Name: **SRINIVAS TALSILA**
Designation: Assistant Professor
Department: Electronics and Communication Engineering
Mail I'd: srinivas_t@vnrvjiet.in
Experience (in years):   Teaching: 8
          Research: Others (if any, specify):

1. **Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	Pursuing	Signal & Image Processing
2	M.Tech	2014	VLSI Systems Design
3	B.Tech	2010	ECE

2. **Teaching and Learning:**
   2.1. Teaching Interests: Probability Theory and Stochastic Process, Signals and Systems, Electromagnetic Waves & Transmission Lines, Switching Theory and Logic Design, Digital Signal Processing, Microwave Engineering and Radar Systems
   2.2. Novel Teaching & Learning Techniques adopted: WIT & WIL, Think pair share, Online teaching methods and Learning by Doing.
   2.3. Involvement in curriculum updating / Design:

3. **Co-curricular and Extra-Curricular Activities**
   3.1. Interests and Hobbies: Sports→Cricket, badminton
   3.2. CCA/ECA Organized:
   3.3. CCA/ECA participated:
   3.4. Counseling and Mentoring Activity:
   3.5. Committees involved in:
           Department level:
           Institute Level:

4. **Conference / Workshop / Seminar / Guest Lectures :**
   4.1 Conducted:
   4.2 Attended:
     •Attended Workshop on CADENCE FIRST ENCOUNTER Tool
   • Attended Workshop on EMBEDDED LINUX ON ZYNQ-7000 SOC USING VIVADO organized by CoreEL Technologies held on September 25th, 2015.
   • Participated in the workshop on ANALOG & DIGITAL CMOS IC DESIGN FLOW USING MENTOR GRAPHICS EDA TOOLS held on June 9 & 10, 2016.
   • Participated in a One-day workshop on ADVANCED PROGRAMMING TECHNIQUES WITH MATLAB held on 16th September 2016 at JNTUH College of Engineering.
   • Participated in a Two Week ISTE STTP workshop on CMOS, MIXED SIGNAL AND RADIO FREQUENCY VLSI DESIGN Conducted by IIT Kharagpur from 30th jan, 2017 to 4th feb 2017.
   • Participated in the AICTE sponsored two-week National Level Faculty Development Program on SPEECH, IMAGE & VIDEO PROCESSING TECHNIQUES, ANALYSIS & APPLICATIONS organized by MRECW from 6th to 8th Nov 2017.

- Participated in the Two-day faculty development programme on MULTIMEDIA SIGNAL TRANSMISSION THROUGH WIRELESS COMMUNICATIONS on june 12th & 13th 2018 in association with Capricot Technologies Pvt ltd.
- Attend workshop on SCILAB conducted by IIT Bombay.
- Participated in a one-week FDP on EMBEDDED SYSTEMS & INTERFACING HANDS-ON organized by Ministry of Electronics and Information Technology, Government of India, endorsed by AICTE/UGC/NBA.
- Participated in a One-week Faculty Development Program on VLSI Chip Design Hands-on using open-source EDA organized by Electronics and ICT Academies held from 16-20 Dec 2019 under the Scheme of financial assistance for setting up of Electronics and ICT Academies of the Ministry of Electronics Information Technology (MeitY), Government of India.
- Attended and completed "One Week Online FDP/Certificate Course in Patent Filing Procedure" organized by Center of Research Development, Sree Saraswathi Tyagaraja College (Autonomous), Pollachi, Tamilnadu from 25-01-2021 to 30-01-2021.
- Attended a "Two Week Workshop on IoT and Its Applications" organized by EICT Academy IIT Guwahati, from 14-02-2022 to 25-02-2022.
- Participated in the Two-day seminar on Research scholars summit scheduled on Dec 3 to 4, 2018 in Technical Association with the Directorate of Research & Development, JNTUH, Hyderabad.
- Attended webinar on "MICRO/NANO systems Technology & Processes-An Industry Perspective" organized by Department of ECE, in association with ISTE students' chapter, Saintgits College of Engineering, Kottayam, Kerala on 25th May 2020.
- Attended webinar on "Social Network Analysis through NodeXL" organized by Department of CSE, Bhavan's Vivekananda College of Science, Humanities & Commerce, Sainikpuri in association with JNTUH on 19th May 2020.
- Attended webinar on "Development of Deep Learning Architecture" hosted by IETE-MUMBAI in association with PANTECH on 25th May 2020.
- Attended webinar on "Conversational Bot Design" hosted by IETE-MUMBAI in association with PANTECH on 30th May 2020.
- Attended webinar on "Brain Computer Interface" hosted by NITK-STEP in association with PANTECH on 05th June 2020.
- Attended webinar on "Brain Controlled Robot Design" hosted by NITK-STEP in association with PANTECH on 06th May 2020.
- Attended webinar on "Application Design of Brain Computer Interface" hosted by ADAMAS University in association with PANTECH on 13th June 2020.
- Attended webinar on "Internet of Things Using Arduino" hosted by Dr. Shyama Prasad Mukherjee University in association with PANTECH on 16th June 2020.
- Attended webinar on "Design of Brain Control Applications" hosted by Dr. B.R. Ambedkar National Institute of Technology Jalandhar in association with PANTECH on 26th June 2020.

5. Academic Contribution and Research & Consultancy:
5.1. Invited Lectures:
5.2. Articles / Chapters published in Books:
5.3. Books published as single author or as editor:
5.4. Projects Guided:
     a) UG: 8   b) PG: 1

5.5. Research Interests: Signal and Image Processing, Machine Learning and Deep Learning

5.6. Ph.D students :

    a) Enrolled: b) Submitted: c) Awarded:

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor / Cite Score	Indexing
1	Conventional Data Augmentation Techniques for Plant Disease Detection and Classification Systems-2022	Smart Innovation, Systems and Technologies (Vol 289 pp 279-281)	2190-3026	1.1	SCOPUS
2	PLRSNet: a semantic segmentation network for segmenting plant leaf region under complex background-2021	International Journal of Intelligent Unmanned Systems	2049-6427	1.8	SCOPUS +WOS(E SCI)
3	A Survey on Latest Methodologies for the Identification of Plant Leaf Diseases-2019	International Journal of Emerging Technologies and Innovative Research (Vol 6 Issue 4 pp1406-1410)	2349-5162	--	Google Scholar

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Disease Classification in Black gram Crop Using CNN Transfer Learning	International Conference on Intelligent Circuits and Systems (ICICS-2022)	International	8th -9th Apr 2022
2	Plant Leaf Disease Detection and Classification Systems Using CNN Architectures	International Conference On Recent Trends In Smart And Sustainable	International	21st -22nd Jan 2022

		Agriculture For Food Security (SSAFS-2022)		
3	Conventional Data Augmentation Techniques for Plant Disease Detection and Classification Systems	International Conference on Intelligent Systems & Sustainable Computing (ICISSC-2021)	International	24th September 2021
4	Internet of Things Protocols for Heterogeneous Devices and Cloud Services: Layered IoT Architectures	International Conference on Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2020)	International	13th & 14th August 2020

5.9. Sponsored research Projects:

5.10 Consultancy Projects:

6. Awards / Honors received:

- Qualified in GATE 2011 with GATE SCORE 320.
- Presented paper selected in Third place in the International Conference on Recent trends in Smart and Sustainable Agriculture for Food Security" (SSAFS-2022) held on 21st -22nd January 2022

7. Motto: IT AIN'T OVER TILL IT'S OVER