Registration :

Registration Fee : FREE

Important Dates (Phase - II) :

Last Date for Registration : 03-04-2021

Intimation of Selection : 04-04-2021

How to Apply :

The applicant can register by submitting the below Google form. Selection will be on first come first serve basis. Certificates to be issued to only those participants who have minimum 80% attendance and 60% pass marks in overall assessment test.

Registration Link :

https://forms.gle/hXCMT1Jt4HyAmFJJ8

The mode of FDP is through ONLINE Platform (Google MEET)

Organizing Committee :

Dr. G. Hemalatha, Professor & HOD, ECE
Dr. K. Amaresh, Professor & HOD, EEE
Sri. R.V. Sri Hari, Assoc. Professor
Dr. D. Arun Kumar, Assoc. Professor
Dr. S. Zahiruddin, Assistant Professor
Sri. A. Valli Basha, Assistant Professor
Sri. Md. Mahaboob Pasha, Assistant Professor
Sri. K. Pavan Kumar, Assistant Professor
Sri. G. Suneel Kumar, Assistant Professor
Sri. M. Ramamurthy Naik, Assistant Professor
Smt. S. Sharmila Banu, Assistant Professor
Sri. M. Prabhakar, Assistant Professor
Sri.Y.Venkateswara Raju, Assistant Professor
Sri. N. Radha Krishna, Assistant Professor
Miss. S. Jabeen, Assistant Professor
Smt. K. Divya Lakshmi, Assistant Professor
Sri.P. Krishnateja Yadav, Assistant Professor
Sri S. Munawar Ali, Assistant Professor
Smt P. Lavanya, Assistant Professor
Sri. K. Jagan Mohan, Assistant Professor
Sri. P. Swetha, Assistant Professor
Sri. P. Subba Rayudu, Assistant Professor
Dr. P. Giri Prasad, Assistant Professor
Sri. G. A. Sanjiva Reddy, Assistant Professor
Sri. P. Lokeswara Reddy, Assistant Professor
Sri. K. Anudeep, Assistant Professor

Chief Patrons :

Sri K. Raja Mohan Reddy

Chairman

Smt. K. Rajeswari

Correspondent, Secretary and Treasurer

Sri K. Madan Mohan Reddy

Vice Chairman

Sri K. Chandra Obul Reddy

Member

Patrons :

Prof. A. Mohan, Director

Chairman :

Prof. V.S.S. Murthy, Principal

Coordinator :

Dr. M. Venkatanarayana

Professor, ECE & CRI Dean

Co-Coordinators :

Dr. S.L. Prathapa Reddy

Assoc. Professor, ECE

Dr. M. Murali

Assoc. Professor, EEE

AICTE - ISTE Induction / Refresher Program
Sponsored
One Week FDP Phase - II
On

Machine Learning for all

5th to 10th April, 2021

Organized by

Department of ECE & CRI

K.S.R.M. COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUA, Ananthapuramu
Approved by AICTE, New Delhi
Accredited by NAAC of ugc
An ISO 9001 : 2015 Certified Institution
Kadapa - 516 003. Y.S.R. Kadapa Dist. A.P.
Website : www.ksrmce.ac.in

About the Institute

Kandula Srinivasa Reddy Memorial College (KSRM) of Engineering was established in the year of 1980, in the memory of late Sri. Kandula Srinivasa Reddy, son of late Sri. Kandula Obul Reddy, former Member of Parliament. The institute is Autonomous and approved by AICTE, Accredited by NAAC, An ISO 9001:2015 Certified Institution and Affiliated to Jawaharlal Nehru Technological University, Anantapuramu.

The Mission and purpose in establishing KSRM College of Engineering is to impart quality of Education in Engineering at Under Graduation and Post Graduation levels aiming to achieve the status of the best Engineering College and thereby fulfill the dreams of the founder chairman and the aspirations of students community in the region to become world class professional and technocrats.

The Institute offers B. Tech Courses in CE, EEE, ME, ECE & CSE. The institute also offers Post Graduate courses namely M.Tech in Power Systems, Geotechnical Engineering, Computer Science Engineering, CAD/ CAM and DECS. The institute has spacious campus spread over 35 acres with accommodation of over 39000 sqm. built - up area and surrounded by plenty of greenery.

About the Department

ECE Department was started in the year 1980 with an intake of 15. Since then the intake was gradually increased from 30 to 60 in the year 1990 then to 90 in the year 2001, to 120 in the year 2007, to 180 in the year 2012 and then to 240 since from 2014. PG course with the specialization DECS was introduced in the year 2011 with an intake of 18 which was later increased to 36 in the year 2014.

The department has highly qualified and experienced faculty. There are Five Doctorates in the department. The department has good infrastructural facilitates and is equipped with full-fledged laboratories. The department also has audio-visual facilities with four Digital Graphics Drawing Tablets for effective teaching. The staff members are deputed to participate in workshops, conferences, and refresher courses to keep in pace with recent developments in the field of Electronics & Communication Engineering.

The Department is Accredited by AICTE-NBA twice. As part of the curriculum, Industrial visits are arranged for students of B. Tech (ECE) in III/IV year II Semesters. Students of our department actively participate in National-level Student Paper Presentation Contests being organized at various engineering colleges and universities. A few of them have been awarded in these paper presentation contests. Departmental Library caters to the needs of the students & staff. The faculties of our department who are members of ISTE actively participate in the various activities of ISTE

About the CRI

Center for Research and Innovation (CRI) is established in the year 2016 to carry Research and Innovation activities in KSRM College of Engineering. It acts as a catalyst in imbibing cutting edge research ideas and methods among the faculty and students in the institution. The objective of CRI is to promote research activities such as research projects, consultancy and training in advanced technologies.

Objective of the FDP

The proposed one week FDP is sponsored by AICTE-ISTE, New Delhi, aims at imparting awareness and training on "MACHINE LEARNING FOR ALL " helps in updating the academic and research knowledge of the participants from Engineering colleges and Research organizations. The main focus will be on machine learning fundamentals and its applications. Participants of the program will have an opportunity to interact with the eminent peoples elected as our resource persons from various IIT's,NIT's and Universities, industries and Research & Development organizations.

Resource Persons

Dr. Mukesh A. Zaveri, Professor Dept. of CSE, NIT Surat

Mr. Bharani Kumar Depuru, Senior expert in AI/ML/DL, Big Data Analytics, etc from 360DigiTMG

Shaik Nagoor Shareef, Associate Data Scientist, TCS, Hyderabad

Dr. Ramalingaswamy Cheruku, Assistant Professor, Department of CSE, NIT Warangal

Dr. Nagesh Bhattu Sristy, Assistant Professor, Dept of CSE, NIT, AP

Sri M. Vijay Bhaskar, Senior Data Scientist Edgeverve Systems Bangalore

Prof. A. Mohan, Director, KSRMCE

Dr. M. Venkatanarayana, Professor ECE & Dean, CRI

Dr. D. Arun Kumar, Associate Professor ECE & CRI

Dr A. Hariharanath Reddy, Department of MBA, KLMCEW, Kadapa

Dr. T. Mari Prasath, Associate Professor, EEE & CRI

Dr. M. Mani Kandan, Associate Professor ECE, Anna University, Chennai

Dr. P.S. Pandian, Senior Sciencist, DRDO, Bangalore

Content of FDP

Introduction to Machine Learning

Basic Machine Learning Algorithms- Linear and Logistic Regression

Basic Machine Learning Algorithms-Classification

Evolution of Artificial Neural Networks;

Ensemble learning and its application in Diabetes Disease classification

Introduction to Recurrent Neural Networks

Machine Learning for real-time face recognitions

Machine learning for Power systems

Anomaly detection with ML

Machine Learning for Biomedical applications

Machine Learning for Morphological filters

Attention models for vision and language

Introduction to Natural Language Processing

Deep Learning for text analysis

For further details please contact:

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