

2021-2022

PROGRAM OBJECTIVES

1. Plan and organize to find the faults and Diagnosis of vehicle controls (conventional) and suggest appropriate measure for brake, suspension and steering system.
2. Examine/interpret the faults in Diagnosis of vehicle control system (advanced) and suggest appropriate measure for antilock brake and power steering.

PROGRAM SCHEDULE:

Day 1: (13.9.2021) Careers in the automotive field

Day2: (14.9.2021) Manufacturing concepts and industrial engineering

Day 3: (15.9.2021) Starting system diagnosis

Day 4: (16.9.2021) Skills on diagnosis for Charging system

Day 5: (17.9.2021) Aux Emission control devices

Day 6: (18.9.2021) Skills on Clutch Assembly

ABOUT THE PROGRAM

Learn and live

"Anyone who stops learning is old, whether at twenty or eighty. Anyone who keeps learning stays young. The greatest thing in life is to keep your mind young".

The Certificate Program aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of engineering students.



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



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE and Affiliated to Anna University
T.N.PALAYAM,
GOBI (TK),
ERODE (DT), TAMILNADU
PIN: 638 506

CERTIFICATE PROGRAM IN

“ADVANCED AUTOMOTIVE TECHNOLOGY”

13th to 18th Sep 2021

Organized by

Auto Department

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 department of automobile engineering was established in 2013 to train the students in the area of automobile engineering, the automobile is the various cities in the hub of India, with Ford, Hyundai, BMW, Ashok Leyland and others, this course gains significance for those who are passionate about automobiles.

To give students a broad exposure in the design, development and testing of automobiles. Furthermore, the program trains them to meet the technological challenges and diverse needs of the industry and society in various areas of automobile engineering and equips them to excel in a truly competitive industry.

RESOURCE PERSON

Mr. S. GANESH KUMAR

ASSISTANT PROFESSOR/AUTO

JKKMCT

PATRON

Dr. K. Sridharan, MISTE

CONVENOR

Mr. V. MAGESH, M.E.
HOD - AUTO

COURSE-COORDINATORS

1. Mr. V.P. ARUL MURUGAN, M.E.,
AP/ AUTO

2. Mr. P. ESWARAN, M.E.,
AP/ AUTO



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PROGRAM CONTENTS

1. Introduction to Automotive Technology
2. Gear Box Assembly
3. Diagnosis of automatic transmission
4. Brake master cylinder assembly
5. Diagnosis for braking stability

PROGRAM OBJECTIVES

- DESIGN & CONSTRUCTION OF STEEL BUILDINGS has certainly offered a consistent and coordinated model-based approach to construct a building as per the design ideas.
- students can access information from the building design database at any point in time and keep a tab on the documentation process related to the construction of the building structure as per the designs
- One of the key learning outcomes that you after taking the DESIGN & CONSTRUCTION OF STEEL BUILDINGS course is that you learn how to scan the Steel models for any type of collisions or any signs of collisions in the building even before its construction

PROGRAM SCHEDULE:

Day 1: Introduction to Steel members & buildings, Lateral load resisting systems & different material specifications used in Steel buildings

Day 2 : Load layouts & temperature loads

Day 3: Inputs for analysis & design of a structure using software

Day 4: Design of built-up beams, Torsion in beams and service integration

Day 5: Structural modeling analysis & design of elements and connections of an industrial building,

Day 6: Inspection of structural elements, design & detailing practices, design summary of the building.

ABOUT THE COURSE

Learn and live

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Google meet link: <https://meet.google.com/ibv-oygv-beu>

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CERTIFICATE PROGRAM ON

"ETABS SOFTWARE"

01.09.2021 TO 07.08.2021

Organized by

CIVIL Department

ABOUT THE COLLEGE

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Memorandum Of Understanding:

- HCL Technologies
- BSNL for Training and Recruitment.
- HP for Training and Recruitment.

ABOUT THE DEPARTMENT

The J.K.K. Munirajah college of Technology has The Civil Engineering Department was started in 2011 with the primary objective to disseminate the knowledge above latest technologies in Civil Engineering to the students so that they cater the demand of builders/contractors and construction industry in and around the world. The educational objectives are designed to produce competent engineers as to the needs of the country and to contribute effectively to the advancement of civil engineering causes to accommodate the needs of the community. The department has well equipped classrooms & labs. Classes are spacious, well furnished & well ventilated for providing a good environment for students for learning.

RESOURCE PERSON

Mrs. REENA P. ME.,

AP/ CIVIL

PATRON

Dr. K. Sridharan, Ph.D

CONVENOR

Mrs. MOHANAPRIYA V ME.,

HOD - CIVIL

COORDINATOR

Ms. SATHYAPRIYA (ME),

AP/ CIVIL

PRINCIPAL

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OF TECHNOLOGY**

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

- Introduction to Steel members & buildings
- Analysis and design methods & software's used
- Load layouts & temperature loads
- Layout planning & Introduction to vertical load resisting systems
- Load flow, planning & preliminary sizing of lateral load resisting systems
- Inputs for analysis & design of a structure using software
- Design of built-up beams, Torsion in beams and service integration
- Shear, moment & splice connections, design actions on connections
- Introduction to Industrial buildings, structural framing & roofing and cladding Materials.
- Transportation of structural steel, Study of erection drawings, planning & erection of structures

PROGRAM OBJECTIVES

- Use their learned skills, knowledge and abilities to develop web sites for the internet
- Apply basic design principles to present ideas, information, products, and services on websites
- Apply basic programming principles to the construction of websites
- Effectively manage website projects using available resources
- Demonstrate communication skills, service management skills, and presentation skills

PROGRAM SCHEDULE:

Day1:(31-08-2021) Introduction to Full Stack Web Development (HTML, CSS)

Day2:(01-09-2021) Full Stack Web Development - Basic and Advanced HTML

Day 3: (02-09-2021) CASE CADDING STYLE SHEET (CSS)

Day 4: (03-09-2021) JAVA SCRIPT CONCEPTS

Day 5: (06-09-2021) Java query concepts

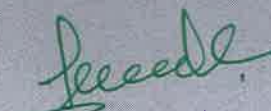
Day 6: (07-09-2021) Bootstrap Basics & Google chrome extension project

ABOUT THE PROGRAM

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CERTIFICATE PROGRAM

IN
"FULL STACK WEB
DEVELOPMENT"

31th Aug to 07th Sep 2021

Organized by

DEPARTMENT OF CSE

ABOUT THE COLLEGE

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ABOUT THE DEPARTMENT

The J.K.K. Munirajah college of Technology has The Computer Science Engineering Department was started in 2008 with the primary objective to disseminate the knowledge about the latest technologies in computer technology to the students, as computer technology has become an integral part of our daily life. It is the most important element in the education of students at the present and the future era. Computer Technology has revolutionized society to a great extent. Technological advancements are so rapid in this field that continual learning is essential to keep the skill set of students up to date. Also, the department strives hard in improving the communication skills, technical and analytical skills of our students through various programs, so that they could compete in the global front. We focus on bridging the gap between campus education and industry needs through internships, guest lectures and workshops.

RESOURCE PERSON

Mrs M.C.SAVITHRI

AP/CSE

JKKMCT

PATRON

Dr.K.SRIDHARAN Ph.D,

CONVENOR

Dr.N.SATHYABALAJI

HOD-CSE

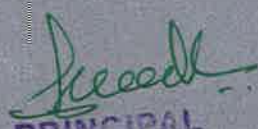
COURSE-COORDINATORS

1.Mr.S.B.MANOOJKUMAAR

AP/CSE

2.Mr.E.ANANTH

AP/CSE


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COURSE CONTENTS

- Full stack development refers to the end-to-end application software development, including the front end and back end.
- The front end consists of the user interface, and the back end takes care of the business logic and application workflows.
- The website UI can be built using various front-end technologies like HTML, CSS, Javascript.
- The back end is written in programming languages like Java or Python.
- The back end also consists of logic that can connect the application to other services and databases. For example, all the user and transaction data is stored in a database through specific drivers handled on the back end.

PROGRAM OBJECTIVES

Data visualization is the practice of translating information into a visual context, such as a map or graph, to make data easier for the human brain to understand and pull insights from. The main goal of data visualization is to make it easier to identify patterns, trends and outliers in large data sets. Tableau helps people and organizations be more data-driven

PROGRAM SCHEDULE

Day 1:(13.9.2021) Introduction to Data Visualization

Day2: (14.9.2021)Common charts

Day 3: (15.9.2021) Interactions

Day 4: (16.9.2021) Transform the data

Day 5: (17.9.2021) Advanced visualizations

Day 6: (20.9.2021) Data Storytelling

ABOUT THE PROGRAM

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CERTIFICATE PROGRAM IN

**“DATA VISUALIZATION
USING TABLEAU”**

13th to 20th Sep 2021

Organized by

Department OF CSE

ABOUT THE COLLEGE

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RESOURCE PERSON

Mr.D.VIVEKSANKAR
ANALYST&DEVELOPER

PATRON

Dr.K.SRIDHARAN Ph.D,

CONVENOR

Dr.N.SATHYABALAJI
HOD -CSE

COURSE-COORDINATORS

1.Mr.S.B.MANOOJKUMAAR
AP/CSE

2.Mrs.M.C.SAVITHRI
AP/CSE

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COURSE CONTENTS

- Data visualization is the graphical representation of information and data.
- By using visual elements like charts, graphs, and maps, data visualization tools provide an accessible way to see and understand trends, outliers, and patterns in data.
- Data visualization tools and technologies are essential to analyze massive amounts of information and make data-driven decisions.
- With the goal of making data more accessible and understandable, data visualization in the form of dashboards is the go-to tool for many businesses to analyze and share information.

PROGRAM OBJECTIVES

- To provide students an understanding of the expectations of the industry.
- To improve employability skills of engineering students.
- To bridge the skill gaps and makes the students.
- To provide an opportunity to students to develop the interdisciplinary skills.

PROGRAM SCHEDULE:

Day 1: Digital logic Fundamentals and Advanced Digital Design.

Day 2 : CMOS Basics and ASIC/FPGA/SOC Design Flow.

Day 3: RTL Design using System Verilog HDL.

Day 4: Design of synchronous machines using System Verilog and RTL Synthesis.

Day 5: Complex Design Considerations, Logic Equivalence Checks and RTL Verification using VERILOG HDL.

Day 6: Developing Test bench components and Hands on project

ABOUT THE COURSE

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CERTIFICATE PROGRAM ON

"RTL DESIGN AND VERIFICATION"

23.08.2021 TO 28.08.2021

Organized by

ECE Department

ABOUT THE COLLEGE

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Memorandum Of Understanding:

- HCL Technologies
- BSNL for Training and Recruitment.
- HP for Training and Recruitment.

ABOUT THE DEPARTMENT

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RESOURCE PERSON

Mrs.R.KOKILA .M.E.,
AP/ECE

PATRON

Dr.K.Sridharan,Ph.D

CONVENOR

Dr.C.Murugesan., Ph.D,
HOD – ECE

COORDINATOR

Mrs.N.Gomathi., M.E.,
AP/ECE

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PROGRAM CONTENTS

- Introduction and Digital logic Fundamentals
- Design of Synchronous Sequential Machines- Synchronous Detectors, Counters and Register
- Design of complex Sequence detectors and Frequency synthesizers
- CMOS Basics, Analyse and implement various functions using CMOS circuits
- ASIC/FPGA/SOC Design Flow
- RTL Design using System Verilog HDL
- Usage of System Verilog Interface in RTL design
- Usage of Generate and Genvar in RTL design for multi-master and multi-slave configuration
- Design of synchronous machines using System Verilog
- Design of memory block using System Verilog
- RTL Synthesis and constraints
- Logic Equivalence Checks
- RTL Verification using VERILOG HDL
- Hands on project

COURSE OBJECTIVES

1. To provide students an understanding of the expectations of the industry.
2. To improve employability skills of engineering students.
3. To bridge the skill gaps and makes the students.
4. To provide an opportunity to students to develop the Interdisciplinary skills.

COURSE SCHEDULE:

Day 1:(16/05/2022) Introduction to Battery energy storage system

Day 2:(17/05/2022) Study of load pattern and load type to be served by BESS

Day 3:(18/05/2022) Battery Sizing and Selection

Day 4:(19/05/2022) Selection & Sizing of PCU and grid ties solar inverter

Day 5:(20/05/2022) Selection & Sizing of PCU and grid ties solar inverter

Day 6:(21/05/2022) Engineering drawings and Layouts

ABOUT THE COURSE

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The add on courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of engineering students.



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CERTIFICATE PROGRAM ON

“BATTERY ENERGY STORAGE SYSTEM”

16.05.2022 TO 21.05.2022

Organized by

EEE Department

ABOUT THE COLLEGE

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Memorandum Of Understanding:

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- HP for Training and Recruitment.

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 Electronics 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 need related to Electrical Engineering activity and to encourage students and faculty to undertake research programme & projects of multi-disciplinary characters.

RESOURCE PERSON

Mr. A. VIGNESH KUMAR

AP/EEE

PATRON

Dr. K. SRIDHARAN .Ph.D

CONVENOR

Dr. C. SARAVANAN *ME Ph D.,*

HOD - EEE

COURSE-COORDINATORS

1. Mr. T. S. THAMBIARAN, *M.E*
AP/EEE

2. Mr. S. M. PRANESH, *M.E*
AP/EEE

Course Contents:

- Introduction of Battery energy storage system.
- Analysis of Electrical system
- Battery sizing and selection
- Selection & sizing of PCU and grid ties solar inverter
- Selection sizing of inverter
- Engineering drawings and layouts

PROGRAM OBJECTIVES

- This course introduces the concepts of the primary differences between an incompressible flow and compressible flow.
- It draws the connection between compressible flow and speed of sound, Mach number and thermodynamics.
- It then builds on the governing equations to derive the commonly known equations and tackles both 2D and 3D problems.
- The physical concept of shocks and the resulting changes in the thermodynamic properties of a fluid form a major part of this course.
- The course concentrates primarily on the understanding of the physical concepts of compressible flow and keeps reference to various numerical methods for solving the governing equations to a minimum

PROGRAM SCHEDULE:

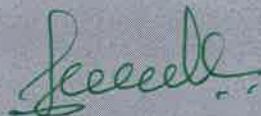
- Day 1:(20.9.2021)Governing equation for a heat conduction viscous compressible fluid
- Day 2: (21.9.2021)Governing equation for a heat conduction viscous compressible fluid
- Day 3: (22.9.2021)Dimensional Analysis
- Day 4: (23.9.2021)Equations of gas dynamics for both general and ideal equation of state
- Day 5: (24.9.2021)General Theorems of Gas Dynamics
- Day 6: (25.9.2021) Properties of High-Temperature Gases

ABOUT THE PROGRAM

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CERTIFICATE PROGRAM IN

“ADVANCED GAS DYNAMICS”

20th to 25th Sep 2021

Organized by

Department of Mechanical Engineering

ABOUT THE COLLEGE

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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 and PG Degrees has been Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

The department of Mechanical Engineering in committed to excellence in academics by providing students ample opportunities for knowledge acquisition and application enabling them to changing global needs.

RESOURCE PERSON

Mr.K.SRIRAM

ASSISTANT PROFESSOR/MECH

JKKMCT

PATRON

Dr.K.SRIDHARAN,PhD.,MISTE

CONVENOR

Mr.M.THIYAGARAJAN, M.E
HOD - MECH

COURSE-COORDINATORS

1. Mr.S.KARTHIKEYAN, M.E.,
AP/MECH

2.Mr.R.RAMESH, M.E.,
AP/MECH

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PROGRAM CONTENTS

1. Governing equation for a heat conduction
viscous compressible fluid
2. Dimensional analysis
3. Equations of gas dynamics for both general and
ideal equation of state
4. General theorems of gas dynamics
5. Properties of high-temperature gases

PROGRAM OBJECTIVES

Django is a high-level Python web framework that enables rapid development of secure and maintainable websites.

Flask is a web framework that offers tools, libraries, and technologies suitable for building a web application. This web application can come in the form of web pages, blogs, or even an extensive web-based calendar app or a commercial site.

PROGRAM SCHEDULE:

Day1:(06.9.2021)Introduction to Python,
Advanced data types in python

Day2:(07.9.2021)Writing Iterative codeand
Algorithms

Day 3: (08.9.2021)Working with APIs

Day 4: (09.9.2021)Introduction to
Developer Tools and sql

Day 5: (11.9.2021)Introduction to Back-end
Web Development using Django

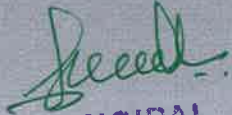
Day 6: (13.9.2021) Advanced Django for Web
and Automation, Introduction And Overview
Flask Syllabus

ABOUT THE PROGRAM

Learn and live

"Anyone who stops learning is old, whether attwenty or eighty. Anyone who keeps learning stays young. The greatest thing in life is to keep your mind young".

The Certificate Program aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of engineering students.


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J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE and Affiliated to Anna University
T.N.PALAYAM,
GOBI (TK),
ERODE (DT), TAMILNADU
PIN: 638 506

CERTIFICATE PROGRAM IN “BUILDING PYTHON WEB DEVELOPMENT APPS WITH DJANGO AND FLASK”

06th to 13th Sep 2021

Organized by

DEPARTMENT OF IT

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 broad 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 The Information Technology Department was started in 2008 with the primary objective to disseminate the knowledge about latest technologies in computer technology to the students , Computer technology has become an integral part of our daily life. It is the most important element in the education of students at the present and the future era. Computer Technology has revolutionized society to a great extent. Technological advancements are so rapid in this field that continual learning is essential to keep the skill set of students up to date. Also, the department strives hard in improving the communication skills, technical and analytical skills of our students through various programs, so that they could compete in the global front. We focus on bridging the gap between campus education and industry needs through internships, guest lectures and workshops.

RESOURCE PERSON

Ms.K.SUGANYA SRI
SENIOR ANALYST

PATRON

Dr.K.SRIDHARAN Ph.D,

CONVENOR

Dr.N.SATHYABALAJI

HOD-IT

COURSE-COORDINATORS

1. Mrs.D.NIVETHINI

AP/IT

2. Mrs.S.PRIYA

AP/IT

PRINCIPAL

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COURSE CONTENTS

- Django and Flask are two of the most popular web framework for Python.
- Flask showed up as an alternative to Django, as designers needed to have more flexibility that would permit them to decide how they want to implement things, while on the other hand Django does not permits alteration of their modules to such degree.
- Django is a full-stack web framework, which is used for large and complex web application whereas Flask is a lightweight and extensible web framework.
- Flask is truly so straightforward and direct that working in it permits an experienced Python designer making venture inside truly tight timeframes.

PROGRAM OBJECTIVES

- Understand what is Digital Marketing
- Discuss the difference between Traditional Marketing and Digital Marketing
- Describe different types of Digital marketing
- Appreciate the growing importance of Digital Marketing
- Recognize the importance of Digital Marketing for business success
- Identify the future trends in Digital Marketing
- Put together a Digital Marketing plan successfully

PROGRAM SCHEDULE:

- Day 1: Introduction to digital marketing and Basic concepts of marketing and digital marketing
- Day 2 : Roles of digital marketing and Digital marketing curriculum
- Day 3: Marketing principles and Understanding business demand ,Consumer Behavior
- Day 4: Influences on Consumer Behavior and Product Mix Decision
- Day 5: Branding Decisions and Data Science in Marketing
- Day 6 :Brand Positioning and Introduction to supervised and Unsupervised Learning

ABOUT THE COURSE

Learn and live

“What separates good content from great content is a willingness to take risks and push the envelope.”

The certificate program on aim to provide the students with the essential philosophies and practices of marketing and digital marketing technologies.



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Accredited by NAAC with “A” grade

T.N.PALAYAM,
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ERODE (DT), TAMILNADU
PIN: 638 506

CERTIFICATE PROGRAM ON

“DIGITAL MARKETING”

22.11.2021 TO 27.11.2021

Organized by

**DEPARTMENT OF MANAGEMENT
STUDIES**

ABOUT THE COLLEGE

J.K.K. Munirajah college of Technology was established in the year 2008 Governed by the late Sri 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, and a 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 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 department is an open access, student-focused learning/training division with the capability of enabling students to integrate and apply knowledge in the core disciplines of management with strong, analytical and team building skills to challenge the diverse global environment. To be recognized as a leading institution for management education and innovative research nationally and internationally. To be a dynamic change agent, it seeks to instill expertise in leadership and management among the students and impart radical ideas and reengineered knowledge for a sustainable and technology driven economy.

RESOURCE PERSON

Mr.G.Alagar, MBA,
AP/MBA

PATRON

Dr.K.Sridharan, Ph.D

CONVENOR

Mr.E.R.Vadivel MBA,
HOD – MBA

COORDINATOR

Mr.G.Alagar,
AP/MBA



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GOBI (TK), ERODE (DI).

PROGRAM CONTENTS

- Introduction to digital marketing
- Basic concepts of marketing and digital marketing
- Roles of digital marketing
- Digital marketing curriculum and Marketing analytics
- Marketing principles
- Understanding business demand
- Understanding Consumer Behavior Influences on Consumer Behavior
- Introduction to Supervised and Unsupervised Learning
- Data Science in Marketing
- Brand Positioning and Branding Decisions

PROGRAM OBJECTIVES

1. To provide students an understanding of the expectations of the industry.
2. To improve employability skills of engineering students.
3. To bridge the skill gaps and makes the students.
4. To provide an opportunity to students to develop the Interdisciplinary skills.

PROGRAM SCHEDULE:

Day 1: Getting started with Tensorflow

Day 2: Overview of Machine Learning

Day 3: Data Input and Preprocessing with
Tensorflow and Machine Learning Model
Building

Day 4: Prediction with Tensorflow

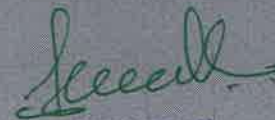
Day 5: Advance Tensorflow and Distributed
training with hardware accelerators

ABOUT THE PROGRAM

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Dr.K. SRIDHARAN
Principal

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
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TAMILNADU, PIN : 638 506.



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ERODE (DT), TAMILNADU
PIN: 638 506

CERTIFICATE PROGRAM IN

**“Practical Machine Learning with
Tensorflow”**

03rd to 07th Jan 2021

Organized by

MCA Department

ABOUT THE COLLEGE

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Memorandum Of Understanding:

- HCL Technologies
- BSNL for Training and Recruitment.
- HP for Training and Recruitment.

ABOUT THE DEPARTMENT

The J.K.K. Munirajah college of Technology has the Master of Computer Applications Department was started in 2011 with the primary objective to disseminate the knowledge about latest technologies in Software to the students so that they cater the demand of Technological needs in and around the world. The educational objectives are designed to produce competent engineers as to the needs of the country and to contribute effectively to the advancement of Master of Computer Applications causes to accommodate the needs of the community. The department has well equipped classrooms & labs. Classes are spacious, well furnished & well ventilated for providing a good environment for students for learning.

RESOURCE PERSON

Mrs.A.KANIMOZHI
AP/MCA

PATRON


Dr.K.Sridharan,Ph.D

CONVENOR

Mr.M.SENTHILKUMAR
HOD-MCA

COORDINATOR

Mrs.A.KANIMOZHI
AP/MCA


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PROGRAM CONTENTS

- Getting started with Tensorflow
- Linear Regression in Tensorflow
- Overview of Machine Learning
- Demonstration of ML concepts with Deep Playground
- The Feature Engineering Component of TensorFlow Extended (TFX)
- Basics of Machine Learning with Tensorflow Monitoring models using Tensorboard
- Evaluating models using Tensorboard
- Advance Tensorflow and Distributed training with hardware accelerators
- Building custom models – CNNs
- Scaling up for large datasets