

ABOUT THE INSTITUTE

Rishi MS Institute of Engineering and Technology for Women (RITW) stands as a beacon of excellence in women's education in the fields of engineering and technology. Established in 2009, RITW is a premier institution located in lush green campus of 5.2 acres, opposite to JNTU in Hyderabad. The college is an integral part of Rishi Educational Society, is dedicated to creating an environment where women are encouraged to excel, innovate, and lead in the world of technology.

VISION OF THE INSTITUTE

To be a center of excellence in producing women engineers and scientists who are professionally competent social leaders to face multi disciplinary global environment by imparting quality technical education, values, and ethics through innovation methods of teaching and learning.

MISSION OF THE INSTITUTE

- To promote women technocrats capable enough to resolve the problems faced by the society using the knowledge imparted.
- To prepare self-reliant women engineers for technological growth of the nation and society by laying strong theoretical foundation accompanied by wide practical training.
- To equip the young women with creative thinking capabilities and empowering them towards innovation.

RESOURCE PERSONS

- Prof. Mamilla Ravi Sankar, IIT-Tirupati.
- Prof. Dharmendra Singh, IIT-Roorkee, Roorkee.
- Prof. W. B. Gurnule,
RTM Nagpur University-Nagpur.
- Prof. K. Phaneendra,
Osmania University - Hyderabad.
- Dr. Reddi Kamesh, Scientist-E, IICT-Hyderabad.
- Mr. K. V. Rajasekhar Reddy,
HSE Manager, CPECC-Abu Dhabi, UAE.

CHIEF PATRON

- Ms. Rajasree,
Founder Secretary, Rishi Group of Institutions

PATRON

- Mrs. J. Madhavi Latha, Academic Director, RITW.

CO-PATRON

- Dr. Sk. Altaf Hussain Basha, Principal – RITW.

CONVENOR

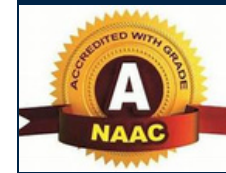
- Dr. G. Srinivas Kumar Asst. Prof. H&S

CO-CONVENOR

- Dr. Anuradha Gupta, HoD - H&S.
- Dr. Biragoni Radhika, Asst. Prof. H&S
- Dr. Shradda Pandey Asst. Prof. H&S

ORGANIZERS

- Dr. Y.V. V. Satyavathi, Asst. Prof. H&S
- Dr. Asma fathima, Asst. Prof. H&S
- Ms. G. Anisha, Asst. Prof. H&S
- Mr. K. Siva Kumar Raja, Asst. Prof. H&S
- Ms. V. Seeta, Asst. Prof. H&S
- Ms. D. Naga Suhasini, Asst. Prof. H&S
- Ms. K.V. L R. Rupa Anusha, Asst. Prof. H&S



One - week online FDP on

“AI-based Modelling, Simulation, and Optimization in Engineering and Scientific Advancement”

8th June 2026 to 13th June 2026

Organised by

Department of Humanities & Sciences

Rishi M.S. Institute of Engineering and Technology for Women

(In memory of “BHARAT RATNA” (Late) Smt. M. S. Subbulakshmi)

(UGC Autonomous)

Approved by AICTE, New Delhi and Affiliated to JNTUH



Near JNTU Metro Station, Kukatpally,
Hyderabad, Telangana - 500085

VISION OF DEPARTMENT OF H&S

- To build a strong foundation for engineering students by offering a comprehensive academic platform in Humanities and Sciences, fostering engineering technical skills, critical thinking, ethical values, and a global outlook to shape well-rounded professionals.

MISSION OF DEPARTMENT OF H&S

- To provide a solid grounding in the fundamental principles of Humanities and Sciences, empowering students to develop problem-solving skills and analytical thinking essential for success in engineering.
- To nurture leadership qualities, communication skills, and ethical values that contribute to the holistic development of students, enabling them to become responsible and effective global leaders.

TARGETED PARTICIPANTS

- Faculty members, research scholars, Industrial Professionals, and the staff of host institutions are eligible to attend the program.

HOW TO APPLY ?

- Eligible participant has to register through below google form link.
- <https://forms.gle/M9AyDDK5hf7Bo1BF6>

SELECTION & CERIFICATE CRITERION

- Selection shall be made on a first-come, first serve basis. The confirmed candidate will be notified on or before 06th June 2026. Certificates shall be issued upon achieving at least 75% in attendance.

OBJECTIVES OF THE PROGRAM

1. To disseminate the scientific, theoretical and applied research in the field of industry.
2. To create awareness about industry among the academia and to build the next generation academic institutions teaching and learning practices.
3. To enhance research and problem-solving skills for developing efficient and innovative engineering solutions.

In collaboration with

- Niraja Research and Technologies Pvt. Ltd., Hyderabad.

Contact Details

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ABOUT FDP



The Faculty Development Program (FDP) on “AI-Based Modeling, Simulation and Optimization in Engineering and Scientific Advancement” explains how Artificial Intelligence (AI) can be used in engineering and scientific research. The program focuses on three main areas: modeling, simulation, and optimization.

Modeling means creating computer-based designs of real systems such as machines, buildings, or electrical circuits. Simulation means testing these models virtually using software instead of real experiments. Optimization means improving system performance by saving time, cost, or energy.

The FDP introduces AI techniques like Machine Learning and Neural Networks and shows their applications in different engineering fields. Participants also learn software tools.

This program is helpful for teachers, researchers, students, and engineers. It improves technical knowledge, research skills, and understanding of modern technologies like smart manufacturing and Industry 4.0. Overall, the FDP helps participants learn how AI can create smarter and more efficient engineering solutions.