Self Appraisal (2025-2026)

I. PERSONAL DATA



Name : shri . A.Thyagaraja Murthy

Parent's Name: Late shri. N. Appajaiah
Late smt. H. Vijaya Lakshmi

Date of Birth : 6th July 1968

Address : #2374, VijayaLakshmi Krupa
Gaddige Main Road , J K Layout Bogadhi
Mysore-570026

Designation : Associate Professor
Dept of Electronics & Communication
Sri Jayachamarajendra College of Engineering,
JSS Science & Technology University,
Mysore - 570006 KARNATAKA.

Mobile : +91 9845465095

e-mail : thyagarajamurthy@sjce.ac.in
: thyagarajamurthy@jssstuniv.in

Educational Data

B.E (E & C)
M.Tech (computer & Network Engineering)
MBA(HRM)
Ph.D (Pursuing at JSS STU Batch-6) –3rd year

II. Professioinal Data

Courses taught for UG :

- Entrepreneurship & Management (7th sem 22EC710)
- Product Design and Development (Open Elective --22EC741OE)
- Design and Implementation Lab (6th sem In-charge)

Courses taught for PG :

- Cryptography & Network Security (1st Sem M. Tech -24PNI120)
- Advanced Wireless Systems and Technologies (2nd sem M. Tech-24PNI220)

UG & PG Projects guided :

UG Projects : RF Energy harvesting for Low power IOT Devices : A study

PG Projects :

i) Design and Development of Edge node for computing applications
ii) Error detection and correction methods for data reception in LEO satellite communication – using AI approaches

Other *Responsibilities :*

- Coordinator for Design and Implementation Lab(6th sem)
- Coordinated NBA work at department level
- worked in M.Tech Scheme and syllabus development committee
- Coordinated for sending and organizing projects for Sutturu Jathra Mahotsava-2024
- Coordinated during OPEN Day-2026 celebrations
- Mentoring two student club activities during 2024-25 EC-Hardware club and STELLAR JC space and Astronomy club)
- UG and PG – Projects Panel member
- working In JNANAM NANOSAT project – Ground station operations

Research work :

a) "SDR Based Performance Analysis of Wireless Channel models"
- SMARTCON 2026 Pune Maharastra

b) Comparative Performance of Autoencoders and Traditional Machine Learning Algorithms in Satellite Telemetry Data Reconstruction for Enhancing Ground station Data Integrity – SMOPS 2026 Bangalore

c) " Communication Link design and Budget Analysis for JSS NANO Satellite Project" – IEEE SPACE conference -2025

PROFESSIONAL MEMBERSHIP :

- ISTE – Life member
- CSI – Annual Memeber 2026-27
- IEEE – Professional member 2026-27

Workshop / Symposium Attended:

i) Attended one-week FDP program “SPPECH ENABLED DRONE TECHNOLOGY: AI and IOT PERSPECTIVES ”, E&ICT cademy IIT Guwahati 5-9th Jan 2026 at JSS STU Mysuru

ii)

Workshop conducted / coordinated :

i) Coordinated Hardware workshop for EC HARDWARE CLUB 2025-26
ii) Coordinated JNANAM projects for students during the complete academic year 2025-26
iii)Delivered a Talk on “ Cyber Revolution and its social Impact “ at Governmant First grade college Bilikere Mysuru
iv) Organising committee member for ICETEG 2025
v) coordiated Sutturu Jathra -2026 exbhition projects .

The above information furnished are all true to the best of my knowledge.

Signature

(A.Thyagaraja Murthy)