



# ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY  
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)  
Rajampet, Annamayya District, A.P – 516126, INDIA

## Faculty Profile

### Basic Information:

NAME : T. Mani Mohan  
DESIGNATION : Assistant Professor  
DEPARTMENT : Mechanical Engineering  
DATE OF BIRTH : 12-07-1993  
DATE OF JOINING : 12-01-2021  
EMAIL ID : [aits.med.tmm@gmail.com](mailto:aits.med.tmm@gmail.com)  
EMPLOYEE ID : AITS031041



### Academic Profile:

| Qualification | Name of the Board/University    | YEAR |
|---------------|---------------------------------|------|
| M. Tech       | JNTUA, Anantapuramu             | 2018 |
| B. Tech       | JNTUA, Anantapuramu             | 2014 |
| Intermediate  | Board of Intermediate Education | 2010 |

### Research Details:

|                                        |                        |                                                                                                                                                                                                                         |
|----------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Areas of Specialization             | :                      | Heat transfer, Non-Conventional sources of Energy, power plant Engineering                                                                                                                                              |
| 2. No. of Publications                 | :                      | 05                                                                                                                                                                                                                      |
| 3. Awards Received                     | :                      | --                                                                                                                                                                                                                      |
| 4. Research Guidance                   |                        |                                                                                                                                                                                                                         |
|                                        | No. of PhD Guided:     | --                                                                                                                                                                                                                      |
|                                        | No. of M.Tech. Guided: | --                                                                                                                                                                                                                      |
|                                        | No. of B.Tech. Guided: | 04                                                                                                                                                                                                                      |
| 5. Details of Professional Membership: |                        | IAENG, ISDS, SAISE.                                                                                                                                                                                                     |
| 6. Subjects Taught                     | :                      | Engineering Drawing, Power plant Engineering, Non-Conventional sources of Energy, Management Science, Basic mechanical engineering, Engineering mechanics, material science, metrology and measurements, Heat transfer. |



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## Publication Details:

| Title                                                                                                      | Publisher                                                                                                       | Published Year |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------|
| 1. Wastewater Purification by using Solar Energy.                                                          | International Journal for Research in Applied Science and Engineering Technology                                | 2018           |
| 2. Fabrication of solar inverters for household applications                                               | International journal of food and nutritional sciences,                                                         | 2022           |
| 3. Effect of Nano fluid towards improvement of heat exchanger performance                                  | International journal of food and nutritional sciences,                                                         | 2022           |
| 4. Hydraulic Pump Controller Through IoT By Sensing Moisture Content In Soil                               | ShodhKosh: Journal of Visual and Performing Arts                                                                | 2024           |
| 5. Machine Learning for Predicting Energy Consumption in Smart Buildings using Artificial Adaptive Systems | Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI-2025) | 2025           |

## Patent Details:

| Title of Patent | Submitted/Published/Awarded |
|-----------------|-----------------------------|
| --              | --                          |