



## REGISTRATION FORM

A Three Day  
Faculty Development Programme  
On

## ESSENTIALS OF AI (HANDS-ON)

In Association with  
Soft Computing Research Society  
held from

14<sup>th</sup> Sep 2023 to 16<sup>th</sup> Sept 2023

Name: .....

Designation: .....

Dept: .....

Institution: .....

Phone/ mobile: .....

Email: .....

Date Signature HOD/Principal

### Registration Fee:

For **Non SCRS** Members:

₹300/-

For **SCRS** Members:

₹240/-

\*Daily Lunch provided.

\*No accommodation.



Link to upload details and  
transaction receipt -

<https://forms.gle/5cGqn25JmJm9FCcJA>

\*To join SCRS visit [www.scrs.in](http://www.scrs.in)



### CHIEF PATRONS

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Hyderabad.

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Soft Computing Research Society,  
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### CONVENER

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### CO-ORDINATORS

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\*For any query call Coordinators



## A Three Day Faculty Development Programme On ESSENTIALS OF AI (HANDS-ON)

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During 14<sup>th</sup> Sep 2023 to 16<sup>th</sup> Sept 2023

Organized By

DEPARTMENT OF  
INFORMATION TECHNOLOGY



Matrusri Engineering College  
(An Autonomous Institute)

(Approved by AICTE, Affiliated to Osmania University)  
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Email: [hodit@matrusri.edu.in](mailto:hodit@matrusri.edu.in) [www.matrusri.edu.in](http://www.matrusri.edu.in)



## ABOUT MECS:

Matrusri Engineering College, Saidabad, Hyderabad, Telangana, an autonomous institution was established by Matrusri Education Society in 2011 aiming at becoming a pioneer in Technical Education in the private sector.

The Matrusri Engineering College offers BE courses in Civil Engineering, Computer Science and Engineering, Computer Engineering, CSE-Data Science, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Technology and Mechanical Engineering with an approved intake of 780 students per year. The instructional facilities are spacious, and the laboratories are continuously upgrading with state of the art-equipment. There are over 200 qualified and dedicated faculty members and supporting members.

The UG programs (Civil, CSE, ECE, EEE, Mech) in engineering have been accredited by NBA. It is NAAC accredited with A+ grade. It is an ISO 9001:2015 certified Institution. Various top MNC's like Cognizant, Infosys, TCS, Wipro, Capgemini, Deloitte, etc., offers placements to the students. College has well equipped digital classrooms and seminar halls to organize MOOCS courses and workshops. On campus Wi-Fi facility is available for the benefit of students and staff. Various in-house software applications are built for the smooth administration and for the benefit of stakeholders.

As a part of extra cultural activities, the institute is organizing cultural fest, Annual day celebrations, Women's Day celebrations. There are various student clubs like Music Club, Matrusri Campus Connect, techno hub for showing their talent and innovative ideas implementation.

## ABOUT THE DEPARTMENT OF IT:

The Department of Information Technology was established in the year 2019 with an intake of 60 (increased to 120 from AY 2023-2024) in Bachelor of Engineering Programme. The Department is Headed by Dr. G. Shyama Chandra Prasad, having teaching experience of 20 years. The department is having well qualified, experienced, and dedicated faculty. The faculty members are acting as research supervisors for various universities. The faculty members are encouraged to participate in Faculty Development Programmes, Conferences, Workshops, Publication of Research Papers, and active involvement in R & D activity.

The Department has dedicated laboratories with latest hardware and software and has sufficient well qualified and experienced technical and supporting staff. The labs were complemented by the latest software's like Microsoft Products, Rational Enterprise Suite (RES), Rational Software Architect (RSA), Linux, WEKA Data Mining Tool, KEIL Embedded System Software, C/C++/Java IDE, etc.

The department is conducting various training programs and certification courses for the students and faculty in association with CISCO, ORACLE Academy. The department has separate lab for innovative projects development with 40 Mbps Internet access. Student chapters of SCRS and IEI are established in the department.

## ABOUT SCRS

To promote research in soft computing and allied areas, Soft Computing Research Society (SCRS) is established in 2013 with its headquarters in Delhi, India. Soft Computing Research Society is a non-profit, scientific swarm of the institutions / labs / researchers / scientists / academicians /

research scholars / students / industry R & D persons interested in soft computing.

## ABOUT THE FDP:

The FDP aims to enhance the faculty's skills and understanding in the field of AI and Machine Learning (ML) equipping them to impart knowledge to their students effectively. Topics Covered in the FDP:

- **Introduction to Machine Learning & Deep Learning.**
- **Hands-on- Classification Algorithms.**
- **Hands-on-Clustering Algorithms.**
- **Hands-on-Ensemble Algorithms.**
- **Introduction to Convolution Neural Networks (CNN).**
- **Hands-on- CNN.**
- **Introduction to Optimization.**
- **Introduction to Recurrent Neural Networks (RNN).**
- **Applications of Gated Recurrent Units- RNN.**

## ABOUT RESOURCE PERSON:

Prof. C. Ramalingaswamy, is working in the CSE Department, NIT Warangal. He has completed his PhD (CSE) from NIT, Goa and M.Tech (Advanced Networks) from IIIT Gwalior and B.Tech (CSE) from JNTUK. He has a total of 22 SCI journal publications and 8 non-SCI publications. He has 20 Conference publications. He has published 1 book and 3 book chapters. He has two patents (1 granted and 1 published). Currently he is guiding 3 PhD Scholars.

## Venue:

**IT: Computer Lab - 1 (N303- New Block)  
Department of Information Technology,  
Matrusri Engineering College.**