MALLAREDDY COLLEGE OF ENGINEERING & TECHNOLOGY
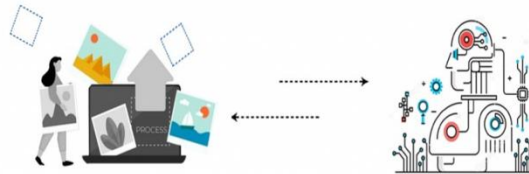
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Maisammaguda,Dhulapally,Secunderabad–500100.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY DEVELOPMENT PROGRAMME
On
MACHINE LEARNING IN IMAGE PROCESSING

AUGUST 13th -14th 2021

REGISTRATION FORM

TWO DAY FACULTY DEVELOPMENT PROGRAMME
ON
MACHINE LEARNING IN IMAGE PROCESSING

August 13- 14,2021

Name: ……………………………………………………………

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Designation: ……………………………………………………….

Branch: ……………………………………………………………

Institution: ……………………………………………………….

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Mobile: ……………………………………………………………….

E mail: …………………………………………………………….

Date: Signature

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Sri Ch Mall Reddy, Chairman, MRGI

PATRONS
Sri Ch Mahender Reddy
Sri Ch Bhadra Reddy

CONVENER
Dr.VSK Reddy, Director, MRCET

CO-CONVENER
Dr S.Srinivasa Rao, Principal, MRCET

PROGRAM CHAIR
Prof P Sanjeeva Reddy, Director, ECE

ORGANIZING SECRETARY:
Dr Mallikarjuna Lingam, HOD, ECE

COORDINATORS
Dr B Jyothi, Professor, ECE
Dr M Sucharitha, Professor, ECE

ORGANIZING COMMITTEE
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Mr M Arun Kumar,
Assoc.Professor,ECE
Ms. D.Asha , Assoc .
 Professor , ECE
and other Faculty members of ECE

TWO DAY FACULTY DEVELOPMENT PROGRAMME ON

MACHINE LEARNING IN IMAGE PROCESSING

August 13-14, 2021

Organized By

Department of Electronics & Communication Engineering

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
Autonomous Institution-UGC, Govt.of India
Maisammaguda, Dhulapally, Secunderabad-500100
www.mrcet.com

MRGI at a Glance:

Situated away from raucous sounds of Hyderabad city, MRGI epitomizes technocracy at its best. Being one of the largest campuses in Telangana, MRGI promises eventful student-oriented learning. The founder chairman Sri.Ch. Malla Reddy garu began the journey as an educationalist to form the bridge between society, industry and academics. He is an un assuming dynamic leader with a keen interest in changing trends of higher education and student's employability in India. The diverse and enormous growth of the group unravels his realistic vision to cater to the needs of students in all areas of education. Education at MRGI brings all round and holistic development in students.

About MRCET:

An UGC-Autonomous Institution, accredited by NBA, AICTE, New Delhi and NAAC accredited with A grade. Ranked 7th among Top Engineering Colleges of Excellence in Telengana by Competition Success Review (CSR) Ranked AAA among top Engineering Colleges in India by Careers360 (Outlook Group-2017). Recognized as a Nodal Centre for conducting FDP Program by IIT – Bombay & IIT-Kharagpur. The College offers Engineering courses (B.Tech.) in ECE, EEE, CSE, ANE, MECH and IT disciplines and Post Graduate (M.Tech.) courses in VLSI & ES, SSP, CSE, Thermal Engineering, Machine Drawing and Aero Space Engineering specializations in addition to MBA programmes. The Institution has been recognized by SIRO, DSIR, Govt. of India for its R&D activities. The Institution has been sanctioned Business Incubation Centre by MSME, Govt. of India. The College campus with its arboriculture and horticulture is situated away from the hustle and bustle of the city provides a serene and tranquil atmosphere, which is conducive to both teaching and learning processes

Department Of ECE-MRCET:

The Department established in the year 2004, is very strong with experienced and qualified teaching faculty having Eight Doctorates who are expertized in various ECE domains. Department has good infrastructure, A/C Seminar Halls and state-of-art laboratories. Department is actively involved in various R&D activities sponsored by UGC, MSME, AICTE, DST etc. The department has IEEE Student chapter and IETE Student Chapter under which various technical events will be organized periodically. The department has been accredited by NBA, AICTE, New Delhi. Recognized as R & D Centre by JNTUH, Hyderabad for Full time Ph.D Research Scholars admissions.

Agenda:

This FDP devoted to addressing the need to enhance the knowledge about the latest technologies pertaining to Machine Learning and its applications in Image Processing.

Highlights:

• Introduces the participants to the world of Machine Learning and its applications in Digital Image processing and give an insight on how and where it can be used.
• Focuses on exploring various research opportunities and challenges in the field of Image Processing

SCHEDULE

Day 1:
Session 1:
Inauguration and Keynote address
Session 2:
Introduction to Machine Learning
Lunch Break
Session 3:
Introduction to Image Processing
Tea Break
Session 4:
Machine Learning in Medical Imaging

Day 2:
Session 5:
Supervised Machine Learning Applications
Tea Break
Session 6:
Reinforcement Learning applications in Image Processing .
Lunch Break
Session 7:
Unsupervised Machine Learning Applications
Tea Break
Session 8:
Valedictory.

Resource Persons:
Dr VSK Reddy, Director, MRCET
Dr S Srinivasa Rao, Principal, MRCET
Dr B Jyothi, Professor, ECE, MRCET
Dr P Lakshmi Devi, Professor ECE, St.Peters
Dr V M Senthil Kumar, Professor ECE, MRCET

Note:
Morning session is from 9:30am to 1pm with a tea break of 15 minutes from 11am to 11.15 am
Afternoon session is from 1:30 pm to 4.00 pm with a tea break of 15 minutes from 2:45 to 3:00pm

Registration:
Registration for Participation by sending the filled in Registration form as given in this brochure on or before 10/08/2021. Registration Fee of Rs 200/- includes Lunch and workshop material. Limited registrations only.

Venue: Einstein Hall, Department of ECE
Contact:Dr.B.Jyothi, Professor,ECE
+91 9440330397
Email: mrcetece@gmail.com

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY DEVELOPMENT PROGRAMME
on
MACHINE LEARNING IN IMAGE PROCESSING
AUGUST 13th -14th , 2021

The Department of ECE, has organized a Faculty Development Programme on **"Machine Learning in Image Processing"** on August 13th & 14th 2021 for Faculty Members & Research Scholars.

1. Objective:

This Faculty Development Programme is devoted to addressing the need to enhance the knowledge about the latest technologies pertaining to Machine Learning and its applications in Image Processing. Image processing is a growing research field where many revolutionary ideas and efficient algorithms have been developed over the past few decades.

Highlights

- Introduces the participants to the world of Machine Learning and its applications in Digital Image processing and give an insight on how and where it can be used
- Focuses on exploring various research opportunities and challenges in the field of Image Processing

Topics Covered

- Introduction to Machine Learning
- Introduction to Image Processing
- Machine Learning in Medical Imaging
- Supervised Machine Learning Applications
- Reinforcement Learning applications in Image Processing
- Unsupervised Machine Learning Applications

Schedule:

Day 1:

Session 1:

Inauguration and Keynote address

Session 2:

Introduction to Machine Learning

Lunch Break

Session 3:

Introduction to Image Processing

Tea Break

Session 4:

Machine Learning in Medical Imaging

Day 2:

Session 5:

Supervised Machine Learning Applications

Tea Break

Session 6:

Reinforcement Learning applications in Image Processing .

Lunch Break

Session 7:

Unsupervised Machine Learning Applications

Tea Break

Session 8:

Valedictory

Note:

Morning session is from 9:30am to 1pm with a tea break of 15 minutes from 11am to 11.15 am
Afternoon session is from 1:30 pm to 4.00 pm with a tea break of 15 minutes from 2:45 to 3:00pm

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FACULTY DEVELOPMENT PROGRAMME
on
MACHINE LEARNING IN IMAGE PROCESSING
AUGUST 13th -14th, 2021

PHOTO GALLERY

LIST OF PARTICIPANTS OF FDP ON MACHINE LEARNING IN IMAGE PROCESSING

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