

## FACULTY PROFILE

1. Name : LANKA SWETHA
2. Designation : Asst. Professor
3. Department : First year Engineering Dept.
4. Date of Joining : 07-10-2014
5. Nature of Employment: Regular
6. Date of Birth : 15-06-1986
7. Unique ID (AICTE FID) : 1-2388354534
8. Email : swethadeepukommana@gmail.com
9. Phone : 9291482939
10. Address for communication: H.NO: 10-84, Near Hanuman Temple, Vatluru, West Godhavari Dist, A.P



### 11. Educational Qualifications:

| Qualification | Institute                         | University/Board           | Specialization      | Year of Passing | Division/Class |
|---------------|-----------------------------------|----------------------------|---------------------|-----------------|----------------|
| Ph.D.         | KL University                     | KL University              | Applied Mathematics | pursuing        |                |
| PG            | Sir C R R Autonomous College      | Andhra University          | Mathematics         | 2008            | FIRST          |
| UG            | Sir C. R. Reddy college for Women | Andhra University          | B.Sc (M.Sc)         | 2006            | FIRST          |
| Inter/Diploma | Vidya Vikas Junior College        | Board of Intermediate      | M.P.C               | 2003            | FIRST          |
| SSC           | Vidya Vikas School                | Secondary school education | ALL                 | 2001            | FIRST          |

### 12. Work Experience: 8 years 9 months

Teaching: 8Y 9M

Research:

Industry:

Total: 8Y 9M

| Name of the Organization                                | Designation     | Date From    | Date To      |
|---|-----------------|--------------|--------------|
| Abhinav Hi - Tech College of Engineering and Technology | Asst. Professor | 2 - 11- 2009 | 30 - 8 -2011 |
| Sir C.R.R COLLEGE OF ENGG                               | Asst. Professor | OCT-2014     | TILL DATE    |

**13. Courses taught:**

| S.No. | Name of the subject    | UG/PG |
|-------|------------------------|-------|
| 1     | MATHEMATICS-I          | UG    |
| 2     | MATHEMATICS-II         | UG    |
| 3     | MATHEMATICS-III        | UG    |
| 4     | MATHEMATICS-IV         | UG    |
| 5     | PROBABILITY & STASTICS | UG    |
|       |                        |       |

**14. Administrative Responsibilities:**

| S.No. | Description        | College/ Department level |
|-------|--------------------|---------------------------|
| 1     | NBA                | COLLEGE                   |
| 2     | Class Incharge     | Department                |
| 3     | Counsellor         | Department                |
| 4     | Exam cell          | Department                |
| 5     | Disiplane Commity  | Department                |
| 6     | Time table commity | Department                |

**15. Research Guidance:**

| M.Tech.   |         | Ph.D.     |         |
|-----------|---------|-----------|---------|
| Completed | Ongoing | Completed | Ongoing |
|           |         |           |         |

**16. Research Publications in Journals (National/International):**

| S.N o. | Author(s) Name | Title of the Paper  | Name of the Journal                            | National/ International | Month & Year | Volume, Issue No, Page Nos              | UGC/ Web of Sciences/ Scopus/ SCI/ Others |
|--------|----------------|---|--|-------------------------|--------------|---|---|
| 1      | L. SWETHA      | Hydrodynamic Lubrication of Asymmetric Rollers by Power Law of Fluids | International Journal on Emerging Technologies | INTERNATIONAL           | March-2020   | Vol-11<br>Issue: 02<br>Page NO: 948-953 | SCOPUS                                    |

**17. Research Papers in Conferences (National/International):**

| S.No. | Author(s) Name           | Title of the Paper                            | Name of the Conference/Journal  | National/ International | Month & Year | Page Nos      |
|-------|--------------------------|---|---|-------------------------|--------------|---------------|
| 1     | L.SWETHA & S. RAVI KUMAR | Review on Fuzzy set theory AND its Operations | International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) | International           | 2017         | 06<br>(74-79) |

|   |           |  |   |          |      |                 |
|---|-----------|--|---|----------|------|-----------------|
| 2 | L. SWETHA | A Review on Data Security using Modular Operation : A number theoretic transform | An International Research Journal Bulletin of Mathematics And Statistics Research | National | 2016 | 02<br>(100-101) |
|---|-----------|--|---|----------|------|-----------------|

#### 18. No of Books Published:

| S.No. | Author(s) Name | Title | Publisher | ISBN | Year of Publishing |
|-------|----------------|-------|-----------|------|--------------------|
|       |                |       |           |      |                    |
|       |                |       |           |      |                    |

#### 19. Workshops/ FDPs/STTPs /etc., (Organised):

| S.No. | Name of the Workshop/ FDP/STTP/ etc., | Place | Period |    |
|-------|---------------------------------------|-------|--------|----|
|       |                                       |       | From   | To |
|       |                                       |       |        |    |
|       |                                       |       |        |    |
|       |                                       |       |        |    |
|       |                                       |       |        |    |

#### 20. Workshops/ FDPs/STTPs/ etc., (Attended):

| S.No. | Name of the Workshop/ FDP/STTP/ etc.,   | Place  | Period        |              |
|-------|---|--|---------------|--------------|
|       |   |  | From          | To           |
| 1.    | Fluid Dynamics and its Applications   | Government First Grade College,Karnataka                             | 28-5-2020     | 29-5-2020    |
| 2.    | Online Teaching Tools for Video – Lecturing and Digital e - learning                  | SIR C R R College(Aided & Autonomous)                                | 04-5-2020     | 08-5-2020    |
| 3.    | One week online national FDP on Mathematics modeling and simulation                   | M.V.S.R. Engineering college , Hyd                                   | 25-06-2020    | 30-06-2020   |
| 4.    | Taxonomy of Softwares Related to Mathematical Sciences                                | Gokaraju Rangaraju Institute of Engineering and Technology Hyderabad | 09-6-2020     | 14-6-2020    |
| 5.    | One week online national FDP on Application of Mathematics in Science and Engineering | Vishnu institute of technology, Bhimavaram                           | 07 – 7 -2020  | 11- 7 - 2020 |
| 6.    | Mathematical Prototypes and their Applications in Engineering and Science             | SRKR Engineering (Autonomous) Bhimavaram                             | 27-7-2020     | 01-8-2020    |
| 7.    | Emerging Trends in Mathematical Modeling Using Phyton Programing                      | CMR Institute of Technology, Hyderabad                               | 07 – 8 - 2020 | 11 – 8 2020  |

**21. Sponsored Projects:**

| S.No. | Title | Sponsored by | Amount | Period | Ongoing/<br>Completed |
|-------|-------|--------------|--------|--------|-----------------------|
|       |       |              |        |        |                       |
|       |       |              |        |        |                       |

**22. Consultancy Projects:**

| S.No. | Title | Agency | Amount | Period | Ongoing/<br>Completed |
|-------|-------|--------|--------|--------|-----------------------|
|       |       |        |        |        |                       |
|       |       |        |        |        |                       |

**23. No of Patents (Filed/Granted):**

| S.No. | Title | Application Number | Year | Filed/Granted |
|-------|-------|--------------------|------|---------------|
|       |       |                    |      |               |
|       |       |                    |      |               |

**24. Awards/HonoursReceived:**

| S.No. | Award Name | Awarded by | Contribution | Date Received |
|-------|------------|------------|--------------|---------------|
|       |            |            |              |               |
|       |            |            |              |               |
|       |            |            |              |               |
|       |            |            |              |               |

**25. Professional Memberships:**

| S.No. | Name of the Professional<br>Body | Membership No. | Membership Type |
|-------|----------------------------------|----------------|-----------------|
|       |                                  |                |                 |
|       |                                  |                |                 |

**26. Membership in BOS/ Editorial Boards:**

| S.No. | Name of the University/ Journal | Member/ Editor/ Reviewer | Period |
|-------|---------------------------------|--------------------------|--------|
|       |                                 |                          |        |
|       |                                 |                          |        |

**27. Details of Personal Blogs/ Educational Youtube Channels/ e content (if any):**

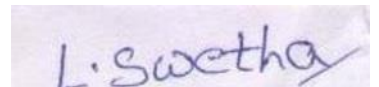
**28. Details of Innovative Design/ Development of Product or Model (if any):**

**29. Technology Transfer:**

**30. Special Achievements (If any):**

**31. Personal Details:**

|                    |                              |
|--------------------|------------------------------|
| (a) Father's Name  | : LANKA SUBRAHMANYESWARA RAO |
| (b) Mother's Name  | :SRIDEVI                     |
| (c) Gender         | : FEMALE                     |
| (d) Marital Status | : MARRIED                    |
| (e) Religion       | : HINDU                      |
| (f) Nationality    | : INDIAN                     |

A rectangular box containing a handwritten signature in blue ink. The signature appears to be 'L. Swetha'.

Signature