

## Profile

### SEASAPURAM SRUTHI

Assistant Professor (Junior),

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### Academic Qualifications:

| Class        | Board/University                       | Year of Passing | Specialization/Area |
|--------------|--|-----------------|---------------------|
| M.Tech       | Sree Vidyanikethan Engineering College | 2014            | VLSI                |
| B.Tech       | JNTUA                                  | 2012            | EEE                 |
| Intermediate | State Board                            | 2008            | Maths and Physics   |

### Total Experience: 6 years

| Organization                                   | Position            | From       | To         | No. of Years |
|--|---------------------|------------|------------|--------------|
| Sri Padmavathi mahila Viswavidyalayam          | Assistant Professor | 08-08-2016 | Till date  | 4+           |
| Vaishnavi Institute of Technology and Sciences | Assistant Professor | 12-08-2014 | 29-06-2016 | 2            |

**List of Subjects Taught:** 1. Electrical Machines 2. Circuits and Networks 3. Basic Electrical Engineering 4. Control Systems 5. FACTS & HVDC Transmission 6. Digital Control systems 7. Neural Networks and Fuzzy Logic 8. Energy audit

**Areas of Research Interest:** Fuzzy Control Systems, Power-electronic converters

**Number of PG Projects Guided** : 3 + 2 (ongoing)

**Number of UG Projects Guided** : 5

### List of Publications in International Journals:

P.Lakshmi Sravani, S.Sruthi, "A CONTROL TECHNIQUE ON NOVEL PWM INVERTER BASED ON SINGLE STAGE SWITCHED CAPACITOR MODULE" in International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-X, Issue-X, July 2019.

S Sruthi, "Simulation and Performance Analysis of VSI, CSI, and ZSI Fed Induction Motor Drive using FFT" in International Journal for Research & Development in Technology, Volume-9, Issue-5, May-2018 ISSN NO:-2349-3585

Tadi Asha kranthi, S Sruthi, "Dynamic Modeling Multistring Inverter with Multi Rated Model of Photovoltaic cells," in International Journal of Innovative Research in Science, Engineering and Technology, Volume-6, Issue-6, June-2017 ISSN NO:-2347-6710

S Sruthi,"Autonomous Solar PV-Array Fed Inverter Excited Wind Driven Induction Generator for Off Grid Application", in International Research Journal of Engineering and Technology(IRJET), Volume-04, Issue-05, May-2017 ISSN NO:-2395-0072

M Leelavathi, S Sruthi, "Torque Ripple reduction of IM by using Hybrid Model of NFC and DTC Scheme", in International Journal of Scientific Engineering and Technology Research, Volume-5, Issue-47, December-2016 ISSN NO:-2319-8885

S Sruthi, "Design and Implementation of Split Radix Algorithm for Length-6<sup>m</sup> DFT using VLSI and FPGA", in International Journal of Research in Computer Applications and Robotics, Volume-2, Issue-7, July-2014 ISSN NO:-2320-7345

S Sruthi, G Naresh, "Design and Implementation of Split Radix Algorithm for Length-6<sup>m</sup> DFT using VLSI", in International Journal of VLSI System Design and Communication Systems, Volume-2, Issue-4, July-2014 ISSN NO:-2322-0929

### List of Events (Conferences/Seminars/Workshops/FDPs/Training Programs/...) attended:

| S.No. | Name of the Event                       | Organized by | Date                        | Number of Days |
|-------|---|--------------|-----------------------------|----------------|
| 1.    | NBA ACCREDITATION                       | SOET,SPMVV   | 22-04-2019<br>TO 26-04-2019 | 5              |
| 2.    | ENTREPRENEURSHIP                        | SVU          | 29-04-2019<br>TO 09-05-2019 | 14             |
| 3.    | INTRODUCTION TO ARTIFICIAL INTELLIGENCE | SOET,SPMVV   | 06-05-2019<br>TO 10-05-2019 | 7              |

|     |  |                                  |                                 |   |
|-----|--|----------------------------------|---------------------------------|---|
| 4.  | ASSESSMENT AND<br>EVALUATION UNDER<br>OUTCOME<br><br>BASED EDUCATION                 | SOET,SPMVV                       | 10-06-2019<br>TO 14-06-<br>2019 | 5 |
| 5.  | TWO DAY NATIONAL<br>WORKSHOP ON CAPACITY<br>BUILDING ON LIFE SKILLS<br>EDUCATION     | IQAC, SPMVV                      | 18-10-2019<br>TO 19-10-<br>2019 | 2 |
| 6.  | ONE WEEK FDP ON NEW<br>FRONTIERS IN ARTIFICIAL<br>INTELLIGENCE-SOCIAL<br>PERSPECTIVE | DST-CURIE AI,<br>SPMVV           | 25-11-2019<br>TO 30-11-<br>2019 | 7 |
| 7.  | ONE DAY WORKSHOP ON<br>ESIM, A FIRST COURSE IN THE<br>IOT SERIES FOR TEACHERS        | SOET,SPMVV                       | 21-09-2019                      | 1 |
| 8.  | ONE DAY WORKSHOP ON C<br>AND C++   | SOET,SPMVV                       | 29-02-2020                      | 1 |
| 9.  | ELECTRIC VEHICLES: NEW<br>TRENDS AND TECHNOLOGIES                                    | EEE, ABES<br>Engineering college | 22-06-2020<br>TO 26-06-<br>2020 | 7 |
| 10. | ONE WEEK HANDS ON<br>WORKSHOP ON PYTHON AND<br>DATA SCIENCE                          | DST-CURIE AI,<br>SPMVV           | 2-3-2020<br>TO 7-3-<br>2020     | 7 |

#### Administrative Experience

- Worked as Vice-President in Department Association
- Worked as student grievance cell member
- Worked as an Internal Quality Assurance Cell Member from the department.

I hereby declare that the above information is true to the best of my knowledge.

Date: 01-10-2020

Place: Tirupati

( S.Sruthi)