1	Name	Dr.T.Sridher	
2	Designation	Asst. Professor	
3	Nature of Job/Appointment	Regular	
4	Date of Joining in CBIT	14 – 02 - 2011	
5	E-mail	tsridhar_ece@cbit.ac.in	
6	Research Profile	Orcid, Scopus, Publon, Google Scholar, LinkedIn	
7	Education Qualifications	Name of the Degree	Class
	Ph. D	Doctor of Philosophy	Awarded
	PG	Master of Engineering	First Class
	UG	B. Tech	First Class
8	Work Experience		
	Total Teaching	15 Years	
	Research	1 years	
	Industry	--	
	Others	--	
9	Area of Specialization	Indoor Localization, Navigation, Communications, Channel Modeling, Machine Learning Techniques Microwaves, Antennas, IoT	
10	Professional Memberships	Fellow, IETE, F-502561	
11	Research Guidance	UG students projects	
12	Awards Received	1. IETE BEST FACULTY COORDINATOR	
13	Courses Handled at Under Graduate / Post Graduate Level.	Basic Electronics, Microwaves, Radar and Satellite Communications, Antennas and Wave Propagation, GNSS, Mobile Cellular Communications	
14	No. of Papers Published	National Journals – 00	International Journals – 04
		National Conference – 01	International Conference – 03
15	On-going Projects	1. Project Entitled "Development of post processing software for precise positioning using NavIC triple frequency measurements (L1, L5 and S)" , sponsored by ISRO under ISRO RESPOND BASKET Scheme 2024. Duration of the project : 2 years (Oct 2025 – Oct 2027) Status: Received In -Principal Approval Funding: Rs.18.5lacs Role: Co-PI 2. Setting of Position, Navigation and Communication (PNT) Laboratory Funded by: Institute of Technology Tirupathi (IITT) Navavishkar I-Hub Foundation (NIF), Duration:1Year, Investigators: PI – Lakshmi Sreenivasa Reddy; Co-PI – T. Sridher 3. Machine learning based Pathloss Prediction in Indoor and Outdoor Environments of Hyderabad, Funded by:	

		CBIT In-House Seed Grant, Duration: 1 Year, Investigators: PI- T.Sridher, Co-PIs – K. Lakshmanna, D Sony
		4. Integrating LIDAR and SDR for monitoring and optimizing innovative applications in the fields of athletics track Funded by: CBIT In-House Seed Grant, Duration: 1 Year, Investigators: PI – T. Sridher; Co-PIs – Vinodh Kumar Minchula, D. Sony, N. Dhanalaxmi, and Sathuluri Raju
		5. Deep learning based multi modal sensing aided V2X communications using real datasets Funded by: CBIT In-House Seed Grant, Duration: 1 Year Investigators: PI – Vinodh Kumar Minchula; Co-PIs – Supraja Reddy and T. Sridher
		6. Responsible person under MoU SAC, Ahmedabad 2014, 2015
16	Patents	--
17	Technology Transfer	--
18	Grants Received	1. Received Rs.2,00,000/- for organizing the Conference under AICTE VAANI Scheme in Bilanguage Mode, The details are AICTE vide sanction letter no: AICTE/VAANI/2.0/2025-26/185/2423922453, dated 20/06/2025 2. 50,000/- Grant-in-Aid received from DRDO, NEW DELHI
19	Invited Speaker	1. Lab demonstrated for Military College of Electronics and Mechanical Engineering cadet officers in year 2018, 2017
20	International Journals	1. Devalapally, Sony, Tunguturi, Sridher and Kuruva, Lakshmanna. "Preliminary investigation on digital signal processing techniques for echo signal analysis in geodetic and wildlife monitoring" https://doi.org/10.1515/jag-2025-0073, *Journal of Applied Geodesy*.Dec 2025 2. Preliminary Experimental Results of a Vehicle Tracking System Using Low-Cost IOT Modules in Hyderabad Urban Density Areas, Advances in Science, Technology & Innovation ((ASTI)), pp 313–320, 2025 3. Rao, S. S., Sumana, M., Sarma, A. D., Sridher, T., & Lakshmanna, K. (2025). ML-Based Hybrid Approach for Improved Indoor Source Localization. *Progress in Electromagnetics Research C*, *158*. 4. Tunguturi Sridher, Achanta Dattatreya Sarma, Perumalla Naveen Kumar, and Kuruva Lakshmanna, "Distributed RSS-Based 2D Source Localization System in Extended Indoor Environment," **Progress In Electromagnetics Research C,** Vol. 120, 159 - 177,2022. (**Scopus**) 5. Sridher, T., Sarma, A., Naveen Kumar, P. (2022) 'Performance Evaluation of Onboard Wi-Fi Module Antennas in Terms of Orientation and Position for IoT Applications', **International Journal of**

		Engineering, 35(10), pp. 1918-1928. doi: 10.5829/ije.2022.35.10a.11 **(Scopus, Web of Science)**
21	International /National Conferences	1. T. Sridher, A. D. Sarma, P. N. Kumar and K. Lakshmanna, "Results of Indoor Localization using the Optimum Pathloss Model at 2.4 GHz," 2020 XXXIIIrd General Assembly and Scientific Symposium of the International Union of Radio Science, 2020, pp. 1-4, doi: 10.23919/URSIGASS49373.2020.9232019. 2. T. Sridher, N. V. Koteswara Rao, T. K. Pant, A. D. Sarma and P. Naveen Kumar, "Indoor Propagation of IRNSS Signals: Preliminary Results," 2018 International CET Conference on Control, Communication, and Computing (IC4), 2018, pp. 230-233, doi: 10.1109/CETIC4.2018.8530907. 3. Tunguturi Sridher, Achanta Dattatreya Sarma, Perumalla Naveen Kumar, and Kuruva Lakshmanna, "Distributed RSS-Based 2D Source Localization System in Extended Indoor Environment," Progress In Electromagnetics Research C, Vol. 120, 159 - 177,2022. (Scopus) 4. Sridher, T., Sarma, A., Naveen Kumar, P. (2022) 'Performance Evaluation of Onboard Wi-Fi Module Antennas in Terms of Orientation and Position for IoT Applications', International Journal of Engineering, 35(10), pp. 1918-1928. doi: 10.5829/ije.2022.35.10a.11 (Scopus, Web of Science)
22	Workshops Organized	1. Two Day workshop on Exploring the State of Art of PCB Design with Hands ON on 7th & 8th May 2024 2. Two Days workshop on Communication Intelligence Systems (COMINT) during 2016 Oct 25-26 3. Five Day Faculty Development Program GNSS and its Applications, Future Trends 4. One day module course conducted to Millitary College of Engineering, Hyderabad 5. Guest Lecture Organized in the department at the inaugural function of IETE ISF in CBIT
23	No. of Books/Chapter Published with details	--
24	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).	1. Attended a One week online Refresher Course on "Bharateeya Chaitanyam" organized by the Geervana Bharathi of Chaitanya Samskruthi from 29 June to 05 July 2020. 2. Attended a online One week Faculty Development Program on "Outcome Based Education and NBA Accreditation Process - (UG)" during 28 May to 01 June 2020. 3. Attended a online Five days Hands on Workshop on "Patent Searching, Drafting and Filing" from 29 may to 02 June in association with Turnip Innovations and

| | | Exiles Intellectual Services, IEEE Computer Society & Computer Society of India.

4. Attended in the IIC online session conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEI from 28April - 22 May 2020

5. Attended a online One Week National Faculty Development Program and Online Training on "LaTeX" Organized by Sanjay Ghodawat University, Kolhapur in association with Spoken Tutorial project, IIT- Bombay on 27 April to 2 May 2020

6. Attended a national seminar on 'Research methodologies and Opportunities in Communication Engineering' in OU on 25 April 2018.

7. Attended a five day short term training program on 'Recent Research Developments and Challenges in Communication and Navigation Technologies' from 25.02.2020 to 29.02.2020

8. Attended a six day FDP on '5G Wireless Communications' organized by NIT Warangal on 29-03 May 2019

9. Coordinator for one day module course on ' Communication Systems, Microwave Measurements and GPS Navigation Systems' held CBIT Hyderabad, on 30.10.2018.

10. Coordinator for five day faculty development program on 'Principles of GNSS, Applications and Research Areas' jointly with Osmania University, OUCE and CBIT, Hyderabad on 04-09th 2018.

11. Participated in four weeks Orientation Course in JNTU Hyderabad – 08th May to 03 June 2017. |