/2022 to 15/05/2022)

Organized by

## EMINANCE ASSOCIATION

Of

**Department of Electrical &  
Electronics Engineering**

**J.K.K. MUNIRAJAH COLLEGE**

**OF TECHNOLOGY**

**T. N. PALAYAM,  
GOBICHETTIPALAYAM,  
ERODE, TN-638056**



*Handwritten signature*  
**PRINCIPAL**  
**J.K.K. MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (P.O. 638056)**  
**GOBICHETTIPALAYAM, ERODE (TN)**

## About the College

J.K.K. Munirajah college of Technology was established in the year 2008 Governed by Annai J.K.K. Sampoorani Ammal Charitable Trust, primarily with the objective of delivering world class quality in Education and Training in a structured and systematic manner J.K.K. Munirajah group of Institutions was founded by J.K.K. Munirajah, who is a reputed industrialist, technocrat, an educationalist par excellence, an avid social worker, a person imbibed in deep spiritual values and a philanthropist. The management has completed 25 years of dedicated service to the people of India and abroad in the field of Education. The Institution has an area of 250 acres of land richly endowed with beautiful Greenland. The college with its state-of-the-art infrastructural facilities and excellent academic records has earned recognition as one of the reputed educational institutions for men and women in India.

## About the Department

The J.K.K. Munirajah college of Technology has introduced the 4 year courses are B.E (Electrical and Electronics Engineering) in the year of 2008. The course was approved by AICTE, New Delhi and affiliated by ANNA University at Chennai. The Electrical and Electronic Engineering strives towards updating the syllabus. So that the students are always equipped with advanced technology to meet Industrial standard Hi-tech Laboratories also render the necessary expertise. To develop the department as a center of excellence to take care of the local and regional needs related to Electrical Engineering activity, and to encourage students and faculty to undertake research Programme & Projects of multi – disciplinary characters

## Course Highlights

- Brief Introduction to History and Architecture of EV
- Electric Vehicle Power train
- Electric propulsion units for EV/ HEV
- Power Converters for Electric Vehicle Applications
- Sizing of drive system of EV
- Optimal control of EV /HEV
- Energy Management Strategies
- Simulation of EV in MATLAB/ ADVISOR software

## Insights of the programme

Introduction to Electric Vehicles Architecture and Technologies. Storage Technologies and Energy Management used in Electric Vehicles. Application of Power Electronics and Control Systems in EVs. Modelling and simulation of Electric Vehicle and Hybrid Vehicles in MATLAB/Simulink Environment. Scheduling of EV charging and Safety of EVs. Impact of Electric Vehicles on Grid Quality Future Technology in EV.

## Objectives of the programme

Transport is a fundamental requirement of modern life, but the traditional combustion engine is quickly becoming outdated. Petrol or diesel vehicles are highly polluting and are being quickly replaced by fully electric vehicles. Fully electric vehicles (EV) have zero tailpipe emissions and are much better for the environment. The electric vehicle revolution is here, and you can be part of it. Will your next vehicle be an electric one.

Explore the recent trends and challenges in the area of Electrical Vehicles. Analyze the use of different power electronic converters, Inverters and motors in electric vehicles. Understand the use of different battery systems used for electric vehicles and the appropriate technologies and controls in EVs. To develop and promote research interest in applying different techniques to solve critical problems in EV.



## REGISTRATION FORM

# ELECTRIC VEHICLE TECHNOLOGY

On

09/05/2022 to 15/05/2022

Name (in BLOCK LETTERS)

Mr./ Ms/Dr. \_\_\_\_\_

Designation & Department

Name of the Institution/Organization

Address for Communication

E-Mail \_\_\_\_\_

Contact Number Office

Mobile \_\_\_\_\_

Signature  
Place:

Signature of Principal



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



## ELECTRIC VEHICLE TECHNOLOGY

09.05.2022 to 15.05.2022

### SCHEDULE PLAN

DATE	FORENOON		AFTERNOON
09.05.2022	<b>Inaugural function</b> Introduction to Electric Mobility, Policy, Guidelines, World scenario, Trends and Challenges	<b>LUNCH BREAK</b>	Development, Integration and Challenges. Multiphase power trains for Electric Vehicles
10.05.2022	Electric Vehicle Architecture Design EMI/EMC in Electric Vehicles		Power Electronics and their controllers Battery Technologies in Electric
11.05.2022	V2G and G2V Technologies An overview of Vehicle to Grid (V2G) Technology		Electric Vehicles Emerging Charging Developments. Battery Management System in Electric Vehicles
12.05.2022	Recent Developments and Study of Power Electronic converters in Electric Vehicles		Emerging trends on energy storage/Battery management
13.05.2022	Digital controllers Implementations for Electric Vehicle Vehicles (overview		Renewable energy utilization in Electric Vehicles charging station
14.05.2022	Modelling and simulation of Electric Vehicle and Hybrid Vehicles in MATLAB/Simulink Environment;		Packing, Structure of different elements to design EV; Feasibility & future scope.
15.05.2022	Start Up Opportunities in Electric Vehicle Sector Charging solutions for Electric Vehicles		Technological Evolution in Autonomous Electric Vehicle and Research Opportunities <b>Valedictory Function</b>

*C. Gayathri*  
02/05/22  
CO-ORDINATOR

*Seedh*

*Seedh*  
14/5/22  
PRINCIPAL

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (DT)



## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	TRAINING PROGRAM
Title of the Event	<b>ELECTRIC VEHICLE TECHNOLOGY</b>
Date of Event Organized	<b>09.05.2022 to 15.05.2022</b>
No of Participants	20
Venue	Seminar Hall
Name of Chief Guest/Speakers	<b>Mr. M. Parthiban Manickam,</b> Managing Director, M/S. Caliber Virtual Technologies, Salem.  <b>Mr. K. Ramesh Babu,</b> Automation Engineer, M/S. Caliber Virtual Technologies, Erode.

### Description/Conclusion:

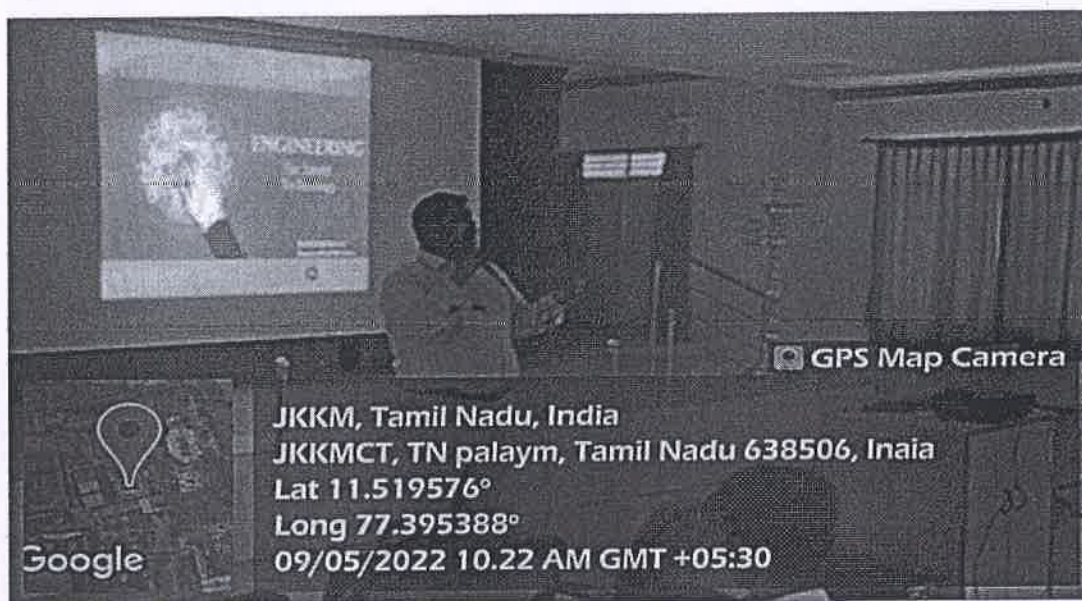
The running cost of an electric vehicle is much lower than an equivalent petrol or diesel vehicle. Electric vehicles use electricity to charge their batteries instead of using fossil fuels like petrol or diesel. Electric vehicles are more efficient, and that combined with the electricity cost means that charging an electric vehicle is cheaper than filling petrol or diesel for your travel requirements. Using renewable energy sources can make the use of electric vehicles more eco-friendly. The electricity cost can be reduced further if charging is done with the help of renewable energy sources installed at home, such as solar panels.

**PRINCIPAL**

**JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY**

**T.N. PALAYAM (Po)-638 506.**

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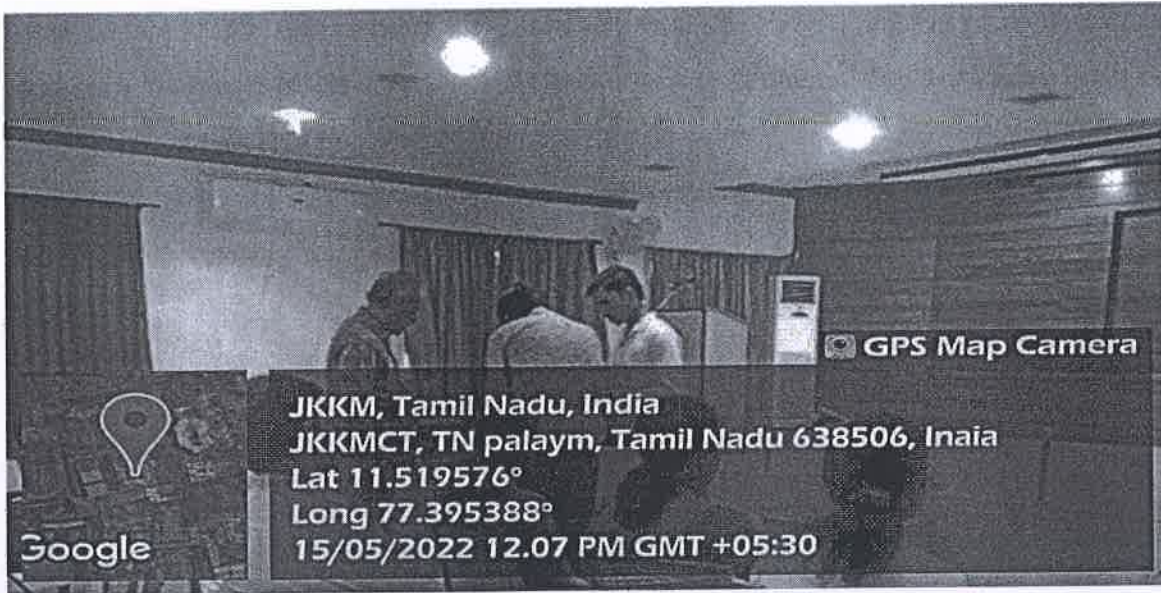
Resource Person **Mr. M. Parthiban**, M.D, M/S. Caliber Virtual Technologies, deliver the EV vehicle technology

The running cost of an electric vehicle is much lower than an equivalent petrol or diesel vehicle. Electric vehicles use electricity to charge their batteries instead of using fossil fuels like petrol or diesel. Electric vehicles are more efficient, and that combined with the electricity cost means that charging an electric vehicle is cheaper than filling petrol or diesel for your travel requirements. Using renewable energy sources can make the use of electric vehicles more eco-friendly. The electricity cost can be reduced further if charging is done with the help of renewable energy sources installed at home, such as solar panels.

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OF TECHNOLOGY**

**T.N. PALAYAM (Po)-638 506.**



Resource Person **Mr. K. Ramesh Babu**, Automation Engineer, M/S. Caliber Virtual Technologies, discuss the topic of EV vehicle charging system

### **BENEFITS OF ELECTRIC VEHICLES**

- No noise pollution
- Convenience of charging at home
- Electric Vehicles are easy to drive and quiet
- Petrol and diesel use is destroying our planet
- Tax and financial benefits
- Zero Tailpipe Emissions
- Low maintenance cost
- Lower running costs

*C. Gayathri*  
15/05/22  
**PROGRAM CO-ORDINATOR**

*Sreedh*  
15/5/22  
**PRINCIPAL**

*Sreedh*  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**



FDP on “ ELECTRIC VEHICLE TECHNOLOGY ”  
09.05.2022 to 15.05.2022  
PARTICIPANTS LIST

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Dr.C.Saravanan	Professor & Head of the Department	C. Saravanan
2.	Mr.T.S.Thambiran	Assistant Professor	T.S. Thambiran
3.	Mr.S.M.Pranesh	Assistant Professor	S.M. Pranesh
4.	Mr.A.Vigneshkumar	Assistant Professor	A. Vigneshkumar
5.	Mr.C.Sasikumar	Assistant Professor	C. Sasikumar
6.	Mr.S.Satheeshkumar	Assistant Professor	S. Satheeshkumar
7.	Mr.G.Palanisamy	Assistant Professor	G. Palanisamy
8.	Mr.R.Dhivya	Assistant Professor	R. Dhivya
9.	Mr.G. Ramachandran	Assistant Professor	G. Ramachandran
10.	Mr.S.Umesh	Assistant Professor	S. Umesh
11.	Dr.C.Murugesan	Professor & Head of the Department	C. Murugesan
12.	Mr.D.Anadakumar	Assistant Professor	D. Anadakumar
13.	Mrs.U.Sasikala	Assistant Professor	U. Sasikala
14.	Mrs.R.Kokila	Assistant Professor	R. Kokila
15.	Mrs.N.Gomathi	Assistant Professor	N. Gomathi
16.	Mrs.M.Sivaranjani	Assistant Professor	M. Sivaranjani
17.	Mrs.B.P.BrightThangaMahizh	Assistant Professor	B.P. BrightThangaMahizh
18.	Mr.P.Dhakshinamoorthi	Assistant Professor	P. Dhakshinamoorthi
19.	Ms.S.Abinaya	Assistant Professor	S. Abinaya
20.	MrsN..Mythili	Assistant Professor	N. Mythili

C. Saravanan  
15/05/22  
PROGRAM CO-COORDINATOR

Sreedh  
PRINCIPAL

Sreedh  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (PO)-638 506.  
GOBI (TK), ERODE (DT).

**APPROVAL FOR ORGANISING A FACULTY DEVELOPMENT  
PROGRAMME**

**From**

V MAGESH,  
Assistant Professor & Head,  
Department of Automobile Engineering  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**Respected Sir,**

**SUB: Requesting Permission to conduct FDP-Reg.**

The department of Electrical & Electronics Engineering has planned to organize a six days Faculty Development Program (FDP) in the topic of "**Advances in fuel cell technology**" from **04.04.2022 to 09.04.2022**, for the benefit of our college department staff updates their knowledge about the Electric vehicle overall technology. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

**Thank You**

Yours Sincerely,



(Mr. V. Magesh)

*Proposed  
Accepted*

  
**PRINCIPAL**

**JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).**



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

JKKMCT/CIRCULAR/MAR-2022

DATE: 25/03/2022


## CIRCULAR

The Department of Automobile Engineering is planning to organize a Faculty Development program on “Advances in fuel cell technology” for the benefit of faculty members from **04.04.2022 to 09.04.2022**. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 01/04/2022.

  
25/3/22  
PRINCIPAL

### Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

## ABOUT THE COLLEGE

J.K.K. Munirajah is a reputed industrialist, technocrat, an educationalist, and excellence in a void social worker, a person imbued in deep spiritual values and a Philanthropist. J.K.K. Munirajah founded a Charitable Trust by name Annai J.K.K. Sampoorani Ammal Trust, Komarapalayam-638 183, Namakkal Dt., and Tamilnadu in the year of 1971. J.K.K. Munirajah established many temples of leaving to perpetuate the ever lasting memory of his beloved mother. At present Annai J.K.K. Sampoorani Ammal Charitable Trust maintains and runs Paramedical Institutions offering Diploma, Graduate and Post Graduate courses in Pharmacy, Nursing, Physiotherapy and Occupational Therapy at Komarapalayam, Namakkal Dt and a Polytechnic, Community Polytechnic and a Industrial Training Center at T.N.Palayam, Erode Dt. These educational Institutions are temples of Learning and have contributed much to a formidable social change in our society. The Trust has won many National and State awards. They are renowned educational institutions spared nothing to promote knowledge, wisdom and service-orientation.

## ABOUT THE DEPARTMENT

The Automobile Engineering Department was started in the year 2010. The department offers four years B. E -Automobile Engineering. The department has a team of highly qualified, dedicated and motivated faculty

and well equipped laboratories with facilities for UG. B.E has been accredited by AICTE, New Delhi. The goal of the Automobile engineering curriculum is to create a flexible undergraduate educational experience in design, mathematics, modeling, computing, management, and engineering science. Principal study topics include fluid mechanics, thermodynamics & heat transfer, solid mechanics, materials engineering, manufacturing, energy systems, dynamics & computer Aided Design (CAD) and others.

## ABOUT THE PROGRAMME

Studying entrepreneurship benefits students and Warmers from different social and economic backgrounds because it teaches people to cultivate unique skills and think outside the box. Moreover, it creates opportunity, instills confidence, ensures social Justice and stimulates the economy. The workshop will have an ideal foundation for budding Engineers the self-management will enable individuals to develop the needed disciplines that help bridge the gaps between goals and accomplishment. High achievers are people who have learned to effectively manage themselves, tapping into resources available to motivate themselves toward the fulfillment of their fullest potential. The Sessions will be handled by expert.

## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM FACULTY DEVELOPMENT PROGRAM

On

## ADVANCES IN FUEL CELL TECHNOLOGY

04-04-2022 to 09-04-2022

Organized by



Department of Automobile Engineering

J.K.K. MUNIRAJAH COLLEGE OF  
TECHNOLOGY, T.N.PALAYAM

*Heed*  
**PRINCIPAL**  
**J.K.K. MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**

T.N. PALAYAM (Po) 638 505  
GOVT. (TK), ERODE (DI)

Phone No: 04285-260754-55, Fax: 04285-260755. E-mail: [jkkmechtrix@gmail.com](mailto:jkkmechtrix@gmail.com),

Website: [www.jkkmct.org](http://www.jkkmct.org)

**ORGANIZING COMMITTEE**

**Convener:** S.GANESH KUMAR  
Assistant Professor,  
Automobile Engineering,  
JKKMCT, Gobi

**Coordinators:** V.P.ARULMURUGAN,  
Assistant Professor,  
Automobile Engineering,  
JKKMCT, Gobi

**ONE WEEK FDP**

On

**ADVANCES IN FUEL CELL  
TECHNOLOGY**

Department of Automobile Engineering

**J.K.K. MUNIRAJAH COLLEGE  
OF TECHNOLOGY,  
T.N.PALAYAM**

MOBILE: 9789444882

EMAIL: kongulion@gmail.com

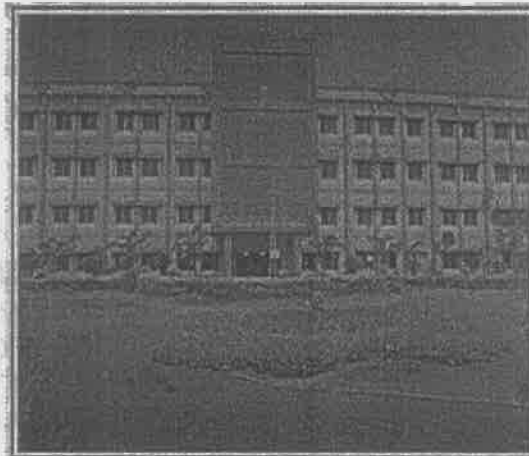
**SESSION DETAILS**

- 1.Recent catalyst developments are key to the future of fuel cell technology.
- 2.To understand Safety standards, advances in towards autonomous vehicles.
3. Vehicle on board and off board diagnostics..

**RESOURCE PERSONS**

**Mr. M. PARTHIBAN,**  
Managing Director,  
M/S. Caliber Virtual Technologies,  
Salem.

**Mr. K. RAMESH,**  
Automation Engineer,  
M/S. Caliber Virtual Technologies,  
Erode.



**J.K.K. MUNIRAJAH COLLEGE OF  
TECHNOLOGY, T.N.PALAYAM**

**ONE WEEKFDP**

On

**ADVANCES IN FUEL CELL TECHNOLOGY**

04-04-2022 to 09-04-2022

REGISTRATION FORM

Name: .....

Gender: MALE/FEMALE

Qualification: .....

Address for Communication:

.....  
.....  
.....

PIN.....

Email.....

Mobile No.....

Date:

Place:

**Signature of the Applicant**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY**

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.




**ADVANCES IN FUEL CELL TECHNOLOGY**  
**04.04.2022 to 09.04.2022**

**SCHEDULE PLAN**

Date/Time	10.00am-11.30m	11.30am-11.45am	11.45am-1.00pm	1.00pm-2.00pm	2.00pm-4.00pm
04.04.2022	Inaugural Function	Tea Break	Introduction of IC Engines	Lunch	Technological Development
05.04.2022	Diagnostic Tools	Tea Break	Water Management	Lunch	Accelerated Testing
06.04.2022	Four Stroke Engine	Tea Break	Comparison of SI and CI Engine	Lunch	Comparison of Otto, Diesel and Dual Cycle
07.04.2022	Fuels & Fuel Injection	Tea Break	Diesel Injection System	Lunch	Reduce Fuel cell Costs
08.04.2022	Oxygen Reduction Reaction	Tea Break	Testing and Performance IC Engines	Lunch	Lubrication System
09.04.2022	Compares Different types of Fuel Cells	Tea Break	Hydrogen Energy	Lunch	The Potential Applications of fuel Cells are Discussed.

  
CO-ORDINATOR

  
PRINCIPAL

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
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## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	FACULTY DEVELOPMENT PROGRAM
Title of the Event	<b>ADVANCES IN FUEL CELL TECHNOLOGY</b>
Date of Event Organized	<b>04.04.2022 to 09.04.2022</b>
No of Participants	16
Venue	Mechanical smart class
Name of Chief Guest/Speakers	<b>Mr. M. Parthiban Manickam,</b> Managing Director, M/S. Caliber Virtual Technologies, Salem.  <b>Mr. K. Ramesh Babu,</b> Automation Engineer, M/S. Caliber Virtual Technologies, Erode.

### Description/Conclusion:

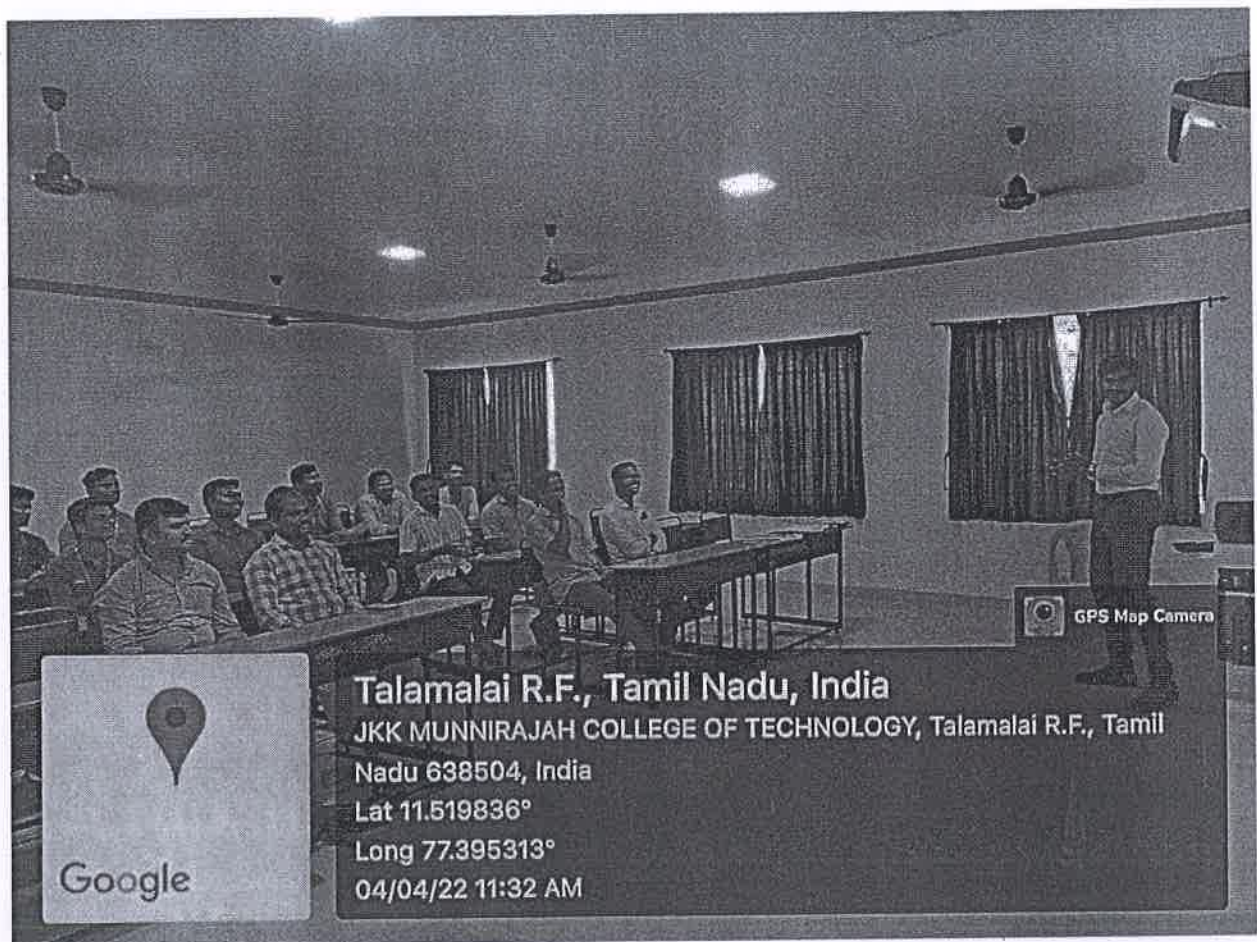
A fuel cell is an electrochemical cell that converts the chemical energy of a fuel (often hydrogen) and an oxidizing agent (often oxygen) into electricity through a pair of redox reactions. Fuel cells are different from most batteries in requiring a continuous source of fuel and oxygen (usually from air) to sustain the chemical reaction, whereas in a battery the chemical energy usually comes from substances that are already present in the battery. Fuel cells can produce electricity continuously for as long as fuel and oxygen are supplied. There are many types of fuel cells, but they all consist of an anode, a cathode, and an electrolyte that allows ions, often positively charged hydrogen ions (protons), to move between the two sides of the fuel cell. At the anode, a catalyst causes the fuel to undergo oxidation reactions that generate ions (often positively charged hydrogen ions) and electrons.

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JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY

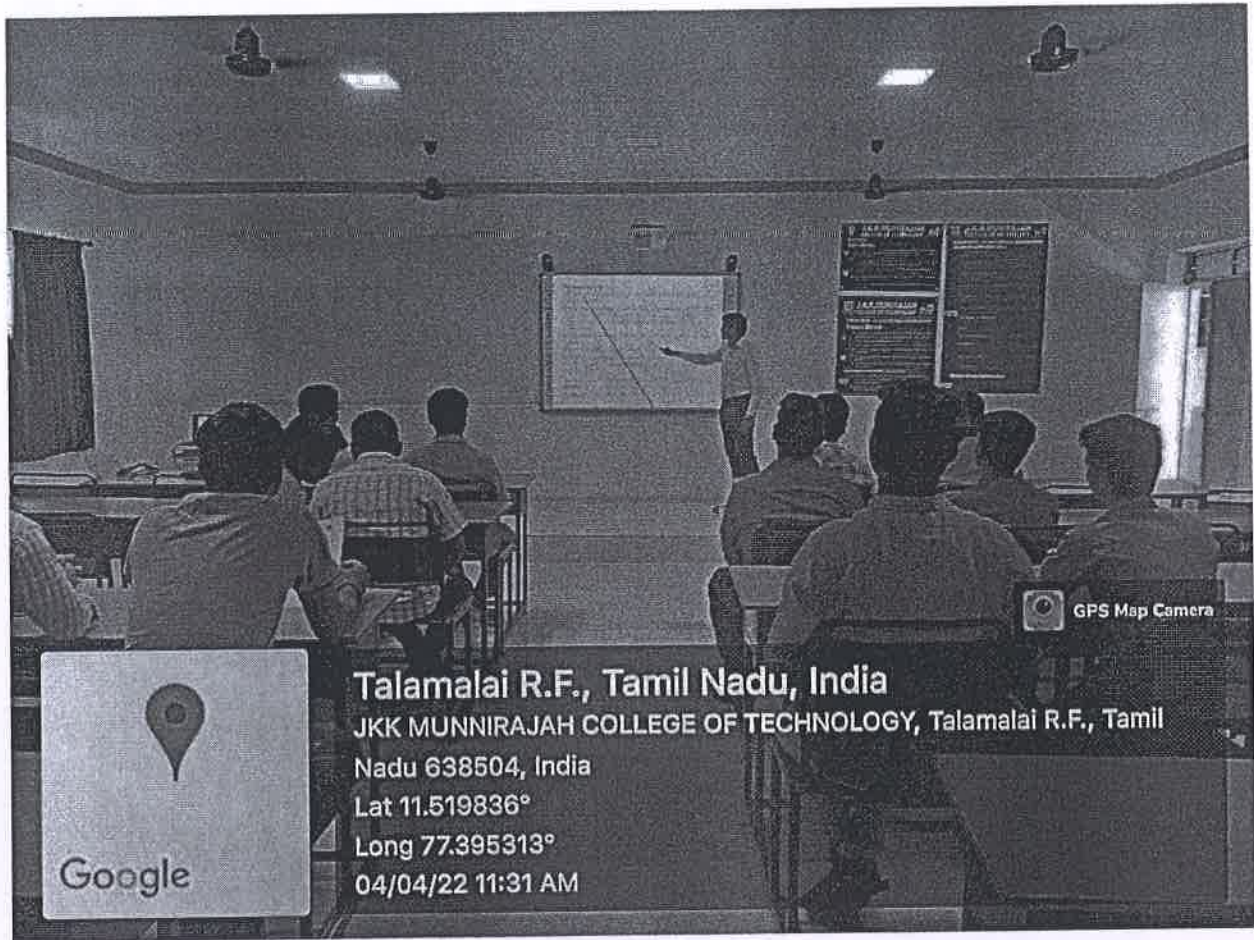
T.N. PALAYAM (Po)-638 506.

The ions move from the anode to the cathode through the electrolyte. At the same time, electrons flow from the anode to the cathode through an external circuit, producing direct current electricity. At the cathode, another catalyst causes ions, electrons, and oxygen to react, forming water and possibly other products.



**Pic-FACULTY DEVELOPMENT PROGRAM ON ADVANCES IN FUEL CELL TECHNOLOGY**  
**04.04.2022 to 09.04.2022**

  
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**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**




**Pic-FACULTY DEVELOPMENT PROGRAM ON ADVANCES IN FUEL CELL  
TECHNOLOGY  
04.04.2022 to 09.04.2022**

**Speaker Details:**

Mr. M. ParthibanManickam, working as Managing Director in Caliber Virtual Technologies at salem and Mr. K. Ramesh Babu, working as Automation Engineer in Caliber Virtual Technologies at erode.

  
**PROGRAM CO-ORDINATOR**

  
**PRINCIPAL**

  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



FDP on “ ADVANCES IN FUEL CELL TECHNOLOGY ”  
04.04.2022 to 09.04.2022

PARTICIPANTS LIST

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Mr.M.Thiyakarajan	Assistant Professor & Head of The Department	M. Thiyakarajan
2.	Mr.E.Deeparaj	Assistant Professor	E. Deeparaj
3.	Mr.K.Govinthasamy	Assistant Professor	K. Govinthasamy
4.	Mr.S.Karthikeyan.	Assistant Professor	S. Karthikeyan
5.	Mr.S.Keerthirajan.	Assistant Professor	S. Keerthirajan
6.	Mr.E.Prabhuraj	Assistant Professor	E. Prabhuraj
7.	Mr.K.S.Ramesh	Assistant Professor	K. S. Ramesh
8.	Mr.M.Sivakumar	Assistant Professor	M. Sivakumar
9.	Mr.K.Sriram	Assistant Professor	K. Sriram
10.	Mr.P.Suresh	Assistant Professor	P. Suresh
11.	Mr.S.Jayavel	Assistant Professor	S. Jayavel
12.	Mr.V.Magesh	Assistant Professor & Head of the Department	V. Magesh
13.	Mr. V.P.ArulMurugan	Assistant Professor	V. P. ArulMurugan
14.	Mr.K.Gopalakrishnan	Assistant Professor	K. Gopalakrishnan
15.	Mr.S.GaneshKumar	Assistant Professor	S. GaneshKumar
16.	Mr.P.Eswaran	Assistant Professor	P. Eswaran

S. Ganesh Kumar  
9/4/22  
PROGRAM CO-COORDINATOR

Jeeell  
PRINCIPAL

Jeeell  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

**APPROVAL FOR ORGANISING AN FACULTY DEVELOPMENT  
PROGRAMME**

**From**

Mr. K. Sriram,  
Assistant Professor & Head,  
Department of Mechanical Engineering  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.


**Respected Sir,**


**SUB: Requesting Permission to conduct FDP-Reg.**


The department of Mechanical Engineering has planned to organize a six days Faculty Development Program (FDP) in the topic of "**Advanced Technology in IC Engines**" from **21.3.2022 to 26.3.2022**, for the benefit of our college department staffs updates their knowledge. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

**Thank You**

Yours Sincerely,

  
21/3/22  
(Mr. K. Sriram)

  
24/3/22

  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GOBI (Tk), ERODE (Dt).**



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



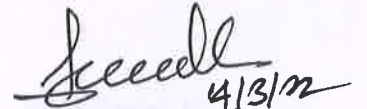
Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

JKKMCT/CIRCULAR/MAR-2022

DATE: 14/03/2022


## CIRCULAR

The Department of Electrical & Electronics is planning to organize a Faculty Development program on “Advanced Technology in IC Engines” for the benefit of faculty members from 21.3.2022 to 26.3.2022. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 19/3/2022.

  
PRINCIPAL 4/3/22

### Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

## ABOUT THE COLLEGE

J.K.K. Munirajah is a reputed industrialist, technocrat, an educationalist, and excellence in a void social worker, a person imbued in deep spiritual values and a Philanthropist. J.K.K.Munirajah founded a Charitable Trust by name Annai J. K.K. Sampoorani Ammal Trust, Komarapalayam-638 183, Namakkal Dt., and Tamilnadu in the year of 1971. J.K.K.Munirajah established many temples of leaving to perpetuate the ever lasting memory of his beloved mother. At present Annai J.K.K. Sampoorani Ammal Charitable Trust maintains and runs Paramedical Institutions offering Diploma, Graduate and Post Graduate courses in Pharmacy, Nursing, Physiotherapy and Occupational Therapy at Komarapalayam, Namakkal Dt and a Polytechnic, Community Polytechnic and a Industrial Training Center at T.N.Palayam, Erode Dt. These educational Institutions are temples of Learning and have contributed much to a formidable social change in our society. The Trust has won many National and State awards. They are renowned educational institutions spared nothing to promote knowledge, wisdom and service-orientation.

## ABOUT THE DEPARTMENT

The Mechanical Engineering Department was started in the year 2010. The department offers four years B. E -Mechanical Engineering. The department has a team of highly qualified, dedicated and motivated faculty

and well equipped laboratories with facilities for UG. B.E has been accredited by AICTE, New Delhi. The goal of the Mechanical engineering curriculum is to create a flexible undergraduate educational experience in design, mathematics, modeling, computing, management, and engineering science. Principal study topics include fluid mechanics, thermodynamics & heat transfer, solid mechanics, materials engineering, manufacturing, energy systems, dynamics & computer Aided Design (CAD) and others.

## ABOUT THE PROGRAMME

Studying the energy sector has accelerated technical progress in thermal power plants technology. One of the most important objectives in the development of thermal power plants is to optimize the plant heat rate. The power producers recognize that the low-cost, low-emissions and most efficient thermal power plants are becoming workhorses in the power generation industry. The primary objective of this FDP is to review the factors effecting thermal power plant heat rate and efficiency. The latest development in the thermal power plant design is presented. Techniques to accurately measure the DCS I/O points and the resulting effect on the efficient and reliable plant operation are reviewed. The importance of training the plant operators through real time, dynamic and plant replicated simulators is presented. The seminar concluded with an open brain storming session to discuss thermal power plant related queries and issues.

## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY T.N.PALAYAM

ONE WEEK FDP

On

ADVANCED TECHNOLOGY IN IC ENGINES

21-03-2022 to 26-03-2022

Organized by



Department of Mechanical Engineering

J.K.K. MUNIRAJAH COLLEGE OF  
TECHNOLOGY,  
T.N.PALAYAM

Tel No: 04285-260754-55, Fax: 04285-260755. E-mail: [jkkmechtrix@gmail.com](mailto:jkkmechtrix@gmail.com),

Website: [www.jkkmct.org](http://www.jkkmct.org)

*Senthil*  
PRINCIPAL  
J.K.K. MUNIRAJAH COLLEGE  
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

**ORGANIZING COMMITTEE**

**Convener:** K.SRIRAM,  
Assistant Professor,  
Mechanical Engineering,  
JKKMCT, Gobi

**Coordinators:** M.SIVAKUMAR,  
Assistant Professor,  
Mechanical Engineering,  
JKKMCT, Gobi

**ONE WEEK FDP**

On

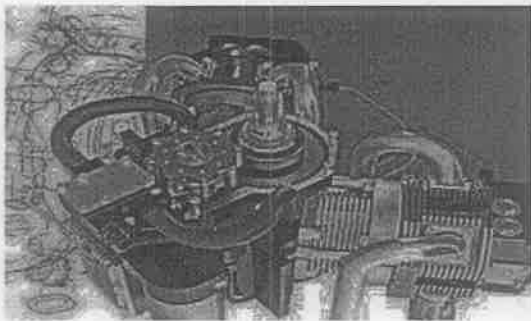
**ADVANCED TECHNOLOGY IN IC ENGINES**

Department Of Mechanical Engineering

**J.K.K. MUNIRAJAH COLLEGE OF  
TECHNOLOGY, T.N.PALAYAM**

Mobile : 9597553594

Email: [siva36mech@gmail.com](mailto:siva36mech@gmail.com)



**SESSION DETAILS**

- Product development processes
- Current status, & future prospect of IoT
- The potential of IoT
- Technological challenges IoT

**RESOURCE PERSONS**

**Dr. V. THANIGAIVELAN – M.E (Ph.d)**

Associate Professor,

SRM Institute of Science & Technology,

Ramapuram Campus

E-mail: [thanigailav@gmail.com](mailto:thanigailav@gmail.com)

**IMPORTANT DATES**

Last Date for Receipt of Registration form:

19.03.2022

**J.K.K. MUNIRAJAH COLLEGE OF**

**TECHNOLOGY**

**T.N.PALAYAM**

**ONE WEEK FDP**

On

**ADVANCED TECHNOLOGY IN IC ENGINES**

21-03-2022 to 26.03.2022

**REGISTRATION FORM**

Name: .....

Gender: **MALE/FEMALE**

Qualification: .....

Address for Communication:

.....

.....

.....

PIN.....

Email.....

Mobile No. ....

Date:

Place:

**Signature of the applicant**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY**

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



**ADVANCED TECHNOLOGIES IN IC ENGINES**  
**21.03.2022 to 26.03.2022**

**SCHEDULE PLAN**

Date/Time	10.00am-11.30m	11.30am-11.45am	11.45am-1.00pm	1.00pm-2.00pm	2.00pm-4.00pm
21-03-2022	Inaugural Function	Tea Break	Introduction of IC Engines	Lunch	How Does an Internal Combustion Engine Work?
22-03-2022	Improving Combustion Engines	Tea Break	Main Components of Reciprocating IC Engines	Lunch	Terminology Used in IC Engine
23-03-2022	Four Stroke Engine	Tea Break	Comparison of SI and CI Engine	Lunch	Comparison of Otto, Diesel and Dual Cycle
24-03-2022	Fuels & Fuel Injection	Tea Break	Diesel Injection System	Lunch	Battery or Coil Ignition System
25-03-2022	Si Engine Combustion Chamber	Tea Break	Testing and Performance IC Engines	Lunch	Lubrication System
26-03-2022	Advantages & Disadvantages IC Engines	Tea Break	Do IC Engines have a Future?	Lunch	Application of IC Engines

  
24/3/22

CO-ORDINATOR

  
26/3/22  
PRINCIPAL

  
PRINCIPAL  
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OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).



## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



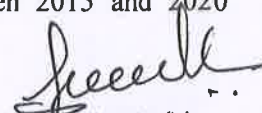
Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	TRAINING PROGRAM
Title of the Event	<b>ADVANCED TECHNOLOGY IN IC ENGINES</b>
Date of Event Organized	<b>21.3.2022 to 26.3.2022</b>
No of Participants	15
Venue	MECHANICAL SMART CLASS
Name of Chief Guest/Speaker	<b>Dr. V. Thanigaivelan – M.E (ph.D),</b> Associate Professor, SRM Institute of Science & Technology, Ramapuram Campus E-mail : thanigailav@gmail.com

### Description/Conclusion:

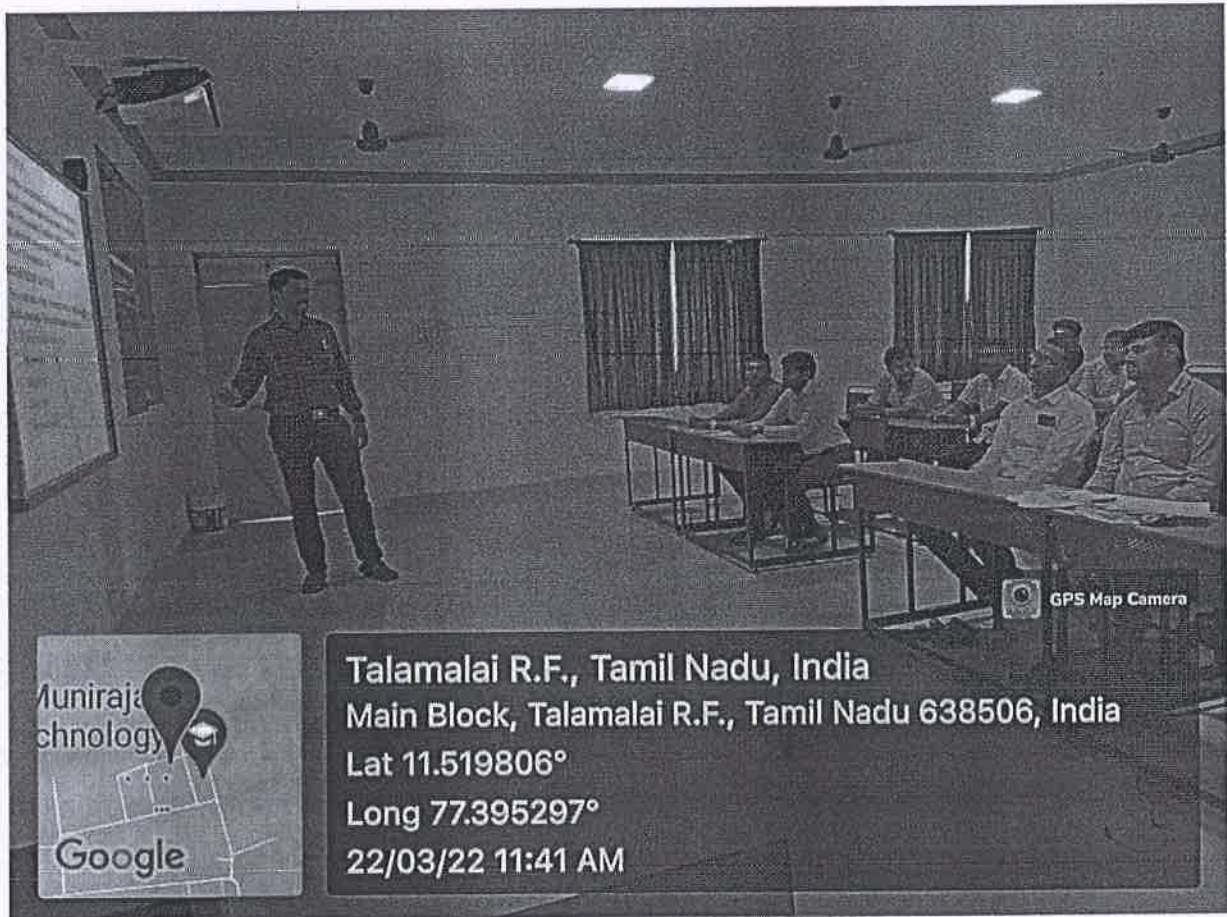
The student learning Product development processes, when several noteworthy articles outlined the merits of competing based on a best practices product development process. In 1986, Robert Cooper trademarked the Stage-Gate process, thus sparking the industry wave. Like all bodies of knowledge, time brings evolution and maturation. Some bodies take six decades to fully mature, which is also true for development processes. The surprisingly rapid arrival of the Internet of Things (IoT) and Industrial Internet of Things (IIoT) between 2015 and 2020

  
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OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

necessitates another incarnation of the product development process. And also learn the IoT will be no different than other product development process improvements.

They all had their "what does it all mean?" beginning. Companies that eagerly addressed early-market uncertainties were the first to become proficient. Other companies then copied their practices. These things are easily improve the students IOT related knowledge.

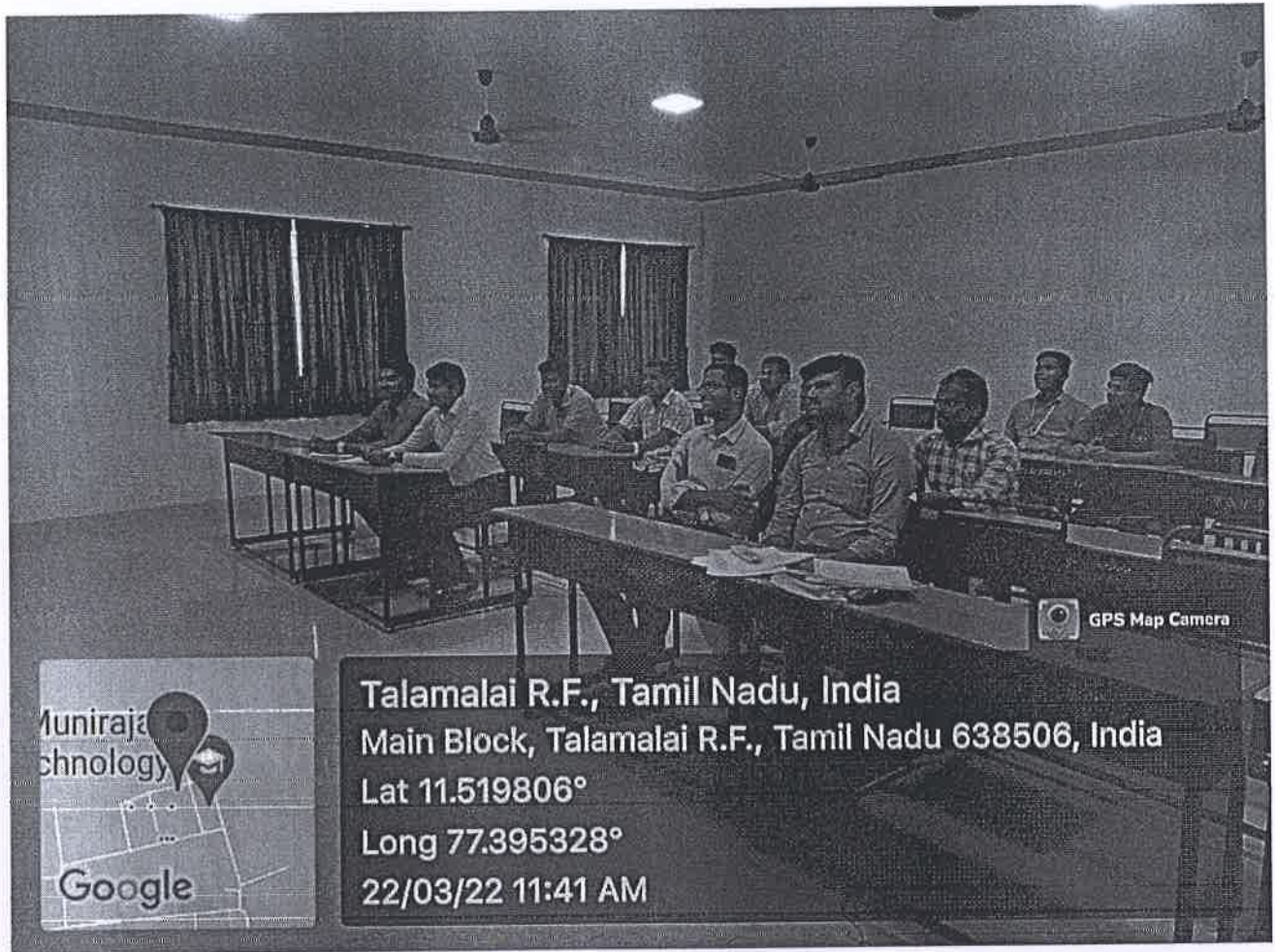


**Pic-TRAINING PROGRAMON ADVANCED TECHNOLOGIES IN IC ENGINES**

21.03.2022 to 26.03.2022

*Seedh*  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
T. N. PALAYAM (Po)-638 506.

*Seedh*  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).



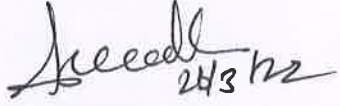
**Pic-TRAINING PROGRAMON ADVANCED TECHNOLOGIES IN IC ENGINES**


**21.03.2022 to 26.03.2022**

**Speaker Details:**

Dr. V.Thanigaivelan M.E., (ph,D), Working as Associate Professor in SRM Institute of science & Technology at Ramapuram Campus, Chennai.

  
**PROGRAM CO-ORDINATOR**

  
**PRINCIPAL**

  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GORU(TK), ERODE (Dt)**



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.




FDP on “ ADVANCED TECHNOLOGIES IN IC ENGINES ”  
21.03.2022 to 26.03.2022

PARTICIPANTS LIST

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Mr.M.Thiyakarajan	Assistant Professor & Head of The Department	M. Thiyakarajan
2.	Mr.E.Deeparaj	Assistant Professor	E. Deeparaj
3.	Mr.K.Govinthasamy	Assistant Professor	K. Govinthasamy
4.	Mr.S.Karthikeyan.	Assistant Professor	S. Karthikeyan
5.	Mr.S.Keerthirajan.	Assistant Professor	S. Keerthirajan
6.	Mr.E.Prabhuraj	Assistant Professor	E. Prabhuraj
7.	Mr.K.S.Ramesh	Assistant Professor	K. S. Ramesh
8.	Mr.M.Sivakumar	Assistant Professor	M. Sivakumar
9.	Mr.K.Sriram	Assistant Professor	K. Sriram
10.	Mr.P.Suresh	Assistant Professor	P. Suresh
11.	Mr.V.Magesh	Assistant Professor & Head of the Department	V. Magesh
12.	Mr. V.P.ArulMurugan	Assistant Professor	V. P. ArulMurugan
13.	Mr.K.Gopalakrishnan	Assistant Professor	K. Gopalakrishnan
14.	Mr.S.GaneshKumar	Assistant Professor	S. GaneshKumar
15.	Mr.P.Eswaran	Assistant Professor	P. Eswaran

  
PROGRAM CO-COORDINATOR

  
PRINCIPAL

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

**APPROVAL FOR ORGANISING AN FACULTY DEVELOPMENT  
PROGRAMME**

**From**

Dr. N. Sathyabalaji,  
Associate Professor & Head,  
Department of Information Technology,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**Respected Sir,**

**SUB:** Requesting Permission to conduct FDP-Reg.

The department of Information Technology has planned to organize a seven days Faculty Development Program (FDP) in the topic of **“CYBER SECURITY & BLOCK CHAIN TECHNOLOGY”** from **03.01.2022 to 08.01.2022**. For the benefit of our college department staff updates their knowledge about the cyber security & block chain technology. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.


**Thank You**

Yours Sincerely,



(DR. N. SATHYABALAJI)

*Permitted  
Sreedh*

  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GOBI (Tk), ERODE (Dt).**



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



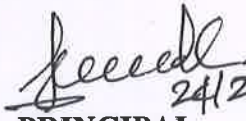
Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

JKKMCT/CIRCULAR/DEC-2021

DATE: 24/12/2021


## CIRCULAR

The Department of Information Technology is planning to organize a Faculty Development program on “**CYBER SECURITY & BLOCKCHAIN TECHNOLOGY**” for the benefit of faculty members from **03.01.2022** to **08.01.2022**. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 02/01/2022.

  
24/12/21  
PRINCIPAL

Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

## InvitedSpeakers

**Mr. Thippa Reddy Gadekallu,**  
Associate Professor,  
School of Information Technology &  
Engineering,

**Mr. BalaAnandMuthu**  
Director,  
Thirsty Crowz.



### Mailyour Registrationforms:

**Dr. N. SATHYABALAJI**  
Professor & Head/CSE  
J.K.K. Munirajah College of  
Technology, T.N.Palayam,  
Gobichetipalayam,  
Erode Dt-638 506.  
Phone: 04285-260755.  
Email: [hodcse@jkkmct.edu.in](mailto:hodcse@jkkmct.edu.in)

### RegistrationCommittee

*Mr. A. Sambathkumar*  
*Mrs. S. Kanimozhi*

*Seetha*  
**PRINCIPAL**

**JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).**

## ORGANIZINGCOMMITTEE

### Chief Patrons

**Mrs. Vasanthakumari Munirajah,**  
Chairman,

### Secretary

**Mrs. Kasthuripriya Kirupakarmurali, MBA.,**

### Patron.

**Dr. K. Sridharan, M.E., MBA., MISTE., Ph.D.,**  
Principal, JKKMCT

### Convener

**Dr. N. Sathyabalaji M.E., Ph.D., MISTE.,**  
Associate Professor & Head/IT/JKKMCT

### Coordinators

1. **Mrs. S. Kanimozhi** 2. **A. Sampath kumar**  
Assistant Professor, Assistant Professor,  
Department of IT Department of IT

### Participant/SelectionProcedure

Faculty members, Research Scholars and our  
other institution faculty members. Maximum  
number of participants is limited to 50, hence,  
the selection will be based on first-come, first-  
served basis.

### No RegistrationFee

Registrationcanbemadethrough  
<http://www.jkkmct.org/rec-fdp-2021>  
No TA/DA will be given.

### ImportantDates

Last datefor receiptoffilledinapplications:  
30<sup>th</sup>Jul,2021

Date of intimationregardingselection:  
02<sup>nd</sup>Aug,2021

## FACULTY DEVELOPMENT PROGRAM (FDP)

On

# Cyber security & Blockchain Technology

(03/01/2022 to 08/01/2022)

Organized by

## TECH ASSOCIATION

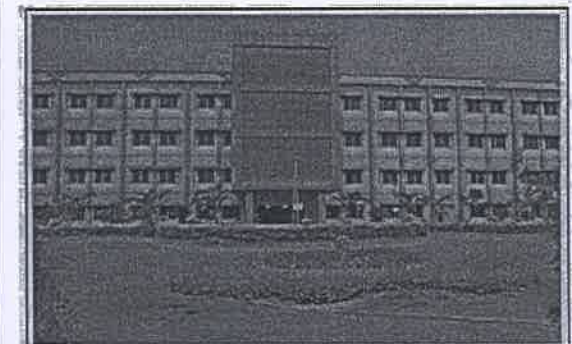
of

Department of Computer Science  
& Engineering

J.K.K.MUNIRAJAH COLLEGE

OF TECHNOLOGY

T. N. PALAYAM,  
GOBICHETTIPALAYAM,  
ERODEDT, TN-638056



## About the College

J.K.K. Munirajah college of Technology was established in the year 2008 Governed by Annai J.K.K. Sampoorani Ammal Charitable Trust, primarily with the objective of delivering world class quality in Education and Training in a structured and systematic manner. J.K.K. Munirajah group of Institutions was founded by J.K.K. Munirajah, who is a reputed industrialist, technocrat, an educationalist par excellence, an avid social worker, a person imbued in deep spiritual values and a philanthropist. The management has completed 25 years of dedicated service to the people of India and abroad in the field of Education. The Institution has an area of 250 acres of land richly endowed with beautiful Green land. The college with its state-of-the-art infrastructural facilities and excellent academic records has earned recognition as one of the reputed educational institutions for men and women in India.

## About the Department

The J.K.K. Munirajah college of Technology has introduced the 4 year courses are B.TECH (Information Technology) in the year of 2008. The course was approved by AICTE, New Delhi and affiliated by ANNA University at Chennai. The Electrical and Electronic Engineering strives towards updating the syllabus. So that the students are always equipped with advanced technology to meet Industrial standard Hi-tech Laboratories also render the necessary expertise. To develop the department as a center of excellence to take care of the local and regional needs related to Electrical Engineering activity, and to encourage students and faculty to undertake research Programme & Projects of multi-disciplinary characters

## Course Highlights

- The blockchain technology is redefining the way business function.
- There are several vulnerabilities associated with blockchain technology.
- This text mining literature analysis demonstrates and discusses prominent blockchain vulnerabilities.
- The findings show ever-evolving security threats related to the blockchain technology.
- Highlights future research dimensions for designing secure blockchain applications and platforms.

## Insights of the programme

Cybersecurity spending has increased exponentially in the past decade, with no signs of slowing. Worldwide, organizations plan to allocate more than \$1 trillion between 2017 and 2021 to protect themselves from online threats, according to one industry report. Despite that staggering investment, criminal hackers are still exploiting both publicly known and unknown vulnerabilities, and intercepting device, application, and network communications. CB Insights calculated that about 6 billion confidential files were stolen between 2017 and 2018. Other industry research shows that the number and cost of cyberattacks have increased.



## REGISTRATION FORM

# Cyber security & Block chain Technology

On

03/01/2022 to 08/01/2022

Name (in BLOCK LETTERS)

Mr/ Ms/Dr. \_\_\_\_\_

Designation & Department

Name of the Institution/Organization

Address for Communication

E-Mail \_\_\_\_\_

Contact Number Office

Mobile \_\_\_\_\_

Signature

Place: \_\_\_\_\_

Signature of Principal



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



## CYBER SECURITY & BLOCK CHAIN TECHNOLOGY

03.01.2022 to 08.01.2022

### SCHEDULE PLAN

DAY AND DATE	COURSE CONTENTS
Day 1: 03.01.2022	Introduction
Day 2: 04.01.2022	Block chain factors and issues
Day 3: 05.01.2022	Block-chain security issues
Day 4: 06.01.2022	The Fundamentals of Block-chain
Day 5: 07.01.2022	Block chain use cases for cyber security
Day 6: 08.01.2022	Cyber security and block chain technology: Pros & Cons

  
CO-ORDINATOR

  
PRINCIPAL

  
PRINCIPAL

JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY

T.N. PALAYAM (Po) - 638 506.



## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

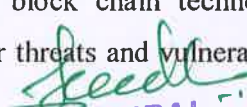


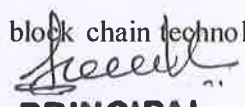
Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	FACULTY DEVELOPMENT PROGRAM
Title of the Event	<b>CYBER SECURITY &amp; BLOCKCHAIN TECHNOLOGY</b>
Date of Event Organized	<b>03.01.2022 to 08.01.2022</b>
No of Participants	20
Venue	Seminar Hall
Name of Chief Guest/Speakers	<b>Dr. THIPPA REDDY GADEKALLU,</b> Associate Professor, School of Information Technology & Engineering.  <b>Dr. BALANAND MUTHU</b> Director, Thirsty crowd.

### Description/Conclusion:

Block chain, the technology infrastructure behind the famous crypto currency bitcoin, can take away the notion of trust from centralized organizations to a decentralized platform that is mathematically verifiable and cryptographically secure. It is gaining more significant momentum exponentially and disrupts the way businesses function beyond the digital currency aspects. This work presents a text mining literature analysis of research articles published in major digital libraries on block chain technology and cyber security. This literature analysis employs automated text mining approaches such as topic modeling and key phrase extraction for unearthing the themes from a vast body of literature. This analysis highlights the multidisciplinary nature of block chain technology within the cyber security domain. The findings also show the cyber threats and vulnerabilities that evolve with block chain technology

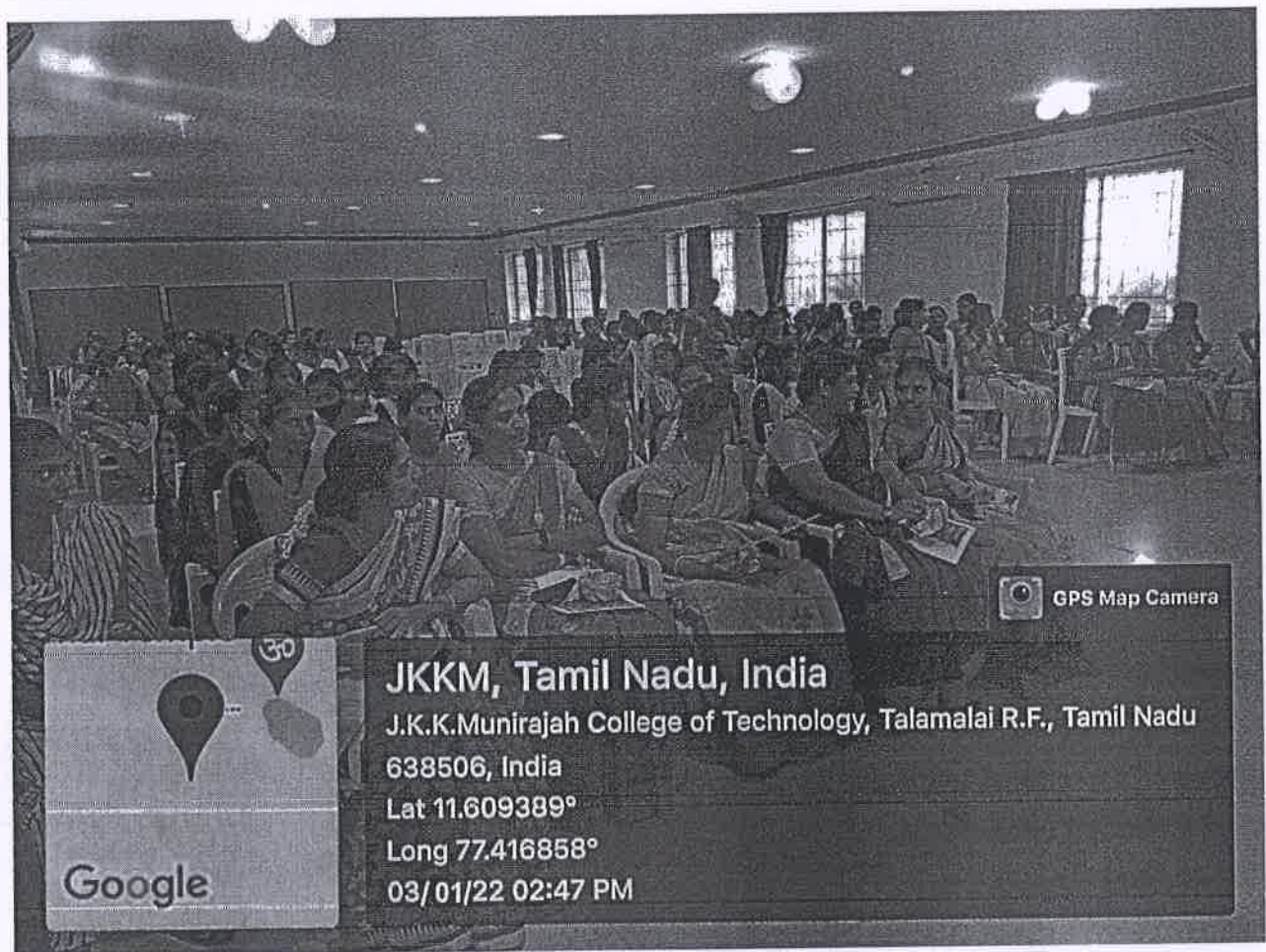
  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
ERODE (Dt).

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.

developments. This analysis also showcases the computer security research community's vulnerabilities and provides future research dimensions that are crucial for designing secure block chain applications and platforms.

## **BENEFITS OF CYBER SECURITY & BLOCKCHAIN TECHNOLOGY: --**


1. Resilience and availability
2. Data integrity
3. Traceability and provenance
4. Authentication of software and/or device interactions
5. Authentication of individuals



**Pic- CYBER SECURITY & BLOCKCHAIN TECHNOLOGY**

**03.01.2022 to 08.01.2022**

  
**PROGRAM CO-ORDINATOR**

  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**

  
**PRINCIPAL**



**FDP on “CYBERSECURITY & BLOCK CHAIN TECHNOLOGY”**  
**03.01.2022 to 08.01.2022**

**PARTICIPANTS LIST**

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Dr.N.Sathyabalaji	Associate Professor & Head of the Department	
2.	Mr.S.Dharanitharan	Assistant Professor	
3.	Mr.S.B.Manoojkumaar.	Assistant Professor	
4.	Ms.RGnanasekar.	Assistant Professor	
5.	Mr.E.Ananth	Assistant Professor	
6.	Mrs.P. Sasireka	Assistant Professor	
7.	Ms.V.Nirosha.	Assistant Professor	
8.	L.Poornimadevi.	Assistant Professor	
9.	Mr.S.Satheesh.	Assistant Professor	
10.	Mrs.M.C.Savithri.	Assistant Professor	
11.	Ms.K.S.Vinothan.,	Assistant Professor	
12.	Mrs.D.Nivethini	Assistant Professor	
13.	Mr.K.Kalaivendhan	Assistant Professor	
14.	Mrs.S.Kanimozhi	Assistant Professor	
15.	Mrs.S.Priya	Assistant Professor	
16.	Mr.A.Sambathkumar	Assistant Professor	
17.	Mr.S.Sudhakar	Assistant Professor	
18.	MrS.R.Kavitha	Assistant Professor	
19.	Mr.K.R.Vigneshwara	Assistant Professor	
20.	Mr.M.Senthilkumar	Assistant Professor	

PROGRAM CO-ORDINATOR

PRINCIPAL

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

## APPROVAL FOR ORGANISING A FDP PROGRAMME

**From**

Dr. C. Murugesan,  
Professor & Head,  
Department of Electronics and Communication Engineering,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**Respected Sir,**

**SUB:** Requesting Permission to conduct FDP-Reg.

The department of Electronics and Communication Engineering has planned to organize a seven days Faculty Development Program (FDP) in the topic of "RF HACKING WITH SOFTWARE DEFINED RADIO" from **03/01/2022 to 08/01/2022**. For the benefit of our college department staff updates their knowledge about the RF HACKING software overall technology. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

Thank You

Yours Sincerely,

  
(Dr. C. Murugesan)

*Permitted  
Sincerely*



**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GOBI (Tk), ERODE (Dt).**



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



JKKMCT/CIRCULAR/DEC-2021

DATE: 28/12/2021


## CIRCULAR

The Department of Electrical & Electronics is planning to organize a Faculty Development program on “RF HACKING WITH SOFTWARE DEFINED RADIO” for the benefit of faculty members from 03/01/2022 to 08/01/2022. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 31/12/2021.

  
PRINCIPAL

### Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).



## ORGANIZING COMMITTEE

### Chief Patrons

Mrs. Vasanthakumar Munirajah, Chairman,

### Secretary

Mrs. Kasthuripriya Kirupakaramurali, MBA.,

### Patron

Dr. K. Sridharan, Principal,

J.K.K. Munirajah College of technology.

### Convener

Dr. C. Murugesan, HOD/ECE

J.K.K. Munirajah College of technology.

### Committee Members

Mrs. R. Kokila, AP/ECE

Mrs. N. Gomathi, AP/ECE

Mrs. U. Sasikala, AP/ECE

Mrs. N. Mythili, AP/ECE

Mr. Navindran, AP/ECE

Mr. M. Yogadeepan, AP/ECE

### How to Apply

Candidates have to send the scanned copy of completely filled prescribed registration form before 30.12.2021, Certificates shall be issued to all effective participants.

### RESOURCE PERSONS

Mr. R. RENGANATHAN,

Managing Director, OHM Tronics, Chennai.

Mr. S. JEGADEESAN,

Service Engineer, OHM Tronics, Chennai

# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T. N. PALAYAM,  
GOBICHETTIPALAYAM(Tk),  
ERODE (Dt), Tamilnadu-638056



### Faculty Development Programme

On

**RF HACKING WITH SOFTWARE DEFINED RADIO**

**03/01/2022 to 08/01/2022**

Organized by

ECLON Association

Of

Department of


Electronics & Communication Engineering

## ABOUT THE COLLEGE

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY, also called as JKKMCT is located at Gobichettipalayam in the Erode district of the state of Tamilnadu. JKKMCT is a private and reputed self-financing institute. The college is approved by AICTE and is affiliated with Anna University, Chennai. The missions of J.K.K. Munirajah College of technology provides to advance knowledge and educate students in science and technology and also teaching, research and innovation and pursue its mission of service to the nation and the world. The college was established in the academic year 2008-2009 and is governed by the Annai J.K.K. Sampoorani Ammal Charitable Trust. Dr. J.K.K. Munirajah founded the charitable trust in 1971 for the purpose of providing health care and Education to the public. JKKMCT is run by this charitable trust. All the academic activities of the college are managed by the Head of the institution, whereas the administrative side is looked after by the trust.

## ABOUT THE DEPARTMENT

The J.K.K. Munirajah college of technology has introduced the 4 year course B.E (Electronics & Communication Engineering) in the year of 2008. The course was approved by AICTE, New Delhi and affiliated by ANNA University at Chennai. The Department of Electronics & Communication Engineering works hard to provide in-depth domain knowledge to the students through high quality education.

  
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**OF TECHNOLOGY**  
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**GOBI (Tk), ERODE (Dt).**



# Faculty Development Program

## OUTCOME OF THE PROGRAMME

The participants can gain knowledge in

- Physical intrusion systems
- Mobile security
- RFID security
- Common flaws in current technologies
- Security mechanisms and ways to defeat them

## ABOUT THE FACULTY DEVELOPMENT PROGRAMME

The FDP is designed to bring Researchers and faculties from various colleges to a common gathering for exchanging and sharing the recent developments in the field of software defined radio and its allied areas. The experts from prestigious Institutes will deliver expert talks and practical demonstration in the course. More number of participants are expected to participate. Due to limited number of seats as per guidelines of AICTE the registration will be done on the first cum first basis. The T.A/D.A and Boarding & Lodging facility will be provided to outstation participants. The participants are going to gain extensive details of subject knowledge along with practical knowledge. Case studies and practical examples enrich their concept in the field of RF hacking with SDR. This FDP will help them to do better teaching and to conduct research activities at their institutes.

## OBJECTIVE OF THE PROGRAM

SDR stands for "Software Defined Radio" and it is used to aggregate radio communication systems that implement in software instead of hardware the omponents in charge of modulating and demodulating radio signals. The goal of this design is to produce a radio that can receive and transmit a new form of radio protocol just by running new software..

## PROGRAM HIGHLIGHTS

The Program aims at enhancing the academic and intellectual environment in the Institution by providing faculty members with enough opportunities to pursue research .Participation in seminars/ conferences / workshops would enable faculty members to update their research and pedagogical skills. The training will provide strong feedback and techniques when attacking radio devices in non-perfect environment and ways to succeed your pentests or red team tests.



## FACULTY DEVELOPMENT PROGRAMME

ON

*RF HACKING WITH SOFTWARE DEFINED RADIO*

03/01/2022 to 08/01/2022

REGISTRATION FORM

NAME:.....

DESIGNATION:.....

DEPARTMENT:.....

INSTITUTION:.....

AREAS OF SPECIALIZATION: .....

ACADEMIC QUALIFICATION: .....

ADDRESS:.....

EMAIL: .....

CONTACT NO. ....

SIGNATURE OF THE APPLICANT



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



## RF HACKING WITH SOFTWARE DEFINED RADIO 03/01/2022 to 08/01/2022

### SCHEDULE PLAN

DAY AND DATE	COURSE CONTENTS
Day 1: 03.01.2022	Physical intrusion systems
Day 2: 04.01.2022	Mobile security
Day 3: 05.01.2022	RFID security
Day 4: 06.01.2022	Common flaws in current technologies
Day 5: 07.01.2022	Security mechanisms and ways to defeat them
Day 6: 08.01.2022	Radio protocol

CO-ORDINATOR

PRINCIPAL

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JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638506.  
GOBI (TK), ERODE (DT).



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY**

**T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506**



**Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.**

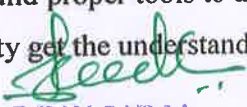
**ECLON ASSOCIATION  
OF  
DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING  
FACULTY DEVELOPMENT PROGRAMME  
on  
RF HACKING WITH SOFTWARE DEFINED RADIO**

**03/01/2022 TO 08/01/2022**

SDR is the technology to build these wireless products, analyze the communication, and most importantly break it! Not only does SDR cover all major wireless communication protocols used in IoT i.e. Bluetooth, Zigbee, Wifi, NFC but it offers a vast range of other possible attacks that can be used to compromise the security of a device or infrastructure. This faculty development programme will help the participants to learn its concepts and the techniques used today to receive and transmit signals. All techniques here will demonstrate real uses-cases encountered in pentests and Red Teams, but also techniques that aim to be applied to future systems by teaching important steps when dealing with unknown targets.

**OBJECTIVE OF THE PROGRAM:**

The main objective was to determine whether those communications were properly secured with encryption and other important security measures. This course provides basics, survival reflexes when testing real-world radio devices, and methods to go further. Comparing to other courses that teach how to use public tools, this class is more about understanding how these tools work and also how to build proper tools to analyze and attack targeted systems. The FDP is organized in such a way faculty get the understanding of RF Hacking architecture in detail.

  
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ERODE (Dt).

  
**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
ERODE (Dt).

The Programme was inaugurated by the Principal, JKKMCT. The Head of the Department, ECE and convenor of the programme welcomed all the participants. The program coordinator gave an introductory speech about embedded systems. The programme started effectively on the afternoon of the first day Programme. Resource persons were invited from affiliated colleges under Anna University to deliver their valuable lectures. The course is taught in a very intensive mode and each session has a lecture-part and a laboratory-part. The participants were encouraged to attend the program without missing any session.


#### **OUTCOME OF THE PROGRAMME:**


The participants were able to have the opportunity to see and exploit vulnerabilities in several RF devices and discover the security features and ways to circumvent them. They can see in practice how to attack physical intrusions systems such as alarms, intercoms and access control systems that use RF technologies such as sub-GHz, cellular, and RFID. The participants will have the opportunity to learn techniques that could be used in Red Team contexts

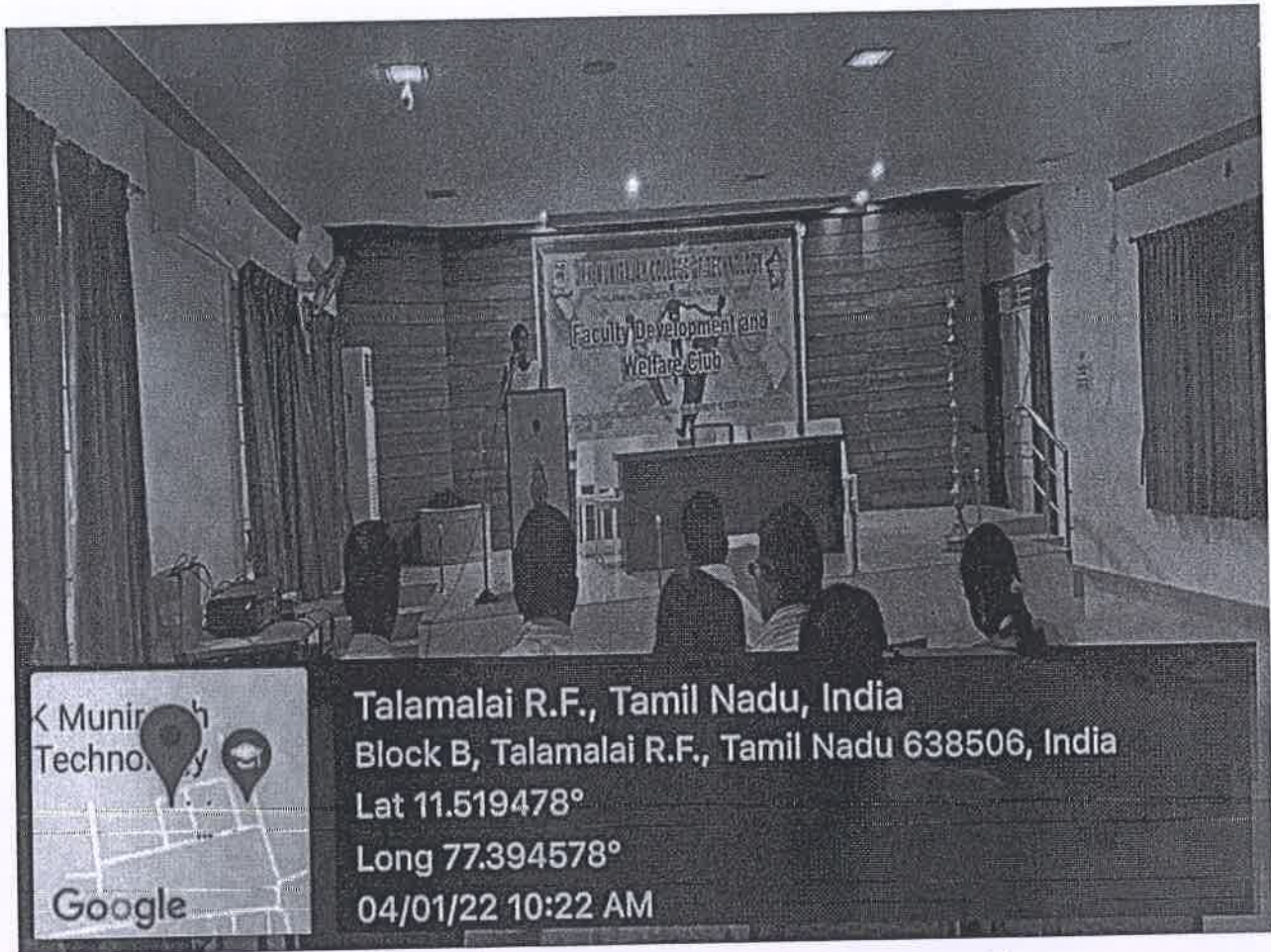
This FDP Programme was attended by 25 participants including the staff from Departments of ECE and EEE of JKKMCT. Attendees included Research Scholars & Academicians form varied background. While designing the structure of the programme it was kept in mind that there are going to be people from different background that's why emphasis was given on research methodology as a whole not pertaining to one single field so that maximum can be benefited out of it.

More importance was given to technical sessions .The participants eagerly attended all the sessions with more interest.PG participants of JKKMCT also participated in the Programme. Feedback was received from all the participants on the final day of the Programme.

Lastly the Programme ended with a valedictory function on the afternoon session of the final day.The Program Coordinator thanked all the participants for their effective participation and for recording their valuable feedback in the Programme. Certificates were issued to all the participants by the head of the department. The Programme ended with national anthem. This was another very interactive session for the academicians as well as the ones who were pursuing their Ph.D.

  
PRINCIPAL  
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OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).



**Pic- RF HACKING WITH SOFTWARE DEFINED RADIO**

03/01/2022 TO 08/01/2022

PROGRAM CO-ORDINATOR

PRINCIPAL

**PRINCIPAL**

**JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY**

**T.N. PALAYAM (Po)-638 506.**

**GOBI (Tk), ERODE (Dt).**



FDP on “RF HACKING WITH SOFTWARE DEFINED RADIO”  
03/01/2022 to 08/01/2022  
PARTICIPANTS LIST

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Dr.C.Saravanan	Professor & Head of the Department	C. Saravanan
2.	Mr.T.S.Thambiran	Assistant Professor	T. S. Thambiran
3.	Mr.S.M.Pranesh	Assistant Professor	S. M. Pranesh
4.	Mr.A.Vigneshkumar	Assistant Professor	A. Vigneshkumar
5.	Mr.C.Sasikumar	Assistant Professor	C. Sasikumar
6.	Mr.S.Satheeshkumar	Assistant Professor	S. Satheeshkumar
7.	Mr.G.Palanisamy	Assistant Professor	G. Palanisamy
8.	Mr.R.Dhivya	Assistant Professor	R. Dhivya
9.	Mr.G. Ramachandran	Assistant Professor	G. Ramachandran
10.	Mr.S.Umesh	Assistant Professor	S. Umesh
11.	Dr.C.Murugesan	Professor & Head of the Department	C. Murugesan
12.	Mr.D.Anadakumar	Assistant Professor	D. Anadakumar
13.	Mrs.U.Sasikala	Assistant Professor	U. Sasikala
14.	Mrs.R.Kokila	Assistant Professor	R. Kokila
15.	Mrs.N.Gomathi	Assistant Professor	N. Gomathi
16.	Mrs.M.Sivaranjani	Assistant Professor	M. Sivaranjani
17.	Mrs.B.P.BrightThangaMahizh	Assistant Professor	B. P. BrightThangaMahizh
18.	Mr.P.Dhakshinamoorthi	Assistant Professor	P. Dhakshinamoorthi
19.	Ms.S.Abinaya	Assistant Professor	S. Abinaya
20.	MrsN..Mythili	Assistant Professor	N. Mythili

*U. Sasikala*  
PROGRAM CO-COORDINATOR

*S. Umesh*  
PRINCIPAL

*S. Umesh*  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

## APPROVAL FOR ORGANISING A FDP PROGRAMME

**From**

Mrs. V. Mohanapriya,  
Assistant Professor & Head,  
Department of Civil Engineering,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**Respected Sir,**

**SUB:** Requesting Permission to conduct FDP-Reg.

The department of Civil Engineering has planned to organize a seven days Faculty Development Program (FDP) in the topic of "CONSTRUCTION ENGINEERING AND MANAGEMENT" from 13.12.2022 to 19.12.2022. For the benefit of our college department staff updates their knowledge about the Electric vehicle overall technology. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

**Thank You**

Yours Sincerely,



(Mrs. V. Mohanapriya)

*Perms Hef  
Jeeval*



**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

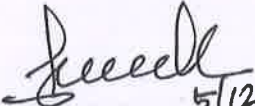


JKKMCT/CIRCULAR/DEC-2021

DATE: 05/12/2021


## CIRCULAR

The Department of Civil Engineering is planning to organize a Faculty Development program on “**CONSTRUCTION ENGINEERING AND MANAGEMENT**” for the benefit of faculty members from **13.12.2021** to **19.12.2021**. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 08/12/2021.

  
PRINCIPAL 5/12/21

Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

## Invited Speakers

**Dr. S. Christian Johnson,**  
Professor and Director Academics,  
Erode Sengunthar engineering  
college(Autonomous),  
Erode.



### Mail your Registration forms:

**Mrs. V. MOHANAPRIYA**  
Asst. Professor & Head / CIVIL  
J.K.K.Munirajah College of Technology,  
T.N.Palayam, Gobichettipalayam,  
Erode Dt- 638 506.  
**Phone: 04285-260755.**  
**Email: [hodcivil@jkkmct.edu.in](mailto:hodcivil@jkkmct.edu.in)**

### Registration Committee

<b>Mrs. I. Benazir Banu</b>	<b>9159331231</b>
<b>Ms. V. Sathiyapriya</b>	<b>8825732710</b>
<b>Mr. G. Ruthiskumar</b>	<b>9791011234</b>
<b>Mrs. P. Reena</b>	<b>9600264870</b>

## ORGANIZING COMMITTEE

**Chief Patrons**  
**Mrs. Vasanthakumari Munirajah, Chairman,**

**Secretary**  
**Mrs. Kasthuripriya Kirupakaramurali, MBA.,**

**Patron**  
**Dr. K. Sridharan, M.E., MBA., MISTE., Ph.D.,**  
Principal, JKKMCT

**Convener**  
**Mrs. V. Mohanapriya, M.E.,**  
Professor & Head/civil/ JKKMCT

**Co-Convener**  
**Mrs. Benazir Banu,**  
Assistant Professor,  
Department of CIVIL,

### Participant/Selection Procedure

Faculty members, Research Scholars and our other institution faculty members. Maximum number of participants is limited to 50. Hence, the selection will be based on first-come, first-served basis.

### No Registration Fee

Registration can be made through  
<http://www.jkkmct.org/rec-fdp-2021>  
No TADA will be given.

### Important Dates

Last date for receipt of filled in applications:

**06<sup>th</sup> Dec, 2021**

Date of intimation regarding

**09<sup>th</sup> Dec, 2021**

**PRINCIPAL**

**J.K.K. MUNIRAJAH COLLEGE  
OF TECHNOLOGY**

**T.N. PALAYAM (PO)-638 506,  
GOBI (TK), ERODE (DI).**

## FACULTY DEVELOPMENT PROGRAM (FDP)

On

# CONSTRUCTION ENGINEERING AND MANAGEMENT

(13/12/2021 to 19/12/2021)

Organized by

**EMINANCE ASSOCIATION**

Of

**Department of Civil Engineering**

**J.K.K. MUNIRAJAH**

**COLLEGE OF TECHNOLOGY**

**T. N. PALAYAM (PO), GOBICHETTIPALAYAM  
(TK), ERODE (DT), TN-638056**



## About the College

J.K.K. Munirajah college of Technology was established in the year 2008 Governed by Annai J.K.K. Sampoorani Ammal Charitable Trust primarily with the objective of delivering world class quality in Education and Training in a structured and systematic manner J.K.K. Munirajah group of Institutions was founded by J.K.K. Munirajah, who is a reputed industrialist, technocrat, an educationalist par excellence, anavid social worker, a person imbibed in deepspiritual values and a philanthropist. The management has completed 25 years of dedicated service to the people of India and a broad in the field of Education. The Institution has an area of 250 acres of land richly endowedwith beautiful Greenland.

The college with its state-of-the-art infrastructural facilities and excellent academic records has earnedrecognition as one of the reputed educational institutions for men & women in India.

## About the Department

Civil engineering is the broadest of the engineering fields. Civil engineering focuses on the infrastructure of the world which include Water works, Sewers, Dams, Power Plants, Transmission Towers/Lines, Railroads, Highways, Bridges, Tunnels, Irrigation Canals, River Navigation, Shipping Canals, Traffic Control, Mass Transit, Airport Runways, Terminals, Industrial Plant Buildings, Skyscrapers, etc.Civil engineers build the world's infrastructure. In doing so, they quietly shape the history of nations around the world.Most people cannot imagine life without the many contributions of civil engineers to the public's health, safety and standard of living.

The department of Civil Engineering is committed to impart the knowledge, skills & practical experiences to students such that they are able to formulate and solve the practical problems & serve the society.

## Course Highlights

On completion of this FDP, participant will be able to: Understand that the construction management is a professional service that uses specialized project management techniques to oversee the planning, design, & construction of a project. Effective construction management benefits owners by increasing the potential for successful project completion- on time, within budget& free of financial or legal complications. This FDP provides an opportunity for faculty to develop deep knowledge & understanding in different areas of construction management in the domain of teaching & learning process. In this program discuss about a different range of skills & knowledge in the area of construction and engineering such as project management, construction law, supply chainmanagement, &procurement.

### Insights of the programme

Introduction to construction engineering and project management, basic information about the construction engineering, brief discussion about the contracts and tender in construction and civil employability. Group discussions about the construction orientation, construction laws, & construction site management and brief about civil engineering project management.

### Objectives of the programme

The main objectives of construction management is to manage and control the progress of construction projects. The Construction Manager plans, coordinates, budgets, and supervises the project from start to finish. If one is going to practice management within an industry, it is a good idea to define the arena in which the management techniques will be applied. Alsothe practice of management across all facets of construction project execution. Therefore, construction technology will be introduced only as it, bears on total construction project management. It is a given that you must master the basic technology applicable to your specialized field of construction before you can effectively take on the total management of a construction project. We really need to know just what business we are in to evaluate our present goals, find out where we have been, and where we hope to go from here.

# CONSTRUCTION ENGINEERING & MANAGEMENT

On

**13.12.2021to19.12.2021**

## REGISTRATION FORM

Name (in BLOCK LETTERS)

Mr./ Ms/Dr. \_\_\_\_\_

Designation &Department

Name of the Institution/Organization

Address for communication

E-Mail \_\_\_\_\_

Contact Number Office \_\_\_\_\_

Mobile \_\_\_\_\_

Signature

Place:

Signature of Principal



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



## CONSTRUCTION ENGINEERING AND MANAGEMENT 13.12.2021 to 19.12.2021

### SCHEDULE PLAN

DATE	FN	AN
13.12.2021	Inaugural function	Basic principles of construction management
	Aims & objectives of construction management	Concepts of construction management Difference between construction
14.12.2021	Five functions in construction engineering & management	Three theories of construction management
	Role of construction engineering and management	The dispatch model The thermostat model
15.12.2021	Construction management skills	Problems in construction management
	Plan strategies	Budget constraints
16.12.2021	Sound knowledge of the industry	Project budget
	Strong planning and organizing skills	Construction design Work schedule
17.12.2021	Software used in construction management	Jonas premier, procore, build ertrend
	Gantt PRO, BIM 360, Acculynx	Plangrid, Knowify, Procontractor Esub subcontractor,
18.12.2021	Different types of construction technology	Building information modelling (BIM) to go mainstream
	Modern trends & innovation in the construction industry	Increasing dominant role of robotics
19.12.2021	Digital twin technology Leveraging mobile & cloud technology	Sustainable modularization 3D prefabrication
	Reliance on data analytics & artificial intelligence	Valedictory Function

G. R. Jeyaraj  
CO-ORDINATOR

PRINCIPAL

PRINCIPAL

JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.



## J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N.Palayam(Po), Gobi(Tk), Erode(Dt) –638506



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

Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	FACULTY DEVELOPMENT PROGRAM
Title of the Event	<b>CONSTRUCTION ENGINEERING AND MANAGEMENT</b>
Date of Event Organized	<b>13.12.2021 to 19.12.2021</b>
No of Participants	09
Venue	Smart class
Name of Chief Guest/Speakers	<b>Dr.S.Christian Johnson,</b> Professor and Director Academics, Erode Sengunthar engineering college(Autonomous), Erode.

### Description/Conclusion:

The Construction Engineering and Management (CEM) Program prepares students to effectively deliver and manage the capital facilities and infrastructure that provides the setting for human and social activity, while also supporting worldwide economic development. The program applies the most advanced engineering and management techniques at the highest level of environmental stewardship. Our curriculum builds upon a student's technical background to develop managerial and financial expertise to be a forward thinker through a mix of fundamental and advanced areas of study. We expose students to the activities and issues of planning, financing, procuring, constructing, technology and innovation as well as managing the built environment in a suite of graduate-level courses. Columbia students apply and discover concepts, methods, and strategies for improving the delivery and management of constructed facilities and systems.

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JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.

This breadth introduces our students to the variety of managerial functions found in the modern construction industry and prepares them for positions of leadership and responsibility within industry, government, or academia. Taking advantage of our location in New York City, the home of the leading design and construction companies, our students are able to connect with our alumni and leverage industry relationships to advance their careers and magnify their impact on our field.




Pic- CONSTRUCTION ENGINEERING AND MANAGEMENT

13.12.2021 to 19.12.2021

  
PROGRAM CO-ORDINATOR

  
PRINCIPAL

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



FDP on “CONSTRUCTION ENGINEERING AND MANAGEMENT”  
13.12.2021 to 19.12.2021

PARTICIPANTS LIST

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Mrs. V. MOHANAPRIYA	Assistant Professor	
2.	Mr. G. RUTHISH KUMAR	Assistant Professor	
3.	Mr. R. VENKATESH	Assistant Professor	
4.	Ms.V. SATHIYAPRIYA	Assistant Professor	
5.	Mr. M. MATHAN KUMAR	Assistant Professor	
6.	Mrs. P. REENA	Assistant Professor	
7.	Mrs. I. BENAZIR BANU	Assistant professor	
8.	Mr. R. NANDHAKUMAR	Assistant Professor	
9.	Mrs. K. SULOCHANA	Assistant Professor	

19/12/21

PROGRAM CO-COORDINATOR

PRINCIPAL

PRINCIPAL

JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

**APPROVAL FOR ORGANISING AN FACULTY DEVELOPMENT  
PROGRAMME**

**From**

Dr. N. Sathyabalaji ,  
Associative Professor & Head,  
Department of Computer Science & Engineering  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**Respected Sir,**

SUB: Requesting Permission to conduct FDP-Reg.

The department of Computer Science & Engineering has planned to organize a seven days Faculty Development Program (FDP) in the topic of "**CLOUD COMPUTING**" from **13.09.2021 to 18.09.2021**. For the benefit of our college department staff updates their knowledge about the overall cloud computing. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

**Thank You**

Yours Sincerely,



(Dr. N. Sathyabalaji)

*Permitted*  
*Sathy*

  
**PRINCIPAL**

**JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).**



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



JKKMCT/CIRCULAR/SEP-2021

DATE: 04/09/2021


## CIRCULAR

The Department of Computer science & Engineering is planning to organize a Faculty Development program on “**CLOUD COMPUTING**” for the benefit of faculty members from **13.09.2021 to 18.09.2021**. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 06/09/2021.

  
PRINCIPAL 4/9/21

### Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

## Invited Speakers

**Dr. T. Senthil kumar,**  
Amrita University

**Mr. R. L. Ratha krishnan,**  
Karunya University



### Mail your Registration forms:

**Dr. N. SATHYABALAJI**  
Associate Professor & Head/CSE  
J.K.K. Munirajah College of  
Technology, T.N.Palayam,  
Gobichettipalayam,  
Erode Dt-638 506.

**Phone: 04285-260755.**

**Email: [hodcse@jkkmct.edu.in](mailto:hodcse@jkkmct.edu.in)**

### Registration Committee

**Mr. R. Gnanasekar, AP/CSE,**  
**Mrs. V. Nirosha, AP/CSE,**

## ORGANIZING COMMITTEE

### Chief Patrons

**Mrs. Vasanthakumari Munirajah,**  
Chairman,

### Secretary

**Mrs. Kasthuripriya Kirupakaramurali,**  
MBA.,

### Patron.

**Dr.K.Sridharan, M.E.,MBA.,MISTE.,Ph.D.,**  
Principal, JKKMCT

### Convener

**Dr. N. Sathyabalaji M.E., Ph.D., MISTE.,**  
Associative Professor & Head/CSE/ JKKMCT

### Coordinators

- 1. Mrs. V. Nirosha** Assistant Professor,  
CSE.
- 2. Mr. R. Gnanasekar** Assistant Professor  
CSE.

### Participant/Selection Procedure

Faculty members, Research Scholars and our other institution faculty members. Maximum number of participants is limited to 50, hence, the selection will be based on first-come, first-served basis.

### No Registration Fee

Registration can be made through  
<http://www.jkkmct.org/rec-fdp-2021>

No TA/DA will be given.

### Important Dates

Last date for receipt to filled in  
applications: 26<sup>th</sup> Aug, 2021

Date of intimation regarding selection:

30<sup>th</sup> Aug, 2021

## FACULTY DEVELOPMENT PROGRAM (FDP)

On

# CLOUD COMPUTING

(13/09/2021 to 18/09/2021)

Organized by

## NITRODUS ASSOCIATION Of

Department of Computer Science  
& Engineering

J.K.K.MUNIRAJAH COLLEGE

OF TECHNOLOGY

T. N. PALAYAM,  
GOBICHETTIPALAYAM,  
ERODEDT, TN-638056



**PRINCIPAL**  
J.K.K. MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T. N. PALAYAM (Pb)- 638 506.  
GOBI (Tk), ERODE (Dt).

## About the College

J.K.K. Munirajah college of Technology was established in the year 2008 Governed by Annai J.K.K. Sampoorani Ammal Charitable Trust, primarily with the objective of delivering world class quality in Education and Training in a structured and systematic manner J.K.K. Munirajah group of Institutions was founded by J.K.K. Munirajah, who is a reputed industrialist, technocrat, an educationalist par excellence, an avid social worker, a person imbued in deep spiritual values and a philanthropist. The management has completed 25 years of dedicated service to the people of India and abroad in the field of Education. The Institution has an area of 250 acres of land richly endowed with beautiful Greenland. The college with its state-of-the-art infrastructural facilities and excellent academic records has earned recognition as one of the reputed educational institutions for men and women in India.

## About the Department

The J.K.K. Munirajah college of Technology has introduced the 4year courses are B.E (Computer Science & Engineering) in the year of 2008. The course was approved by AICTE, New Delhi and affiliated by ANNA University at Chennai. The Computer Science and Engineering strives towards updating the syllabus. So that the students are always equipped with advanced technology to meet Industrial standard Hi tech Laboratories also render the necessary expertise. To develop the department as a center of excellence to take care of the local and regional needs related to software Engineering activity, and to encourage students and faculty to undertake research Programme & Projects of multi - disciplinary characters

## Course Highlights

- Formal Decision framework
- Hybrid Cloud Computing
- Cloud Brokerage
- Cloud-centric design
- Influencing future data centre and operation models

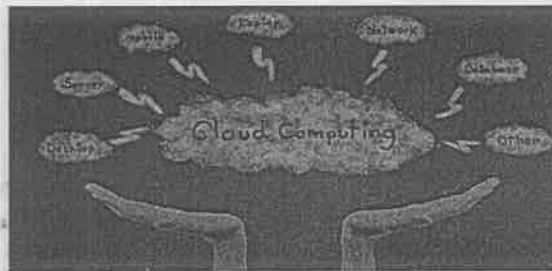
### Insights of the programme

Introduction to Data Science using Python.

Python is an open-source (free), general-purpose (unlimited), programming language which is the most popular for doing data science. Many companies and businesses are now using Python to gain insights from their data, which helps them to have competitive advantage. This course will take a practical approach by using codes written in Jupiter notebooks (a tool that most Data Scientists use on a daily basis) to teach you how to program with Python with the focus on doing data science.

### Objectives of the programme

The course provides faculties with wide general overview of Python – a general-purpose programming language that is becoming ever more popular for data science. The focus is on the application of Python specifically for data science. The course is about ways to import, store and manipulate data, and helpful data science tools to conducting data analyses. The course is intended for staffs with little programming background. The learning process is facilitated with Data Camp platform.



## REGISTRATIONFORM

# CLOUD COMPUTING

On

13/09/2021 to 18/09/2021

Name (in BLOCK LETTERS)

Mr./Ms/Dr. \_\_\_\_\_

Designation & Department

Name of the Institution/Organization

Address for Communication

E-Mail \_\_\_\_\_

Contact Number Office \_\_\_\_\_

Mobile \_\_\_\_\_

Signature

Place:

Signature of Principal



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY**

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.




**“ CLOUD COMPUTING ”**  
**13.09.2021 to 18.09.2021**

**SCHEDULE PLAN**

DAY AND DATE	COURSE CONTENTS
Day 1: 13/09/2021	Introduction
Day 2: 14/09/2021	Format Decision framework
Day 3: 15/09/2021	Hybrid Cloud Computing
Day 4: 16/09/2021	Cloud Brokerage
Day 5: 17/09/2021	Cloud-centric design
Day 6: 18/09/2021	Influencing future data center and operation models

  
CO-ORDINATOR

  
PRINCIPAL

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T. N. PALAYAM (Po)-638 506.



## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	FACULTY DEVELOPMENT PROGRAM
Title of the Event	CLOUD COMPUTING
Date of Event Organized	13.09.2021 to 18.09.2021
No of Participants	20
Venue	Seminar Hall
Name of Chief Guest/Speakers	Dr.T.Senthilkumar Amrita University  Mr.R.L.Rathakrishnan Karunya University

### Cloud computing Research group:

Cloud Computing Research Group in the Department of Computer Science and Engineering of K L University gives opportunities to faculty and students of the group for creating innovative products and e-services that has societal impact. The group celebrates freedom of thought, cultivates vision and encourages growth; it also inculcates human values and concern for the environment and society.

### Focused areas of Research:

Cloud Computing; Big Data Technologies; Distributed Systems; Autonomic Computing; Green Computing; All interdisciplinary areas of computing.

### Objectives of the Faculty Development program:

To expose the Faculty/ Research Scholars/ Students in emerging technologies in the areas of Big Data Analytics. This course provides practical foundation level training that enables immediate and effective participation in big data and other analytics projects.

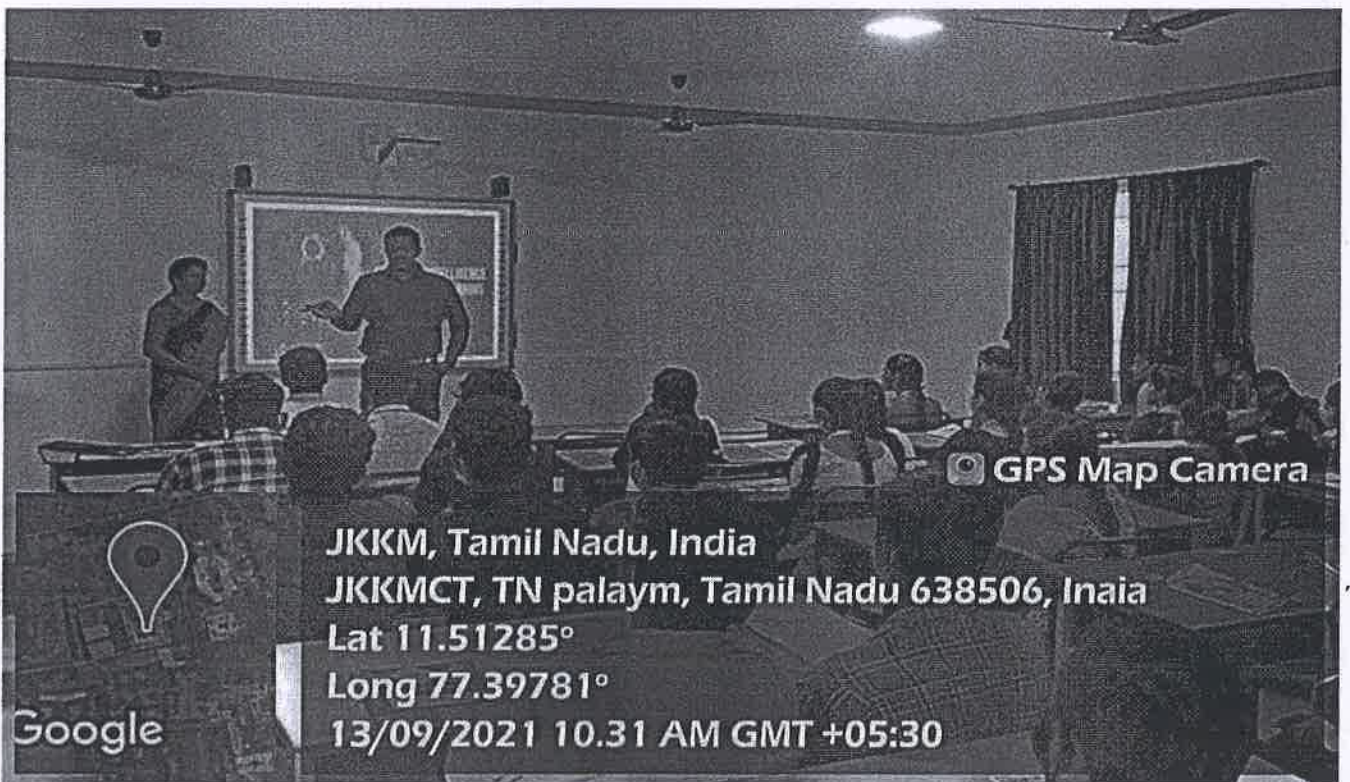
PRINCIPAL

J.K.K. MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
ERODE (Dt)

The speaker also explains three standard models-Infrastructure as a Service (IaaS), Platform as a Service (PaaS) and Software as a Service in detail. The session continues with a presentation on Google Cloud Platform regions, zones, different management tools and developer tools.

**The speaker covers the following topics:**


1. Create virtual machine on Google Cloud platform
2. To deploy one small virtual machine
3. Access through other machine and externally
4. Add disk to additional storage
5. Create a Bucket
6. Accessing the Bucket externally



PIC - CLOUD COMPUTING (13.09.2021 to 18.09.2021)

  
PROGRAM CO-ORDINATOR

  
PRINCIPAL

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.



FDP on “ CLOUD COMPUTING”  
13.09.2021 to 18.09.2021

PARTICIPANTS LIST

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Dr.N.Sathyahalaji	Associate Professor & Head of the Department	
2.	Mr.S.Dharanitharan	Assistant Professor	
3.	Mr.S.B.Manoojkumaar.	Assistant Professor	
4.	Ms.R.Gnanasekar.	Assistant Professor	
5.	Mr.E.Ananth	Assistant Professor	
6.	Mrs.P. Sasireka	Assistant Professor	
7.	Ms.V.Nirosha.	Assistant Professor	
8.	.L.Poornimadevi.	Assistant Professor	
9.	Mr.S.Satheesh.	Assistant Professor	
10.	Mrs.M.C.Savithri.	Assistant Professor	
11.	Ms.K.S.Vinothan.,	Assistant Professor	
12.	Mrs.D.Nivethini	Assistant Professor	
13.	Mr.K.Kalaivendhan	Assistant Professor	
14.	Mrs.S.Kanimozhi	Assistant Professor	
15.	Mrs.S.Priya	Assistant Professor	
16.	Mr.A.Sambathkumar	Assistant Professor	
17.	Mr.S.Sudhakar	Assistant Professor	
18.	MrS.R.Kavitha	Assistant Professor	
19.	Mr.K.R.Vigneshwara	Assistant Professor	
20.	Mr.M.Senthilkumar	Assistant Professor	

PROGRAM CO-ORDINATOR

PRINCIPAL

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506,  
GOBI (TK), ERODE (Dt).

## APPROVAL FOR ORGANIZING A FDP PROGRAMME

**From**

Dr. C. Saravanan,  
Professor & Head,  
Department of Electrical & Electronics Engineering  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**Respected Sir,**

**SUB:** Requesting Permission to conduct FDP-Reg.

The department of Electrical & Electronics Engineering has planned to organize a seven days Faculty Development Program (FDP) in the topic of "ANDROID PHONE TROUBLESHOOTING AND SERVICING" from 23.08.2021 to 29.08.2021. For the benefit of our college department staff updates their knowledge about the smart android cell phone. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

**Thank You**

*Permitted*  
*Sreedh*

Yours Sincerely,

*C. Saravanan*  
15/08/21

(Dr. C. Saravanan)

*Sreedh*

**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GOBI (Tk), ERODE (Dt).**



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

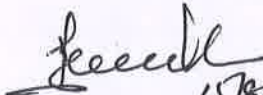


JKKMCT/CIRCULAR/AUG-2021

DATE: 15/08/2021


## CIRCULAR

The Department of Electrical & Electronics was planning to organize a seven days faculty development program on “**ANDROID PHONE TROUBLESHOOTING AND SERVICING**” for the benefit of the faculty from **23.08.2021 to 29.08.2021**. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 18/08/2021.

  
15/8/21  
PRINCIPAL

### Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Seven Days Hands on Training

in

# “**ANDROID PHONE TROUBLESHOOTING AND SERVICING**”

23.08.2021 to 29.08.2021

## REGISTRATION FORM

Name/Dr./Mr./Ms./Mrs: .....

Educational Qualification: .....

Designation: .....

Organization: .....

Mailing Address: .....

Phone: .....

Mobile No: .....

E-Mail ID: .....

Accommodation required: Yes / No

Registration Fee Details:

Amount: .....

D.D.No: .....

Bank Name: .....

Date: .....

Signature

Organizing Committee:

Chief Patrons

**Mrs. Vasanthakumari Munirajah,**  
Chairman,

Secretary

**Mrs. Kasthuripriya  
Kirupakaramurali, MBA.,**

Patron

**Dr.K.Sridharan, M.E., MBA., MIST., Ph.D.,**  
Principal, JKKMCT.

Convener

**Dr. C. Saravanan, M.E., MISTE., Ph.D.,**  
Professor & Head,

### Registration Fee Details

Internal / External Participants: Rs.300

Please all the Registration form and send it before the due date with the DD in favour of "The Principal" jkkmct, payable at T.N.Palayam. No TADA will be given.

### Important Date

Last date for registration: 23<sup>th</sup> Aug 2021

### Contact:

**Dr. C. SARAVANAN, M.E., MISTE., Ph.D.,**  
Professor & Head

Department of Electrical & Electronics Engineering

J.K.K. Munirajah College of Technology

T.N.Palayam, Gobichettipalayam

Erode Dt - 638 506, Tamilnadu

Mobile: + (91) 9994050050

E- mail: [hodeee@jkkmct.edu.in](mailto:hodeee@jkkmct.edu.in)

Website: [www.jkkmct.ac.in](http://www.jkkmct.ac.in)

# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. PALAYAM, GOBICHETTIPALAYAM, ERODE Dt  
NAAC Accredited with "A" Grade.

Seven days Hands on Training  
IN

# “**ANDROID PHONE TROUBLESHOOTING AND SERVICING**”

23.08.2021 to 29.08.2021

Organized by

EMINANCE ASSOCIATION

Department of Electrical & Electronics Engineering

Convener

**Dr. C. SARAVANAN,**

Professor & Head,

Department of Electrical and Electronics Engineering

Co-Conveners

Mr. S.M. Pranesh, Assistant Professor

Mr. T.S. Thambiran, Assistant Professor

Co-ordinators

Mr. A. Vigneshkumar, Assistant Professor

Mr. C. Sasikumar, Assistant Professor

Mr. S. Satheeshkumar, Assistant Professor

Mr. G. Palanisamy, Assistant Professor

Department of Electrical & Electronics Engineering

J.K.K. Munirajah College of Technology

T.N.Palayam, Gobichettipalayam

Erode Dt. - 638 506, Tamilnadu

**ANNAI J.K.K. SAMPOORANI AMMAL CHARITABLE TRUST** run by J.K.K. Munirajah college of Technology was established in the year 2008 Governed by primarily with the objective of delivering world class quality in Education and Training in a structured and systematic manner. J.K.K. Munirajah group of Institutions was founded by Dr. J.K.K. Munirajah, who is a reputed industrialist, technocrat, an educationalist par excellence, an avid social worker, a person imbued in deep spiritual values and a philanthropist. The management has completed 25 years of dedicated service to the people of India and abroad in the field of Education. The Institution has an area of 250 acres of land, mostly endowed with beautiful Greenland. The college with its state-of-the-art infrastructural facilities and excellent academic records has earned recognition as one of the reputed educational institutions for men and women in India.

#### ABOUT THE DEPARTMENT:

The J.K.K. Munirajah college of Technology has introduced the 4 year courses are B.E (Electrical and Electronics Engineering) in the year of 2008. The course was approved by AICTE, New Delhi and affiliated by ANNA University at Chennai and NAAC Accredited with "A" Grade. The department also offers M.E Program in Power Electronics & Drives with well-organized curriculum and state of the art facilities to meet the emerging man-power requirement in the field of Power Electronics. The Electrical and Electronic Engineering strives towards updating the syllabus, so that the students are always equipped with advanced technology to meet Industrial standards. In-tech Laboratories also render the necessary expertise. To develop the department as a center of excellence to take care of the local and regional needs related to Electrical Engineering activity, and to encourage students and faculty to undertake research Programme & Projects of multi-disciplinary characters. The department periodically organizes technical talks, workshops, FDPs and national and international conferences.

#### ABOUT THE TRAINING:

The Students getting training from us are taking as part time smart phone service technician and they are receiving good income from doing it. We are encouraging people to take this valuable course and get the benefit from the certificate that we are providing. In our training phase, we are giving good hands on service training and support to the students. We are provoking our students to analyze the technical issues and to solve it. Hence it would be helpful to improve their technical knowledge and perseverance to make them strong in electronics. The training that we are giving to college students is very reasonable also low in price. The students going out after the training are getting very good compensation and getting valuable knowledge from their career that they are taking after the smart phone service training and getting the certificate from us.

### PROGRAM SCHEDULE

#### THEORY:

- ❖ Basics of Mobile Electronics
- ❖ Smart Phone Trouble shooting Block Diagram
- ❖ Mobile Accessories
- ❖ Innovative applications of Mobile App.

#### PRACTICAL: (Hands on Training)

- ❖ Finding mobile model
- ❖ Use of various Tools & Instruments used in mobile phone repairing
- ❖ Assembling & Disassembling
- ❖ Testing of various parts with Multimeter
- ❖ Testing of Mic, Speaker, Ringer, Vibrator, LCD, Antenna using Multimeter
- ❖ Finding faults and replacing the faulty parts
- ❖ Soldering & De-soldering
- ❖ Jumpering
- ❖ Touch /Display Replacement
- ❖ Mic, Speaker, Ringer trouble shooting Solutions
- ❖ Insert SIM /No signal solution
- ❖ Mic, Speaker, Ringer trouble shooting Solutions
- ❖ Insert SIM /No signal solution
- ❖ Charging Connector pin Replacement
- ❖ Battery Connector and Head Set pin Replacement

How to Solder and De-solder a component using Blower (CCpin, BCPpin, SIM tray, Memory tray, Head set pin, All mobile IC's etc.....).

#### SOFTWARE: ((Hands on Training))

- ❖ What Is Flashing?
- ❖ Flashing Tools
- ❖ Flashing Method
- ❖ Pattern Lock
- ❖ Password Lock
- ❖ Hanging
- ❖ Logo Hanging
- ❖ Mic, Speaker, Ringer trouble shooting Solutions
- ❖ Insert SIM /No signal solution
- ❖ Charging Solution
- ❖ Dead Mobile trouble shooting
- ❖ All Hardware Problem
- ❖ SIM tray/Memory tray Replacement

#### SOFTWARE: ((Hands on Training))

- ❖ Auto ON/OFF
- ❖ Restart
- ❖ SIM lock
- ❖ Unfortunately Google Chrome/Settings/Whats App has Stopped
- ❖ Formatting of Virus affected handsets
- ❖ Flashing of various brands of handsets
- ❖ Unlocking of handset through codes and software.
- ❖ Use of Secret Codes
- ❖ IC Replacement
- ❖ Keypad Problem
- ❖ Touch Screen Problem
- ❖ Network Problem
- ❖ Two types of mobile testing
  - > Continuity test
  - > Voltage test

#### RESOURCE PERSON:

**Mr. B. Krishna Kumar,**  
Managing Director,

**NEW TECHNOLOGY,** Coimbatore  
Mobile, Laptop Service and Training Institute  
AICTE Approved (Internship) Training Institute.

*Swella*  
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**GOBI (Tk), ERODE (Dt).**



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## ANDROID PHONE TROUBLESHOOTING AND SERVICING 23.08.2021 to 29.08.2021

### SCHEDULE PLAN

DATE	FN	AN
23.08.2021	Inaugural function	❖ Basics of Mobile Electronics ❖ Auto ON/OFF
	❖ Smart Phone Trouble shooting Block Diagram	❖ Flashing Tools ❖ Restart
24.08.2021	SIM lock ❖ What Is Flashing?	❖ Unfortunately Google Chrome/Settings/Whats App has Stopped
	❖ Mobile Accessories	❖ Flashing Method
25.08.2021	❖ Finding mobile model	❖ Pattern Lock
	❖ Use of various Tools& Instruments used in mobile phone repairing	❖ Password Lock ❖ Formatting of Virus affected handsets
26.08.2021	❖ Unlocking of handset through codes and software.	❖ Hanging ❖ Flashing of various brands of handsets
	❖ Assembling & Disassembling	❖ Logo Hanging ❖ Use of Secret Codes
27.08.2021	❖ Testing of various parts with Multimeter	❖ Mic, Speaker, Ringer trouble shooting Solutions
	❖ Testing of Mic, Speaker, Ringer, Vibrator, LCD,	❖ Insert SIM /No signal solution ❖ IC Replacement
28.08.2021	❖ Antenna using Multimeter	❖ Charging Solution ❖ Keypad Problem
	❖ Finding faults and replacing the faulty parts	❖ Dead Mobile trouble shooting ❖ SIM tray/Memory tray Replacement
29.08.2021	❖ Soldering& De-soldering ❖ Touch Screen Problem	❖ All Hardware Problem ❖ Network Problem
	❖ Jumpering ❖ Two types of mobile testing 1. Continuity test 2. Voltage test	Valedictory Function

*C. Gayal*  
15/08/21  
CO-ORDINATOR

*Seetha*  
PRINCIPAL

*Seetha*  
PRINCIPAL

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Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	TRAINING PROGRAM
Title of the Event	ANDROID PHONE TROUBLESHOOTING AND SERVICING
Date of Event Organized	23.08.2021 to 29.08.2021
No of Participants	30
Venue	Seminar Hall
Name of Chief Guest/Speakers	<ol style="list-style-type: none"><li>1. <b>Mr. B. Krishna kumar,</b> <b>Managing Director,</b> <b>New Technology</b> Mobile, Laptop Service and Training Institute, Coimbatore.</li><li>2. <b>Mr. Karthick,</b> <b>Service Engineer,</b> <b>New Technology, Coimbatore</b> AICTE Approved (Internship) Training Institute.</li></ol>

### Description/Conclusion:

We all need to know a little about troubleshooting Android phones. If an engineer/programmer came up with a perfect phone – one that doesn't break apart or malfunctions – who could put a price on that? It simply doesn't exist. We and the phones we make are imperfect—subject to the laws of entropy that dictate a gradual decline into disorder.

When a phone develops problems, the first thing we'd normally do is to troubleshoot it ourselves. And we end up scouring the net for solutions to our phone problems. Troubleshooting Android phones is great because most of the time, you won't spend anything, and you'll be the only one getting access to your device.

  
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Thankfully, humans are adept at solving problems. There are some common solutions to try in troubleshooting Android phones. This guide will help you discover solutions and implement them as simply as possible.




**Resource Person Mr. Karthick, Service Engineer of New Technology, Coimbatore explain the service problems of Cell phone**

**Try out these fixes for issues with Android apps.**

1. Reboot device
2. Update the apps
3. Force stop frozen or leggy apps and restart your phone
4. Sign out & back in to your Google account
5. Try Safe mode
6. Clear app data and/or cache
7. Check app settings

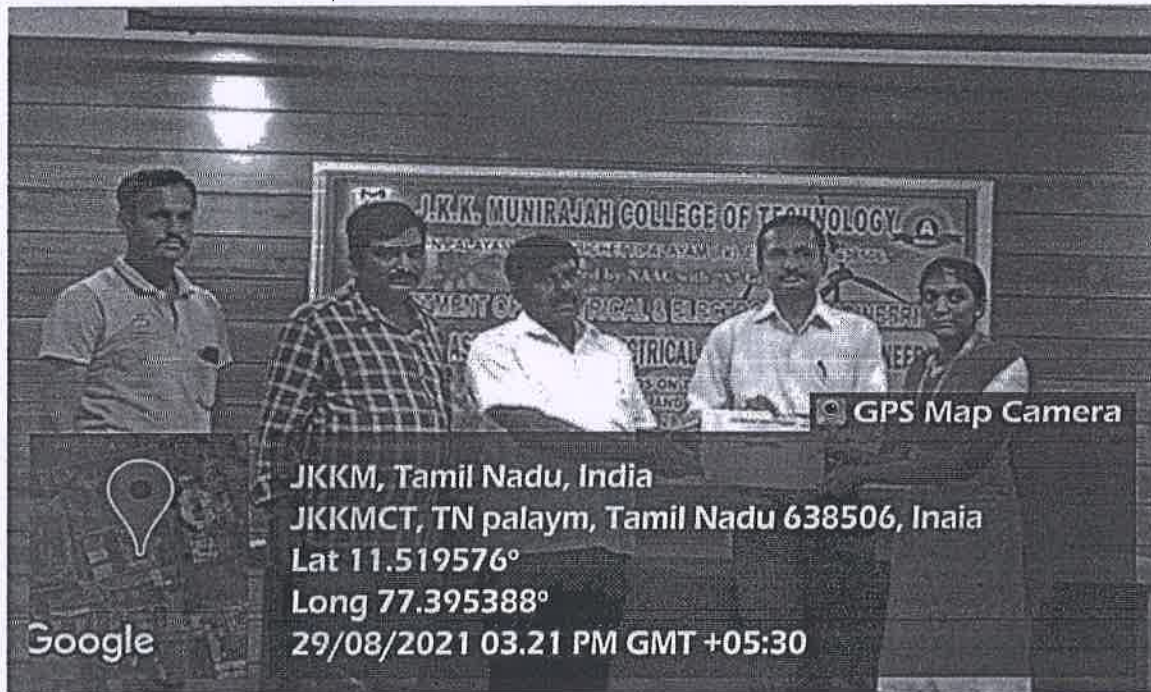
Black screen, blue screen, phone overhcating, battery issues, auto restart/power-off, system crash, bricked Android...? Alright, these may be the most prominent manifestations of Android phone errors, aside from its physical damages.

  
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Actually, when you encounter these problems, you can take Android Repair into account. It is the best Android repair software for PC, which can help solve any system issues almost perfectly for overall Android devices.

**Brief intro to Android Repair:**

- Fix various Android issues, including phone black screen, play store not working, Android not turning on/off, apps keeping crashing/rebooting, OTA update failed, stuck in a boot loop, Android UI not working, bricked Android phone, and more.
- A high success rate of fixing Android problems.
- Fix Android system to normal easily and quickly.
- Support AT&T, Sprint, Verizon, T-Mobile, Vodafone, Orange, etc.
- Apply to a wide range of Android devices, such as Samsung, Huawei, Motorola, LG, Xiaomi, Sony, OPPO, Vivo, etc.



**Resource person Mr. B. Krishna kumar, Managing Director, New Technology hand over the participation certificate.**

*C. Gayadharan*  
29/08/21  
PROGRAM CO-ORDINATOR

*[Signature]*  
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*[Signature]*  
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**FDP on “ANDROID PHONE TROUBLESHOOTING AND  
SERVICING”**





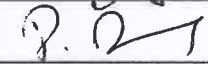




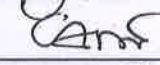
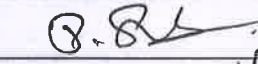
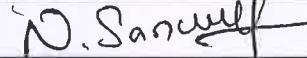
23.08.2021 to 29.08.2021

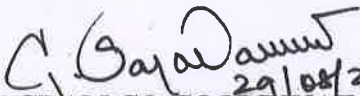
**PARTICIPANTS LIST**

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	C.SARAVANAN	Professor & HoD	C. Saravanan
2.	T.S.THAMBIRAN	Associate Professor	T. S. Thambiran
3.	S.M.PRANESH	Assistant Professor	S. M. Pranesh
4.	A. VIGNESHKUMAR	Assistant Professor	A. Vignesh Kumar
5.	C .SASIKUMAR	Assistant Professor	C. Sasikumar
6.	S .SATHEESHKUMAR	Assistant Professor	S. Satheesh Kumar
7.	G.PALANISAMY	Assistant Professor	G. Palanisamy
8.	R.DHIVYA	Assistant Professor	R. Dhivya
9.	RUTHISH KUMAR G	Assistant Professor	G. Ruthish Kumar
10.	SATHIYAPRIYA V	Assistant Professor	V. Sathyapriya
11.	MURUGESAN C	Professor & HoD	M. Murugesan
12.	SASIKALA U	Assistant Professor	U. Sasikala
13.	ABINAYA.S	Assistant Professor	A. Abinaya
14.	MYTHILI N	Assistant Professor	N. Mythili
15.	NAVINDRAN N	Assistant Professor	N. Navindran
16.	ANANTH.E	Assistant Professor	E. Ananth
17.	SASIREKA.P	Assistant Professor	P. Sasireka
18.	M.C.SAVITHRI	Assistant Professor	M. C. Savithri


  
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GOBI (TK), ERODE (DT).

19.	NIVETHINI.D	Assistant Professor	
20.	SANGEETHA P	Assistant Professor	
21.	RENUKADEVI M	Assistant Professor	
22.	SENTHILKUMAR.M	Assistant Professor	
23.	RAMESH P	Assistant Professor	
24.	K.PRABAKARAN	Assistant Professor	
25.	K.SRIRAM	HOD/MECH	
26.	M.SIVAKUMAR	Assistant Professor	
27.	S.KARTHIKEYAN	Assistant Professor	
28.	RAMESH.K.S	Assistant Professor	
29.	ESWARAN.P	Assistant Professor	
30.	SANKAR.N	Assistant Professor	

  
PROGRAM CO-COORDINATOR  
29/04/21

  
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**APPROVAL FOR ORGANISING AN FACULTY DEVELOPMENT  
PROGRAMME**

**From**

Dr. N. Sathyabalaji ,  
Associative Professor & Head,  
Department of Computer Science & Engineering  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**Respected Sir,**

**SUB:** Requesting Permission to conduct FDP-Reg.

The department of Computer Science & Engineering has planned to organize a seven days Faculty Development Program (FDP) in the topic of **"DATA SCIENCE USING PYTHON"** from **02.08.2021 to 07.08.2021**. For the benefit of our college department staff updates their knowledge about the overall Data Science Using Python technology. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

**Thank You**

Yours Sincerely,

*Dr. N. Sathyabalaji*  
*Sathyabalaji*

*Sathyabalaji*  
(Dr. N. Sathyabalaji)

*Sathyabalaji*  
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Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



JKKMCT/CIRCULAR/JUL-2021

DATE: 27/07/2021


## CIRCULAR

The Department of Computer science & Engineering is planning to organize a Faculty Development program on “DATA SCIENCE USING PYTHON” for the benefit of faculty member’s from **02.08.2021 to 07.08.2021**. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD’s on or before 30/07/2021.

  
27/7/21  
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Copy To,

The Principal,  
All the HoD’s and Staff Members,  
IQAC File  
Notice Board

  
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## Invited Speakers

**Mr. C.B. SivaParthiban,**  
Data Scientist ,  
Thirsty Crowz.

**Mr. R. BalaMurugan,**  
Associate Professor,  
VIT University,  
Vellore.



## Mailyour Registration forms:

**Dr. N. SATHYABALAJI**  
Associate Professor & Head/CSE  
J.K.K. Munirajah College of  
Technology, T.N.Palayam,  
Gobichetipalayam,  
Erode Dt-638 506.  
Phone: 04285-260755.  
Email: [hodcse@jkkmct.edu.in](mailto:hodcse@jkkmct.edu.in)

## Registration Committee

*Mr. R. Gnanasekar*  
*Mrs. V. Nirosha*

*Seede*  
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**OF TECHNOLOGY**  
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## ORGANIZING COMMITTEE

**Chief Patrons**  
**Mrs. Vasanthakumari Munirajah,**  
**Chairman,**

**Secretary**  
**Mrs. Kasthuripriya Kirupakaramurali,**  
**MBA.,**  
**Patron.**  
**Dr. K. Sridharan, M.E., MBA., MISTE., Ph.D.,**  
**Principal, JKKMCT**

**Convener**  
**Dr. N. Sathyabalaji M.E., Ph.D., MISTE.,**  
**Associate Professor & Head/CSE/ JKKMCT**  
**Coordinators**

1. **Mrs. V. Nirosha** 2. **Mr. R. Gnanasekar**  
Assistant Professor, Assistant Professor  
CSE. CSE

## Participant/Selection Procedure

Faculty members, Research Scholars and other institution faculty members. Maximum number of participants is limited to 50, hence, the selection will be based on first-come, first-served basis.

## No Registration Fee

Registration can be made through  
<http://www.jkkmct.org/rec-fdp-2021>  
No TA/DA will be given.

## Important Dates

Last date for receipt to fill in applications:  
30<sup>th</sup> Jul, 2021  
Date of intimation regarding selection:  
02<sup>nd</sup> Aug, 2021

## FACULTY DEVELOPMENT PROGRAM (FDP) On **Data Science using Python** (02/08/2021 to 07/08/2021)

Organized by

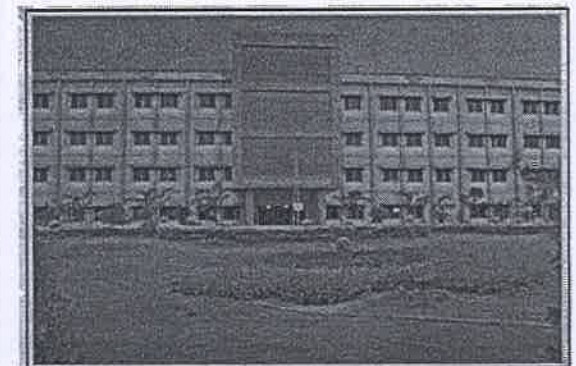
## NITRODUS ASSOCIATION of

Department of Computer Science  
& Engineering

J.K.K. MUNIRAJAH COLLEGE

## OF TECHNOLOGY

T. N. PALAYAM,  
GOBICHETTIPALAYAM,  
ERODE DT, TN-638056



### About the College

J.K.K. Munirajah college of Technology was established in the year 2008 Governed by Annai J.K.K. Sampoorani Ammal Charitable Trust, primarily with the objective of delivering world class quality in Education and Training in a structured and systematic manner J.K.K. Munirajah group of Institutions was founded by J.K.K. Munirajah, who is a reputed industrialist, technocrat, an educationalist par excellence, social worker, a person imbibed in deep spiritual values and a philanthropist. The management has completed 25 years of dedicated service to the people of India and abroad in the field of Education. The Institution has an area of 250 acres of land richly endowed with beautiful Greenland. The college with its state-of-the-art infrastructural facilities and excellent academic records has earned recognition as one of the reputed educational institutions for men and women in India.

### About the Department

The J.K.K. Munirajah college of Technology has introduced the 4 year courses are B.E (Computer Science & Engineering) in the year of 2008. The course was approved by AICTE, New Delhi and affiliated by ANNA University at Chennai. The Computer Science and Engineering strives towards updating the syllabus. So that the students are always equipped with advanced technology to meet Industrial standard Hi tech Laboratories also render the necessary expertise. To develop the department as a center of excellence to take care of the local and regional needs related to software Engineering activity, and to encourage students and faculty to undertake research Programme & Projects of multi - disciplinary characters

### Course Highlights

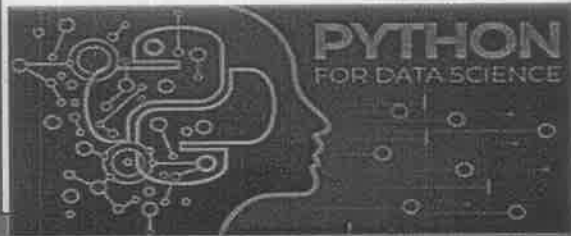
- Data wrangling
- Data exploration
- Data visualization
- Mathematical computing
- Web scraping
- Hypothesis building
- Python programming concepts
- NumPy and SciPy package
- Scikit Learn package for Natural Language Processing

### Insights of the programme

Introduction to Data Science using Python. Python is an open-source (free), general-purpose (unlimited), programming language which is the most popular for doing data science. Many companies and businesses are now using Python to gain insights from their data, which helps them to have competitive advantage. This course will take a practical approach by using codes written in Jupiter notebooks (a tool that most Data Scientists use on a daily basis) to teach you how to program with Python with the focus on doing data science..

### Objectives of the programme

The course provides faculties with wide general overview of Python - a general-purpose programming language that is becoming ever more popular for data science. The focus is on the application of Python specifically for data science. The course is about ways to import, store and manipulate data, and helpful data science tools to conducting data analyses. The course is intended for staffs with little programming background. The learning process is facilitated with Data Camp platform.



### REGISTRATION FORM

# Data Science using Python

On

02/08/2021 to 07/08/2021

Name (in BLOCK LETTERS)

Mr./Ms/Dr. \_\_\_\_\_

Designation & Department

Name of the Institution/Organization

Address for Communication

E-Mail \_\_\_\_\_

Contact Number Office \_\_\_\_\_

Mobile \_\_\_\_\_

Signature

Place: .

Signature of Principal



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**DATA SCIENCE USING PYTHON**  
**02.08.2021 to 07.08.2021**

**SCHEDULE PLAN**

<b>DAY AND DATE</b>	<b>COURSE CONTENTS</b>
Day 1: Monday, 02/08/2021	Introduction
Day 2: Tuesday, 03/08/2021	Block chain factors and issues
Day 3: Wednesday, 04/08/2021	Block-chain security issues
Day 4: Thursday, 05/08/2021	The Fundamentals of Block-chain
Day 5: Friday, 06/08/2021	Block chain use cases for cyber security
Day 6: Saturday, 07/08/2021	Cyber security and block chain technology: Pros & Cons

**CO-ORDINATOR**

**PRINCIPAL**

**PRINCIPAL**

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Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	FACULTY DEVELOPMENT PROGRAM
Title of the Event	DATA SCIENCE USING PYTHON
Date of Event Organized	02.08.2021 to 08.08.2021
No of Participants	20
Venue	Seminar Hall
Name of Chief Guest/Speakers	<b>Mr. C.B. SivaParthiban</b> Data scientist, Thirsty crowz.  <b>Mr. R.BalaMurugan,</b> Associate Professor, VIT University.

### Description/Conclusion:

Python is open source, interpreted, high level language and provides great approach for object-oriented programming. It is one of the best language used by data scientist for various data science projects/application. Python provide great functionality to deal with mathematics, statistics and scientific function. It provides great libraries to deals with data science application.

One of the main reasons why Python is widely used in the scientific and research communities is because of its ease of use and simple syntax which makes it easy to adapt for people who do not have an engineering background. It is also more suited for quick prototyping.

According to engineers coming from academia and industry, deep learning frameworks available with Python APIs, in addition to the scientific packages have made Python incredibly productive and versatile. There has been a lot of evolution in deep learning Python frameworks and it's rapidly upgrading.

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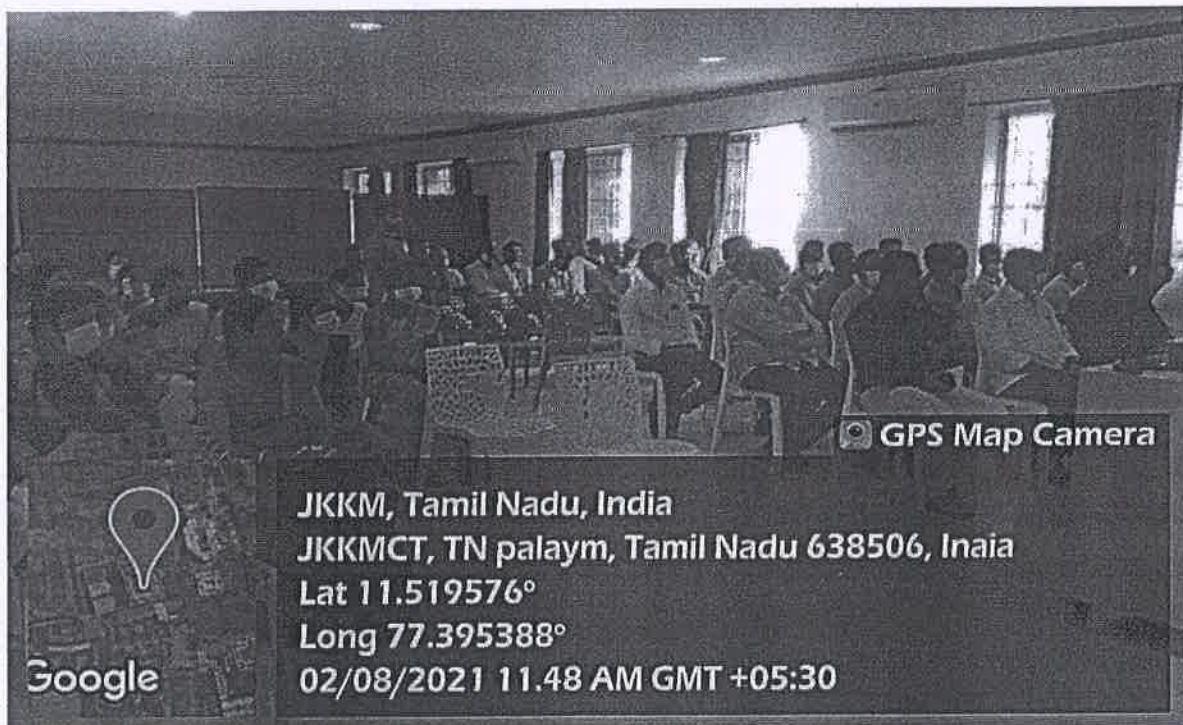
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Gobi (Tk), Erode (Dt)

In terms of application areas, ML scientists prefer Python as well. When it comes to areas like building fraud detection algorithms and network security, developers leaned towards Java, while for applications like natural language processing (NLP) and sentiment analysis, developers opted for Python, because it provides large collection of libraries that help to solve complex business problem easily, build strong system and data application.


**Benefits of Data science using python:**

- Ease of Learning
- Faster Development and Processing
- Powerful Packages
- Community Support
- Better Data Visualization
- Compatible with Hadoop



**Pic- DATA SCIENCE USING PYTHON (02.08.2021 to 08.08.2021)**

  
**PROGRAM CO-ORDINATOR**

  
**PRINCIPAL**  
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**PRINCIPAL**



FDP on “DATA SCIENCE USING PYTHON”  
02.08.2021 to 07.08.2021

PARTICIPANTS LIST

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Dr.N.Sathyabalaji	Associate Professor & Head of the Department	
2.	Mr.S.Dharanitharan	Assistant Professor	
3.	Mr.S.B.Manoojkumaar.	Assistant Professor	
4.	Ms.RGnanasekar.	Assistant Professor	
5.	Mr.E.Ananth	Assistant Professor	
6.	Mrs.P. Sasireka	Assistant Professor	
7.	Ms.V.Nirosha.	Assistant Professor	
8.	.L.Poornimadevi.	Assistant Professor	
9.	Mr.S.Satheesh.	Assistant Professor	
10.	Mrs.M.C.Savithri.	Assistant Professor	
11.	Ms.K.S.Vinothan.,	Assistant Professor	
12.	Mrs.D.Nivethini	Assistant Professor	
13.	Mr.K.Kalaivendhan	Assistant Professor	
14.	Mrs.S.Kanimozhi	Assistant Professor	
15.	Mrs.S.Priya	Assistant Professor	
16.	Mr.A.Sambathkumar	Assistant Professor	
17.	Mr.S.Sudhakar	Assistant Professor	
18.	MrS.R.Kavitha	Assistant Professor	
19.	Mr.K.R.Vigneshwara	Assistant Professor	
20.	Mr.M.Senthilkumar	Assistant Professor	

9/8/21

PROGRAM CO-ORDINATOR

PRINCIPAL

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (DT).

## APPROVAL FOR ORGANISING A FACULTY DEVELOPMENT PROGRAMME

**From**

Dr. N. Sathyabalaji ,  
Associate Professor & Head,  
Department of Information Technology  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

Respected Sir,

**SUB:** Requesting Permission to conduct FDP-Reg.

The department of Information Technology has planned to organize a seven days Faculty Development Program (FDP) in the topic of **“REMOTE LEARNING THROUGH SPOKEN TUTORIAL** from **12.07.2021** to **17.07.2021**. For the benefit of our college department staff updates their knowledge about the overall Data Science Using Python technology. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

Thank You

*Permitted*  
*Sreedh*

Yours Sincerely,

*Sathy*

(Dr. N. Sathyabalaji)

*Sreedh*  
**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

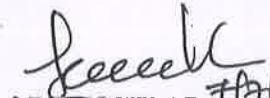


JKKMCT/CIRCULAR/MAY-2021

DATE: 07/07/2021


## CIRCULAR

The Department of Computer science & Engineering is planning to organize a Faculty Development program on “**REMOTE LEARNING THROUGH SPOKEN TUTORIAL**” for the benefit of faculty member’s from **12.07.2021** to **17.07.2021**. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD’s on or before 10.07.2021.

  
PRINCIPAL #A/21

Copy To,

The Principal,  
All the HoD’s and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

## Invited Speakers

**Mr. C.B. Siva Parthiban,**  
Data Scientist,  
Thirsty Crowz.

**Mr. R. Bala Murugan,**  
Associate Professor,  
VIT University,  
Vellore.



## Mailyour Registration forms:

**Dr. N. SATHYABALAJI**  
Associate Professor & Head/CSE  
J.K.K. Munirajah College of Technology,  
T.N.Palayam, Gobichetipalayam,  
Erode Dt-638 506.

Phone: 04285-260755.

Email: [hodcse@jkkmct.edu.in](mailto:hodcse@jkkmct.edu.in)

## Registration Committee

1. Mrs. D. Nivethini

2. Mrs. P. Sangeetha

*Sreedh*

**PRINCIPAL**  
**J.K.K. MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**

T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

## ORGANIZING COMMITTEE

### Chief Patrons

**Mrs. Vasanthakumari Munirajah,**  
Chairman,

### Secretary

**Mrs. Kasthuripriya Kirupakarmurali, MBA.,**  
Patron.

**Dr. K. Sridharan, M.E., MBA., MISTE., Ph.D.,**  
Principal, JKKMCT

### Convener

**Dr. N. Sathyabalaji M.E., Ph.D., MISTE.,**  
Associate Professor & Head/CSE/ JKKMCT

### Coordinators

1. **Mrs. D. Nivethini** 2. **Mrs. P. Sangeetha**  
Assistant Professor/IT Assistant Professor/IT

### Participant/Selection Procedure

Faculty members, Research Scholars and other institution faculty members. Maximum number of participants is limited to 50 hence; the selection will be based on first-come, first-served basis.

### No Registration Fee

Registration can be made through  
<http://www.jkkmct.org/rec-fdp-2021>  
No TA/DA will be given.

### Important Dates

Last date for receipt to filled in applications:  
2<sup>nd</sup> July, 2021

Date of intimation regarding selection:

06<sup>th</sup> Jul, 2021

## FACULTY DEVELOPMENT PROGRAM (FDP)

On

## REMOTE LEARNING THROUGH SPOKEN TUTORIAL

12.07.2021 to 17.07.2021

Organized by

Department of Information Technology

J.K.K. MUNIRAJAH COLLEGE

OF TECHNOLOGY

T. N. PALAYAM,  
GOBICHETTIPALAYAM,  
ERODE DT, TN-638056



### About the College

J.K.K. Munirajah college of Technology was established in the year 2008 Governed by Annai J.K.K. Sampoorani Ammal Charitable Trust, primarily with the objective of delivering world class quality in Education and Training in a structured and systematic manner J.K.K. Munirajah group of Institutions was founded by J.K.K. Munirajah, who is a reputed industrialist, technocrat, an educationalist par excellence, an avoid social worker, a person imbibed in deep spiritual values and a philanthropist. The management has completed 25 years of dedicated service to the people of India and abroad in the field of Education. The Institution has an area of 250 acres of land richly endowed with beautiful Greenland. The college with its state-of- the- art infrastructural facilities and excellent academic records has earned recognition as one of the reputed education an institutions for men and women in India.

### About the Department

The J.K.K. Munirajah college of Technology has introduced the 4 year courses are B.Tech (Information Technology) in the year of 2008. The course was approved by AICTE, New Delhi and affiliated by ANNA University at Chennai. The Computer Science and Engineering strives towards updating the syllabus. So that the students are always equipped with advanced technology to meet Industrial standard Hi tech Laboratories also render the necessary expertise. To develop the department as a center of excellence to take care of the local and regional needs related to software Engineering activity, and to encourage students and faculty to undertake research Programme & Projects of multi – disciplinary characters.

### Course Highlights

- Office Automation system
- Free and Open source operating system
- E Governance programs
- Hypothesis building
- Python programming concepts
- Latex
- Scikit Learn package for Natural Language Processing

### Insights of the programme

Introduction to remote Learning through spoken tutorial .Python is an open-source (free), general-purpose (unlimited), programming language which is the most popular for doing data science. Many companies and businesses are now using Python to gain insights from their data, which helps them to have competitive advantage. This course will take a practical approach by using codes written in Jupiter notebooks (a tool that most Data Scientists use on a daily basis) to teach you how to program with Python with the focus on doing data science.

### Objectives of the programme

The course provides faculties with wide general overview of Python – a general-purpose programming language that is becoming ever more popular for data science. The focus is on the application of Python specifically for data science. The course is about ways to import, store and manipulate data, and helpful data science tools to conducting data analyses. The course is intended for staffs with little programming background. The learning process is facilitated with Data Camp platform.



### REGISTRATION FORM

## REMOTE LEARNING THROUGH SPOKEN TUTORIAL

On

**12.07.2021 to 17.07.2021**

Name (in BLOCK LETTERS)

Mr./Ms/Dr. \_\_\_\_\_

Designation & Department

Name of the Institution/Organization

Address for Communication

E-Mail \_\_\_\_\_

Contact Number Office \_\_\_\_\_

Mobile \_\_\_\_\_

Signature \_\_\_\_\_

Place: \_\_\_\_\_ Signature of Principal



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY**

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



## REMOTE LEARNING THROUGH SPOKEN TUTORIAL

12.07.2021 to 17.07.2021

### SCHEDULE PLAN

DAY AND DATE	COURSE CONTENTS
Day 1: 12.07.2021	Introduction to Computers
Day 2: 13.07.2021	Programming Languages / Information Technology
Day 3: 14.07.2021	Modeling and Simulation
Day 4: 15.07.2021	Multimedia / Drawing
Day 5: 16.07.2021	Scripting Languages / Web Development
Day 6: 17.07.2021	Learning Management System

  
CO-ORDINATOR



  
PRINCIPAL

**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.

Gobi (Tk) Erode (Dt)



## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	FACULTY DEVELOPMENT PROGRAM
Title of the Event	<b>REMOTE LEARNING THROUGH SPOKEN TUTORIAL</b>
Date of Event Organized	<b>12.07.2021 to 17.07.2021</b>
No of Participants	20
Venue	Seminar Hall
Name of Chief Guest/Speakers	<b>Mr. C.B. SivaParthiban</b> Data scientist, Thirsty crowz.  <b>Mr. R.BalaMurugan,</b> Associate Professor, VIT University.

### Description/Conclusion:

Spoken Tutorial Forums is a friendly online discussion forum. You can join existing discussions or start new topics, and get lots of replies from the Spoken Tutorial community. Registration to Forums is completely free and takes only one minute. Forums is very easy to use, even for computer newbies. It's very easy to format forum posts with fonts, colors, and many other options. You can attach files to your posts directly from your computer. You can give links to webpages or videos from other video websites.

Spoken Tutorial methodology is used to create a series of OSS tutorials of LateX, Scilab, LiuxPython and more. The duration of a typical tutorial is about 10 minutes and many such tutorial videos can be compiled to form entire study plans capable of advanced teaching as well.

The basic approach is the creation of a script which is the basis for creating the actual video of this

  
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OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.

  
PRINCIPAL

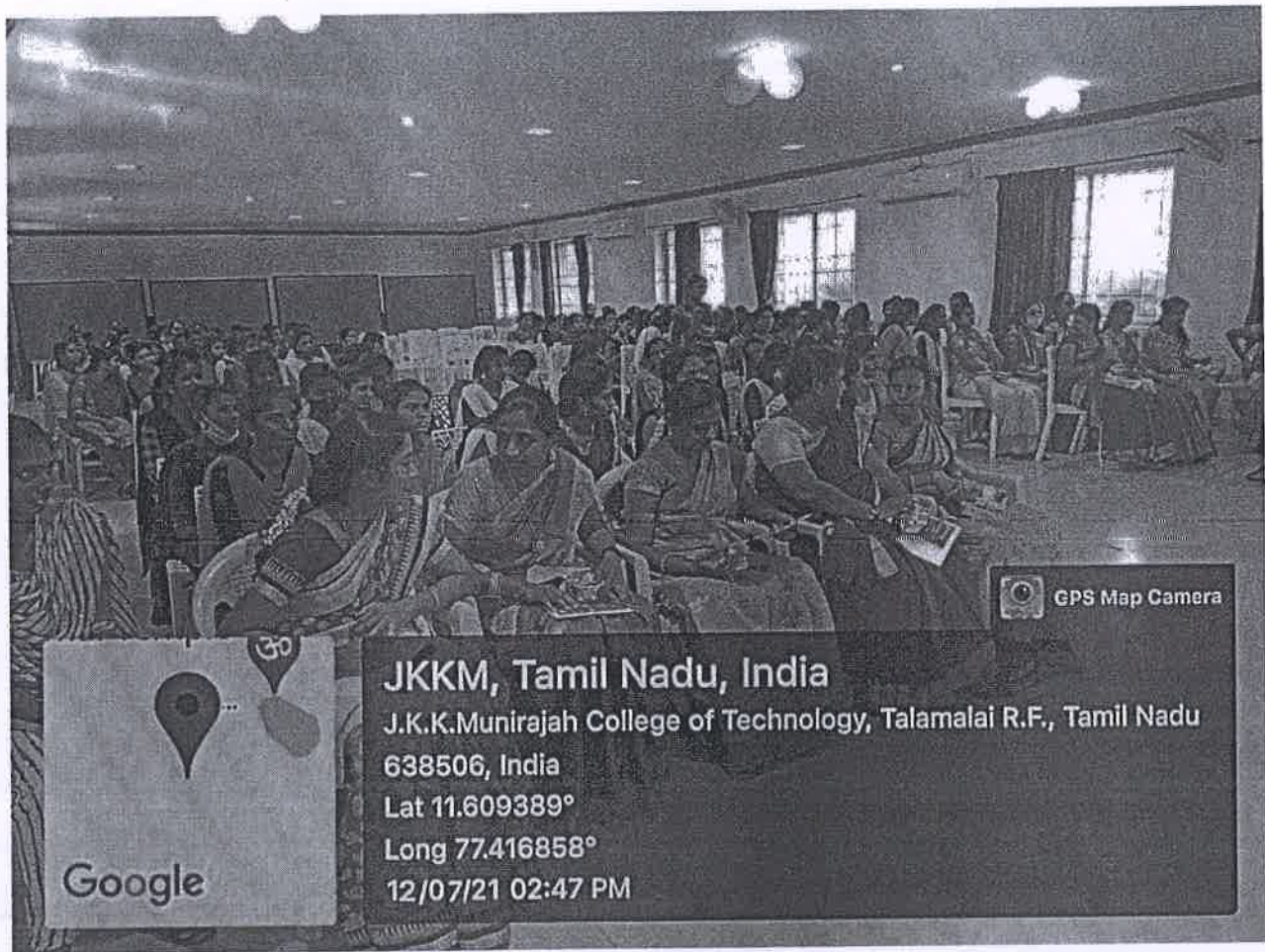
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.

script can be translated into other languages for the audio part, though the visualizations remain in English. It provides tutorials in various Indian regional languages as well.


**Benefits of remote learning:**

- The learning method is highly beneficial for self-learning.
- It helps amateurs achieve expertise in FOSS
- These workshops are conducted remotely via. Video Conferencing Tool, such as Skype.



**Pic- REMOTE LEARNING THROUGH SPOKEN TUTORIAL**

**12.07.2021 to 17.07.2021**

  
**PROGRAM CO-ORDINATOR**

  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**

  
**PRINCIPAL**



**FDP on “ REMOTE LEARNING THROUGH SPOKEN TUTORIAL”**

**12.07.2021 to 17.07.2021  
PARTICIPANTS LIST**

S.NO	NAME OF THE TEACHER	DESIGNATION	SIGNATURE
1.	Dr.N.Sathyabalaji	Associate Professor & Head of the Department	
2.	Mr.S.Dharanitharan	Assistant Professor	
3.	Mr.S.B.Manoojkumaar.	Assistant Professor	
4.	Ms.RGnanasekar.	Assistant Professor	
5.	Mr.E.Ananth	Assistant Professor	
6.	Mrs.P. Sasireka	Assistant Professor	
7.	Ms.V.Nirosha.	Assistant Professor	
8.	L.Poornimadevi.	Assistant Professor	
9.	Mr.S.Satheesh.	Assistant Professor	
10.	Mrs.M.C.Savithri.	Assistant Professor	
11.	Ms.K.S.Vinothan.,	Assistant Professor	
12.	Mrs.D.Nivethini	Assistant Professor	
13.	Mr.K.Kalaivendhan	Assistant Professor	
14.	Mrs.S.Kanimozhi	Assistant Professor	
15.	Mrs.S.Priya	Assistant Professor	
16.	Mr.A.Sambathkumar	Assistant Professor	
17.	Mr.S.Sudhakar	Assistant Professor	
18.	MrS.R.Kavitha	Assistant Professor	
19.	Mr.K.R. Vigneshwara	Assistant Professor	
20.	Mr.M.Senthilkumar	Assistant Professor	

PROGRAM CO-ORDINATOR

PRINCIPAL

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

## APPROVAL FOR ORGANIZING A FDP PROGRAMME

**From**

Mr. M. Ponnusamy,  
Assistant Professor & Head,  
Department of Science & Humanities,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

**To,**

The Principal,  
J.K.K. Munirajah College of Technology,  
T.N. Palayam, Gobichetipalayam,  
Erode DT-638 506.

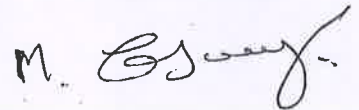
**Respected Sir,**

**SUB:** Requesting Permission to conduct FDP-Reg.

The department of Science & Humanities has planned to organize a three days Faculty Development Program (FDP) in the topic of **“IPR & FUNDAMENTALS OF PATENT FILLING & PROSECUTION”** from **08.06.2021 to 10.06.2021**. For the benefit of our college department staff updates their knowledge about the patent filling and IPR fundamentals. I am eagerly waiting for your feedback as I have to inform the entire faculty well in advance.

**Thank You**

Yours Sincerely,



(Mr. M. Ponnusamy)

*Permitted  
Succell*



**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GOBI (Tk), ERODE (Dt).**



# J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



JKKMCT/CIRCULAR/JUN-2021

DATE: 03/06/2021


## CIRCULAR

The Department of Science & Humanities was planning to organize a seven days faculty development program on “**IPR & FUNDAMENTALS OF PATENT FILLING & PROSECUTION**” for the benefit of the faculty from **08.06.2021 to 10.06.2021**. All the department staff members those who are interested to attend the program can enroll their names to their respective HoD's on or before 05/06/2021.

  
PRINCIPAL

### Copy To,

The Principal,  
All the HoD's and Staff Members,  
IQAC File  
Notice Board

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

## Invited Speakers

**Mrs. Preethi Narayanan, Scientist,**  
Centre for Fuel Cell Technology (CFCT)  
International Advanced Research Centre for  
Powder Metallurgy and New Materials  
(ARCI), IITM Research, Chennai

**Mr. Ram Jawakar,**  
Assistant Controller of patents & Designs,  
Office of Controller General of Patents,  
Designs and Trade mark, Chennai.

**Mr. M.R. Manivasakam,**  
Assistant Controller of patents & Designs,  
The Patents Office, Chennai



## Mail your Registration forms:

**Mr. M. Ponnusamy, M.Sc., M.Phil.,**  
Assistant Professor & Head,  
J.K.K. Munirajah College of  
Technology, T.N. Palayam,  
Gobichetpalayam,  
Erode Dt -638 506.  
Phone: 04285 - 260755.  
Email: [hods&h@jkkmct.edu.in](mailto:hods&h@jkkmct.edu.in)

*Keeth*  
**PRINCIPAL**  
**J.K.K. MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
T.N. PALAYAM (Po)-638506,  
GOBI (TK), ERODE (Dt).

## ORGANIZING COMMITTEE

### Chief Patrons

**Mrs. Vasanthakumari Munirajah,**  
Chairman,

### Secretary

**Mrs. Kasthuripriya Kirupakaramurali, MBA.,**

### Patron.

**Dr. K. Sridharan, M.E., MBA., MISTE., Ph.D.,**  
Principal, JKKMCT

### Convener

**Mr. M. Ponnusamy, M.Sc., M.Phil.,**  
Assistant Professor & Head,  
S&H, JKKMCT

### Co-Convener

**Mrs. S. Poornima, M.A., M.Ed.,**  
Assistant Professor/English  
Department of EEE,

### Participant/Selection Procedure

Faculty members, Research Scholars and our  
other institution faculty members. Maximum  
number of participants is limited to 50, hence,  
the selection will be based on first-come,  
first-served basis.

### No Registration Fee

Registration can be made through  
<http://www.jkkmct.org/rec-fdp-2021>

No TA/DA will be given.

### Important Dates

Last date for receipt of filled in applications:

**06<sup>th</sup> June, 2021**

Date of intimation regarding selection:

**08<sup>th</sup> June, 2021**

## FACULTY DEVELOPMENT PROGRAM (FDP)

On

## IPR & FUNDAMENTALS OF PATENT FILLING & PROSECUTION

(08/06/2021 to 10/06/2021)

Organized by

of

Department of Science &  
Humanities

J.K.K. MUNIRAJAH COLLEGE

OF TECHNOLOGY

**T. N. PALAYAM,**  
**GOBICHETTIPALAYAM,**  
**ERODE DT, TN-638 056**



## About the College

J.K.K. Munirajah college of Technology was established in the year 2008 Governed by Annai J.K.K. Sampoorani Ammal Charitable Trust, primarily with the objective of delivering world class quality in Education and Training in a structured and systematic manner J.K.K. Munirajah group of Institutions was founded by J.K.K. Munirajah, who is a reputed industrialist, technocrat, an educationalist par excellence, an avid social worker, a person imbued in deep spiritual values and a philanthropist. The management has completed 25 years of dedicated service to the people of India and abroad in the field of Education. The Institution has an area of 250 acres of land richly endowed with beautiful Greenland. The college with its state-of-the-art infrastructural facilities and excellent academic records has earned recognition as one of the reputed educational institutions for men and women in India.

## About the Department

The J.K.K. Munirajah college of Technology has introduced the UG and PG courses in the year of 2008. The course was approved by AICTE, New Delhi and affiliated by ANNA University at Chennai. The Science and Humanities department strives towards updating the syllabus. So that the students are always equipped with advanced technology to meet Industrial standard Hi tech Laboratories also render the necessary expertise. To develop the department as a center of excellence to take care of the local and regional needs related to all Engineering activity, and to encourage students and faculty to undertake research Programme & Projects of multi – disciplinary characters

## Objectives of the programme

Intellectual property is the outcome of human intellect. In other words we can say that intellectual property is an idea of mind that got transformed into physical form which is commercially viable and which improves the quality of life of humans Although, there is an abundance of creative and innovative energies which are flowing in India still, much of the Intellectual Property (IP) created remains unprotected.

The probable reasons could be lack of awareness, weak infrastructural support and perceptual mind blockages related to the complicated procedures associated with the Intellectual Property management Looking into this, nationwide initiatives have been taken by policy makers to spread awareness about the significance of IPRS to promote innovation and Entrepreneurship among students and startups IPR protection provides a tool for entrepreneurs to appropriate their returns from innovation by protecting and commercializing their IPRS. The prime purpose of this FDP is to provide basic knowledge of IPRs, its importance and implications in promoting entrepreneurship and start-up ecosystem among young Scholars, Small & Medium Enterprise (SME) and Grass root level innovators.

- To boost the level of awareness, curiosity, knowledge and information about IPR issues.
- To explain the role of Intellectual Property Rights in promoting and safeguarding the interests of the innovators.
- To analyze the impact of IPR on Technology Transfer agreements, Innovation outcomes and investment on R&D at industry
- To provide an understanding about the provisions and procedures of Indian Patent act and the benefits arising out of the protection and commercialization of Intellectual Property among the start-ups.
- To analyze the impact of IPR on Entrepreneurship Development

## REGISTRATION FORM

### “IPR & FUNDAMENTALS OF PATENT FILING & PROSECUTION”

On

08.06.2021 to 10.06.2021

Name (in BLOCK LETTERS)

Mr. / Ms / Dr. \_\_\_\_\_

Designation & Department

Name of the Institution/Organization

E-Mail \_\_\_\_\_

Contact Number Office

Mobile \_\_\_\_\_

Signature

Place:

Signature of Principal



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.




**IPR & FUNDAMENTALS OF PATENT FILLING & PROSECUTION**  
**08.06.2021 to 10.06.2021**

**SCHEDULE PLAN**

DATE	FN	AN
08.06.2021	Inaugural function. Basics of Patent filling and IPR.	International framework for the protection of IPR
09.06.2021	Scope of IPRs, Purpose of the Patent System.	Legal Framework of Patents in India vis-à-vis Global platform, Introduction to Patentability and Non-Patentable Inventions
10.06.2021	Requirements for Filing a Patent Application, Types of Patent Applications	Patent Prosecution in India, Career Opportunities in IPR domains for students & professionals

  
CO-ORDINATOR

  
PRINCIPAL

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).



## J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506


Approved by AICTE, New Delhi And Affiliated to Anna University,  
Chennai.

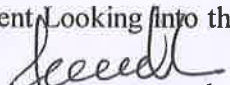


Name of Institution	JKKM COLLEGE OF TECHNOLOGY
Name of Event Organized	FACULTY DEVELOPMENT PROGRAM
Title of the Event	<b>IPR &amp; FUNDAMENTALS OF PATENT FILLING &amp; PROSECUTION</b>
Date of Event Organized	<b>08.06.2021 to 10.06.2021</b>
No of Participants	30
Venue	Seminar Hall
Name of Chief Guest/Speakers	<p><b>Mrs. Preethi Narayanan, Scientist,</b> Centre for Fuel Cell Technology (CFCT) International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), IITM Research, Chennai</p> <p><b>Mr. Ram Jawakar,</b> Assistant Controller of patents &amp; Designs, Office of Controller General of Patents, Designs and Trade mark, Chennai.</p> <p><b>Mr. M.R. Manivasakam,</b> Assistant Controller of patents &amp; Designs, The Patents Office, Chennai</p>

### Description/Conclusion:

Intellectual property is the outcome of human intellect. In other words we can say that intellectual property is an idea of mind that got transformed into physical form which is commercially viable and which improves the quality of life of humans. Although, there is an abundance of creative and innovative energies which are flowing in India still, much of the Intellectual Property (IP) created remains unprotected. The probable reasons could be lack of awareness, weak infrastructural support and perceptual mind blockages related to the complicated procedures associated with the Intellectual Property management. Looking into this,

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
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GOBI (TK), ERODE (Dt).

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506,  
GOBI (TK), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.



**FDP on “ IPR & FUNDAMENTALS OF PATENT FILLING & PROSECUTION”**

**08.06.2021 to 10.06.2021**

**PARTICIPANTS LIST**



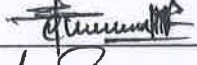
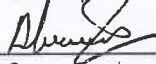
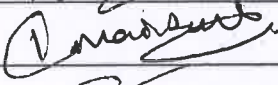



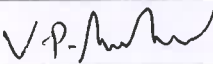

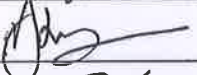
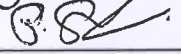
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13.	Mrs.M.Kavitha	Assistant Professor	M. Kavitha
14.	MR.S. Prem kumar	Assistant Professor	S. Prem kumar
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25.	Mr.C.Somasundaram	Assistant Professor	
26.	Mr.K.S.Ramesh	Assistant Professor	
27.	Mr. V.P.ArulMurugan	Assistant Professor	
28.	Mr.S.GaneshKumar	Assistant Professor	
29.	Mr.S.Karthikeyan	Assistant Professor	
30.	Mr.P.Eswaran	Assistant Professor	

  
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