## Faculty Profile

- **Basic Information:**

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|---|---|---|
| NAME | : | **N NAGARAJU** |
| DESIGNATION | : | **ASSISTANT PROFESSOR** |
| DEPARTMENT | : | **MECHANICAL ENGINEERING** |
| DATE OF BIRTH | : | **09-05-1991** |
| DATE OF JOINING | : | **18-09-2014** |
| EMAIL ID | : | **Aits.med.nr@gmail.com** |
| EMPLOYEE ID | : | **1017** |

- **Academic Profile:**

| Qualification | Name of the Board/University | YEAR |
|---|---|---|
| M.Tech. | AITS, RAJAMPETA/JNTUA | 2014 |
| B.Tech. | AITS, RAJAMPETA/JNTUA | 2012 |

- **Research Details:**

| | | |
|---|---|---|
| 1. Areas of Specialization | : | CAD/CAM |
| 2. No. of Publications | : | 04 |
| 3. Awards Received | : | - |
| 4. Research Guidance | | |
| | No. of PhD Guided: | 00 |
| | No. of M.Tech. Guided: | 00 |
| | No. of B.Tech. Guided: | 11 |
| 5. Details of Professional Membership: | | ISRD |
| 6. Subjects Taught | : | AUTOMATION AND ROBOTICS<br>NON CONVENTIONAL SOURCES OF ENERGY<br>ENGINEERING DRAWING<br>MODERN MACHINING PROCESSES |

- **Publication Details:**

| Title | Publisher | Published Year |
|---|---|---|
| 1. Optimization of Process Parameters of EDM Process Using Fuzzy Logic and Taguchi Methods for Improving Material Removal Rate and Surface Finish | Elsevier | 2018 |

| | | |
|---|---|---|
| 2. Optimization of Electrical Discharge Machining Process parameters for 17-7 PH Stainless Steel by using Taguchi Technique | Elsevier | 2020 |
| 3. Experimental Procedure to Develop an IoT Based Smart Home Automation System Using Intelligent Sensors Association | IEEE Publications | 2024 |
| 4. Design and Development of a Novel Sensor Assisted Vehicle Count Prediction Using Modulated Deep Learning Principles | IEEE Publications | 2024 |

- **Patent Details:**

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