

FORMAT FOR DETAILS OF INDIVIDUAL TEACHERS

1. Name : Dr.D. SHARMILA
2. Designation : GUEST FACULTY-B
3. Department : ELECTRONICS AND INSTRUMENTATION TECHNOLOGY
5. Qualifications : M.Sc (Ele)., M.Phil (Ele)., M.A (Eng.Litt)., Ph.D
6. Date of Birth : 15-08-1978
7. Date of Joining : 5-07-2004
8. Phones: (off): 0863 2346608 (Res):
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9. Email ID : sharmilad@gmail.com
10. Title of Ph.D. Thesis : DESIGN, SIMULATION AND FABRICATION OF
MULTIBAND MICROSTRIP PATCH ANTENNA USING HFSS

Title of Thesis	University from which PhDs awarded	Awarded Year
DESIGN, SIMULATION AND FABRICATION OF MULTIBAND MICROSTRIP PATCH ANTENNA USING HFSS	Andhra University	2020

11. Areas of Research Interest : ELECTRONICS, INSTRUMENTATION, SODAR and
RADAR ANTENNAS

12. Research Students Information (Awarded):

Guided Successfully	Presently Guided
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Ph.D	M.Phil	Ph.D	M.Phil

13. Academic Achievements: I have been associated with the department from the early days and have been instrumental in the growth of the department. I have been a regular counselor to the students and have inspired them towards research, industry and entrepreneurship.

(Not exceed 10 lines)

15. No. of books published :

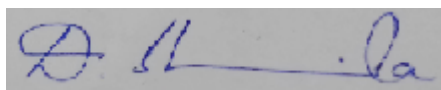
15. No. of research articles published/presented since the inception:

Journals		Conferences	
National	International	National	International
9	4	4	

16. Details Major/Minor Research Projects held/holding:

Title and Sanction Order Particulars	Date of Project Sanctioned	Major/Minor and Funding Agency	Amount in Lakhs

17. Research Collaboration with the faculty of foreign Universities:



Signature of the Teacher

Details of Research Publications

S.No	Title of the paper	Status	Name of the Publisher
1	Dielectric characterization in the vicinity of SMA-SMC* Phase transition in Room Temperature Ferroelectric Liquid Crystals (RTFLC)	Published	Bull, of Pure and App, Scie., 24D (NO.1), P.41-49 (2005)
2	Doppler sodar observations of the diurnal variations of the atmospheric boundary layer over Gadanki a tropical rural station	Published	International Journal of Trends in Scientific research and Development (IJTSRD) Vol.2, Issue 1, November, 2017
3	Function of preamplifier in noise attenuation for sodar	Published	International Journal of Multidisciplinary Educational Research (IJMER), Vol.6, Issue:10(3), Oct 2017, 98-105pp.
4	Design, simulation & fabrication of multiband octagonal patch antenna',	Published	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-2, 51-55 pp.
5	Design of a multiband octagonal patch antenna',	Published	Indian Journal of Science & Technology (IJST), E-ISSN: 0974-5645, 2018. (Web of Science Indexed)
6	Design, simulation & fabrication of multiband antenna using HFSS 15.0	Published	Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 15-Special Issue, 2018 ISSN 1943-023X 470 Received: 30 October 2018/Accepted: 27 November 2018
7	Design, Simulation and Fabrication of Multiband Antenna using HFSS	Published	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019

Papers Presented in the Conferences/Seminars

S.No	Title of the conference /Seminar	Organized by	Title of the Paper	year
	UGC, DRDO &APSCHE Sponsored National Seminar on Advancements in Material Science (NSAMS-15)	Acharya Nagarjuna University	Materialistic Importance of Glass wool in acoustic Doppler sodar	2015
2	6 th Indian Youth Science Congress	Acharya Nagarjuna University	Comparative studies of sodar	2015
3	Need and role of nano sciences in the present era (NRNSPE)	P.B.Siddhartha college of art and science	ABL studies at Gadanki using Doppler Sodar	2015
4	National Seminar on Emerging Trends in Electronics & Instrumentation Technology (ETEIT)	Acharya Nagarjuna University	Recent Trends in Instrumentation	2019
5	Conference on Recent Innovations in Science & Technology (RIST)	Holy Grace Academy of Engineering Mala, Thrissur, Kerala	COMPACT OCTAGONAL MICROSTRIP PATCH ANTENNA FOR MULTIBAND APPLICATIONS	May, 2022
6	Conference on advancement in communication computing & internet of (NCACIoT),	Andhra Loyola College	Triple Octagonal Microstrip Patch Antenna for Satellite Applications	2022.
7	Two Day National Conference on "ADVANCED FUNCTIONAL DEVICE MATERIALS (NCAFDM 2023)".	Acharya Nagarjuna University	Design & Analysis of Octagonal Microstrip Patch Antenna Using Different Substrate Materials for Multiband Applications	2023

WORKSHOPS

S.No	Title of the conference /Seminar	Organized by	Year
1	Embedded systems education	Acharya Nagarjuna University	2007
2	National Workshop on “Microcontrollers Interfacing and Programming”	Acharya Nagarjuna University , A.P, 25-26 February , 2010.	2010
3	National Workshop on “Embedded Systems” Department of Electronics and Instrumentation Technology, ,	Acharya Nagarjuna University	2015
4	TwxhnoXian A national level championship	Acharya Nagarjuna University	2016
5	Research Methodology and R-Programming	Acharya Nagarjuna University	2018
6	One day seminar on Practical Electrocardiography	Acharya Nagarjuna University	2018

FDP/WEBINAR

1. Attended a One Week Faculty Development Program on “Data Science Using R Programming from 12-06-2020 to 17-06-2020, Mahaveer Institute of Science & Technology, Dept. of IT, Hyderabad.
2. Participated in a Five Days Online Faculty Development Program on “RECENT COMMUNICATION TOOLS AND ITS APPLICATIONS”, St. Martin’s Engineering College, Dept. of Electronics and Communication Engineering., 19th to 23rd May, 2020.
3. Attended in Faculty Development Program on “Industrial Embedded Systems & IoT with RaayanMini Board based on ARM Cortex M4(STM32)”, Industrial Embedded Systems Training Institute, KERNEL MASTERS, 8th-19th June, 2020,
4. Participated in National Level Five Day Faculty Development Program on “RE-THINK AND RE-DESIGN OF CURRICULUM, TEACHING METHODS AND MODE OF TEACHING IN POST COVID SCENARIO”, Acharya Nagarjuna University, 19th to 23rd June, 2020.
5. Attended an Online Training Program on MICROSTRIP ANTENNAS WITH DIFFERENT TYPES OF FEEDING TECHNIQUES, Ansys, Entuple Technologies Pvt. Ltd. 20th and 21st May, 2020.

6. Attended an Online Training Program on SAR ANALYSIS USING HFSS, Ansys, Entuple Technologies Pvt. Ltd. 22nd May, 2020.
7. Attended an Online Training Program on DESIGN OF MICROWAVE FILTER USING HFSS, Ansys, Entuple Technologies Pvt. Ltd. 23rd May, 2020.
8. Attended an Online Training Program on RCS SIMULATION USING HFSS, Ansys, Entuple Technologies Pvt. Ltd. 29th May, 2020.
9. Attended “A One day Webinar on Role of IOT in COVID-19”, NRI Institute of Technology, 22nd June 2020
10. Attended a National Webinar on “IMPACT OF COVID-19 ON WOMEN-ISSUES AND CHALLENGES”, Sir. C.R.R. College, 1st & 2nd July, 2020.
11. Participated in online FDP on “Research Opportunities, Challenges and Role of Machine Learning in 5G/6G Applications”, NRI Institute of Technology, 10th to 12th June, 2020.
12. Attended in the webinar on “Emerging Trends: Human Trafficking during Covid 19 with Special Focus on Women and Children”, IQAC, Acharya Nagarjuna University, 18th June, 2020.
13. Participated in the webinar on “Covid-19 Analysis using ML”, WebTek Labs Pvt.Ltd, 25th & 26th June, 2020.
14. Attended One Week FDP on Data Science & Machine Learning @KHIT in association with E&ICT, NITW, 12th July to 20th July, 2021.
15. Participated in One-Day National level webinar on “Internet of Things (IoT)-Applications”, Andhra Loyola College in Association with Ramson Techlabs, 12th July, 2020.