

Name of Faculty T. Sridhar
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 14 – 02 - 2011
 E-mail tsridhar_ece@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Registered under OU in 2017 march 31	Pursuing
PG	Master of Engineering	First Class
UG	B. Tech	First Class

Work Experience

Teaching 12 Years
 Research 1 years
 Industry --
 Others --

Area of Specialization Indoor Localization, Navigation, Communications, Microwaves, Antennas, IoT

Professional Memberships Fellow IETE Number: F-502561

Responsibilities held at Institution Level --

Responsibilities held at Department Level

1. Worked as Department Time Table In-Charge, from 01-07-2013 to 30-06-2015.
2. In-charge, Navigation and Communication Research Centre (NCRC Lab), from 14-12-2014 to till date as on 09-07-2020.
3. Department Sports Committee Member from 30-06-2019 to till date as on 09-07-2020.
4. Member, Course Expert Group
5. IETE Student Forum (IETE-ISF) faculty coordinator
6. Internship Incharge

Research Guidance --

Awards Received Received Second Best Faculty Coordinator of IETE Student Forum on 6th Nov' 2022 during "IETE Foundation Day" Celebrations.

Courses Handled at Under Graduate / Post Graduate Level. Basic Electronics, Microwaves, UHV-II, Radar and Satellite Communications, Antennas and Wave Propagation, GNSS, Mobile Cellular Communications

No. of Papers Published National Journals – International Journals – 02
 National Conference – 01 International Conference – 02

Projects Carried out Responsible person under MoU SAC, Ahmedabad 2014, 2015

Patents --

Technology Transfer --

Invited Speaker

1. Delivered a session on "Electronic Sensors" as a part of Swetcha Program in March 2022.
2. Lab demonstrated for Military College of Electronics and Mechanical Engineering cadet officers in year 2018, 2017

No. of Books/Chapter Published with details --

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized).

1. Participated in MatLAB workshop "Designing and Modeling of IoT, AI&ML Systems" organized by the AICTE, ATAL Academy, Arm Education and STMICROELECTRONICS" from 1st to 5th 2022.
2. 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.

3. Attended a online One week Faculty Development Program on "Outcome Based Education and NBA Accreditation Process - (UG)" during 28 May to 01 June 2020.
4. 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.
5. 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
6. 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
7. Attended a national seminar on 'Research methodologies and Opportunities in Communication Engineering' in OU on 25 April 2018.
8. 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
9. Attended a six day FDP on '5G Wireless Communications' organized by NIT Warangal on 29-03 May 2019
10. Coordinator for one day module course on ' Communication Systems, Microwave Measurements and GPS Navigation Systems' held CBIT Hyderabad, on 30.10.2018.
11. 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.
12. Participated in four weeks Orientation Course in JNTU Hyderabad – 08th May to 03 June 2017.
13. Coordinator for two day workshop on ' COMmunicationINTelligence (COMINT) Systems' held in CBIT Hyderabad, from 25-26th Nov 2016
14. Convenor for SYNAPSE – 2K15 college level technical event in Sept 2015.
15. Participated in SPFU-AP-TEQIP II, 3rd Batch of Pedagogical Training at NITTTR, Chandigarh from 25-29 November 2013.
16. Attended a two week course on "Basic Electronics" on 23rd June to 8th July 2011 at MJCET, Hyderabad conducted by IIT, Bombay, and MHRD Government.

Details of Journal Publications/
Conferences (National and
International)

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International Journal

1. Tunguturi Sridher, Achanta Dattatreya Sarma, Perumalla Naveen Kumar, and Kuruva Lakshmana, "Distributed RSS-Based 2D Source Localization System in Extended Indoor Environment," Progress In Electromagnetics Research C, Vol. 120, 159-177, 2022.
doi:10.2528/PIERC22021103
2. T. Sridher, A. D. Sarma, P. Naveen Kumar, Performance Evaluation of On board Wi-Fi Module Antennas in Terms of Orientation and Position for IoT Applications, International Journal of Engineering, Transactions A, Vol. 35 No. 10, (2022), 1918- 1928, doi: 10.5829/IJE.2022.35.10A.11

International /National Conferences

1. T.Sridher, A.D.Sarma, P.Naveen Kumar and K.Lakshmana, "Results of Indoor Localization using the Optimum Pathloss Model at 2.4 GHz", URSI GASS 2020, Rome, Italy, 29 August - 5 September 2020 (Accepted)
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, IEEE, International CET Conference on Control, Communication, and Computing (IC4), Thiruvananthapuram, 2018, pp. 230-233.
3. T.Sridher, M.Pradeep, A.D.Sarma, "Precise Estimation of IRNSS Instrumental Bias to Improve Ionospheric TEC measurement", NSSS 2016, VSSC, Thiruvanantha Puram, Kerala.