



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada)
ISO 9000:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE & CSE

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FACULTY PRPOFILE

Name of the Faculty	N. Siva Nagaraju
Designation	Assistant Professor
Date of Joining	24-05-2024
Nature of Association	Regular
Email & Phone No	nagaraznagidi@gmail.com & 9959744322
Department	Electronics and Communication Engineering
Educational Background	<ol style="list-style-type: none">1. Pursuing Ph.D. (Circularly Polarized Metasurface Antenna) at Acharya Nagarjuna University, Guntur.2. M.Tech (Communication Systems Engineering) from SRKR Engineering College, Bhimavaram, A.U, Visakhapatnam.3. B. Tech (ECE) from Prakasam Engineering College, Kandukuru, JNTU, Hyderabad.
Areas of Specialization	Antennas
Research Areas	Circularly Polarized Metasurface Antenna
Experience	12 Years



S. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology, Ganguru.	Assistant Professor	24-05-2024 - till date
2	VKR, VNB & AGK College of Engineering, Gudivada.	Assistant Professor	30-05-2016 – 30-04-2024
3	Chalapathi Institute of Engineering & Technology, Guntur.	Assistant Professor	11-07-2008 – 05-03-2015

List of Publications ((National and International): 2

1. NAGIDI SIVANAGARAJU and MOTUKURI AMLIESH, "SMART OBSTACLE DETECTOR FOR VISION IMPAIRMENT" *International Journal of Industrial Electronics and Electrical Engineering (IJIEEE)*, ISSN: 2347-6982 Volume-5, Issue-4, April -2017.
2. N SIVANAGARAJU, "HIGH GAIN DENSE DIELECTRIC PATCH ANTENNA FOR 5G COMMUNICATION USING EBG GROUND STRUCTURE AND DIELECTRIC SUPERSTRATE" *International Journal of Research (IJR)*, Volume. 7, Issue. 11, November-2018, ISSN-2236-6124.

List of Conferences ((National and International): 2

1. Participated in "SCIENCE, TECHNOLOGY, ENGINEERING AND MANAGEMENT" International Conference organized by GVR&S College of Engineering & Technology, Guntur.
2. Participated in "INNOVATIVE TECHNOLOGIES AND DATA COMMUNICATION ENGINEERING (NCITDCE-17)" National Conference organized by Andhra Loyola Institute of Engineering & Technology, Vijayawada.

List of Faculty Development Programs (FDPs): 13

1. Participated in Six Days Virtual Faculty Development Program on "ANTENNA AND MICROWAVE ENGINEERING" from 08.06.2020 to 13.06.2020 Organized by Department of Computer Science Engineering and Information Technology in association with IETE Chapter and Society of EMC Engineers of K. Ramakrishnan College of Technology, Samayapuram, Tricity.
2. Participated in One Week National Level Faculty Development Program on "EMERGING TRENDS IN ELECTRONICS AND COMMUNICATION ENGINEERING" Organized by Department of ECE, Nalla Malla Reddy Engineering College, Hyderabad during 05th to 10th June, 2020.
3. Participated in Three Days Faculty Development Program on "MICROSTRIP ANTENNA DESIGN FUNDAMENTALS AND PRACTICE IMPLEMENTATION OF TRIPLE BAND ANTENNA FOR 5G WIRELESS APPLICATIONS USING ANSYS HESS" Organized by Department of ECE, RISE Krishna Sai Gandhi Group of Institutions, Ongole from 04.06.2020 to 06.06.2020.
4. Participated in Three Days Online Faculty Development Program on "EMBEDDED SYSTEMS AND IoT APPLICATIONS" from 04-June-2020 to 06-June-2020 Organized by Department of ECE, Vignana's Institute of Engineering for Women, Visakhapatnam in association with Embedded System Solutions Pvt Ltd, Bangalore and in partnership with IEEE BLP, Hyderabad.
5. Participated in Five Days Faculty Development Program on "RECENT TRENDS AND

FUTURE APPLICATIONS IN ELECTRONICS AND COMMUNICATION ENGINEERING” Organized by Department of ECE, MLR Institute of Technology, Hyderabad from 29/05/2020 to 02/06/2020.

6. Participated in Five Days Online Faculty Development Program on “MODERN RESEARCH TRENDS IN COMMUNICATION, SIGNAL PROCESSING AND VLSI/MEMS” Organized by Department of ECE, Andhra Loyola Institute of Engineering and Technology, Vijayawada from 19th to 23rd May, 2020.
7. Participated in One Week Short Term Training Program (STTP) on “EMERGING TECHNOLOGIES IN ELECTRONICS AND COMMUNICATION ENGINEERING” from 18-05-2020 to 22-05-2020 Organized by Department of ECE, S V Engineering College, Tirupathi in association with IETE, India.
8. Participated in One Week Online Faculty Development Program on “ADVANCED ANTENNA DESIGN USING HFSS” Organized by Department of ECE, Santhiram Engineering College, Nandyal in collaboration with Vardhaman College of Engineering, Hyderabad from 12-05-2020 to 17-05-2020.
9. Participated in Four Days IEEE Society Chapter Webinar Series during May 12th to May 15th 2020 Organized by IEEE Bangalore Section.
10. Participated in One Week Faculty Development Program on “EMERGING TRENDS IN WIRELESS COMMUNICATION” Organized by E&ICT Academy, IIT Guwahati in association with Department of Electronics & Communication Engineering, RVR & JC College of Engineering, Guntur, AP held from 25- 29th November, 2019 at RVR & JC College of Engineering, Guntur, AP with support from Techvictus.
11. Participated in Meity, Govt. of India, Sponsored Seven days Faculty Development Program (FDP) on “PRACTICAL RF ANTENNA DESIGN” Organized by E&ICT Academy, NIT Warangal in association with Department of Electronics & Communication Engineering, Chalapathi Institute of Engineering and technology, Lam, Guntur, AP held from 4-10th June, 2018.
12. Participated in Meity, Govt. of India, Sponsored Ten days Faculty Development Program (FDP) on “FUNDAMENTALS OF ANALOG AND DIGITAL COMMUNICATION SYSTEMS” Jointly Organized by E&ICT Academy, NIT Warangal in association with Department of Electronics & Communication Engineering from 13th May-22nd May, 2017.
13. Participated in three days Faculty Development Program (FDP) on “EMBEDDED SYSTEMS” Organized by Department of Electronics & Communication Engineering, Chalapathi Institute of Engineering and technology, Lam, Guntur, AP in association with ISTE, New Delhi during 3rd-5th October, 2016.

List of Workshops: 4

1. Participated in 2-days Workshop on “PCB DESIGNING & MANUFACTURING” jointly organized by the department of ECE, VKR, VNB & AGK College of Engineering, Gudivada and MICROLINK Embedded Designers & Solution Providers, Vijayawada during September 22 & 23rd, 2017.
2. Participated in 3-days National Level Workshop on “ELECTRONIC PROTOTYPING USING ARDUINO” conducted by Center for Electronics System Design and the department of ECE, Chalapathi Institute of Engineering & Technology, LAM, Guntur on 20th to 22nd February, 2017.
3. Participated in One Day Workshop on “SIGNAL AND IMAGE PROCESSING” organized by the department of ECE, VKR, VNB & AGK College of Engineering, Gudivada in association with RAMVEE Tech Solutions, Vijayawada held on 18th February, 2017.
4. Participated in One day Workshop on “INTERNET OF THINGS (IOT)” organized by the department of CSE, VKR, VNB & AGK College of Engineering, Gudivada in association with The Institute of Engineers (IE), Vijayawada held on 6th September, 2016.

Certification Courses done: 1

1. Tesla Minds RF Skill Development Certification TMCC16- “DIPLOMA IN ANTENNA MODELLING FOR 5G TRANSCEIVERS” held between 1st January 2022 to 30th June 2022.

Professional Memberships: 3

1. Member of IETE has been approved by the M&CC Sub-Committee with Membership No: **M 500206**.
2. Member of **AICTSD** (All India Council for Technical Skill Development) with Membership ID: **AICTSD/PROFESSOR/16347**.
3. Member of **IAENG** (International Association of Engineers) with Membership ID: **234861**.

N. Sivanagaraju