

AppendixB–Faculty Vitae

1. **Name with Designation: Mary Sajin Sanju I**

2. **Education–M.Tech,(P.hD)**

Degree	Discipline	Institution	Year of passing
P.hD	VLSI	Sathyabama Institute of Science and Technology	On going
M.Tech	VLSI Design	Sathyabama Institute of Science and Technology	2011
B.E	ECE	Manonmaniam Sundaranar University	2003

3. Academic experience

Position	Institution	Duration
Assistant Professor	Sathyabama Institute of Science and Technology	2010 to till date

4. **Non-academic experience** – (company or entity, title, brief description of position, when (ex. 2008-2012), full time or part time)

5. Certifications or professional registrations:

(i) Undergone NPTEL Course in

1. Satellite Communication
2. NBA Accreditation and Teaching – Learning in Engineering
3. Introduction to Industry 4.0 and Industrial Internet of Things
4. Design Thinking

(ii) Undergone Certificate Course from NITTTR

(iii) Undergone Four ATTEL FDP'S

(iv) Undergone two GIAN Course's

(v) Undergone Certificate Course from ISRO

6. Current membership in professional organizations

Life Time Member of The Indian Society for Technical Education

7. Honors and awards

8. Service activities (within and outside of the institution):

- Course Coordinator for Various Courses
- Counsellor for Second Year Students
- ISO , NACC , NBA File in charges
- Organized many events Like FDP , Workshop , Conference within the Institution

9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

1. Mary Sajin Sanju, I., Vadivel, M., Mathan, N., An Efficient Dual Stage Compressor for High Speed VLSI Applications. 3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings, 2022, pp. 122–125
2. Srilatha, Chitra, P.Sumathi, M., Mary Sajin Sanju, I. Jayasudha, F.V. Automated MRI Brain Tumour Segmentation and Classification Based on Deep Learning Techniques. 2022 2nd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2022, 2022
3. Jayasudha, F.V., Sheeba, I.R., Sanju, I.M.S., Srilatha, K. A Microstrip Antenna Using Metamaterials for Satellite Communication. 2021 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2021 - Proceedings, 2021, pp. 113–116
4. Ronica, B.I.S., Devika, M., Jayasudha, F.V., Sanju, I.M.S. An effective image transmission with DWT over fading channel. Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020, 2020, pp. 1334–1336, 9214210
5. K. Srilatha; P. Chitra; M. Sumathi; F. V. Jayasudha; I. Mary Sajin Sanju. Performance Comparison of Ovarian Tumour Classification Using Deep Neural Network. International Conference on Electronics, Communication and Computing Technologies (ICECCT), 22-24 Feb. 2023. DOI: 10.1109/ICECCT56650.2023

10. Briefly list the most recent professional development activities

- Published two Patterns
- Authored two books in Varies Electronics and Communication