

AICTE Training and Learning (ATAL) Academy, AICTE, New Delhi

Sponsored

One Week Online Faculty Development Programme On

“RF Energy harvesting Antenna Design for Wireless Body Area Networks: Design, Development, and Challenges”

During 23rd - 27th August, 2021

Organized by

Department of Electronics & Communication Engineering

SRI VASAVI ENGINEERING COLLEGE (Autonomous)

TADEPALLIGUDEM, West Godavari District 534101

(Approved by AICTE and Affiliated to JNTUK, Kakinada, AP) Accredited by NBA-UG in EEE, ECE, CSE & ME and NAAC with “A” Grade [www.srivasaviengg.ac.in](http://www.srivasaviengg.ac.in)

**TIME-TABLE**

Date	10AM -11:30 AM	11:45-1:15PM	2:00PM -3:30PM
23-08-2021	Session 1 <b>Topic: WEARABLE ANTENNAS FOR WIRELESS BODY AREA NETWORKS</b> by Dr. E Kusuma Kumari, Professor &HoD (ECE), Sri Vasavi Engineering College, Tadepalligudem-534101. Andhra Pradesh.	Session 2: <b>Topic: Research Perspective Optimization analysis of Advanced Communication Antennas with Antenna Magus</b> by Dr. B.T.P. Madhav, <b>Professor, Communication Systems Research Group Head ALRC, DST-FIST Sponsored ECE Department, K L University , Vijayawada.</b>	Session 3: <b>Topic: Research Perspective Optimization analysis of Advanced Communication Antennas with Antenna Magus</b> by Dr. B.T.P. Madhav, <b>Professor, Communication Systems Research Group Head ALRC, DST-FIST Sponsored ECE Department, K L University , Vijayawada.</b>
24-08-2021	Session 4: <b>Topic: Meta material based antennas and its applications in WBAN</b> By Dr Dinesh Sharma, Assistant Professor, CCET, Chandigarh.	Session 5: Topic: <b>Design challenges for a rectenna for RF energy harvesting.</b> By Dr. Mrinal Kanti Mandal Associate Professor Electronics and Electrical Communication Engg. IIT Kharagpur.	Session 6: Topic: <b>Fundamentals of Electromagnetic Waves Polarization</b> By Dr Taimoor Khan Assistant Professor National Institute of Technology, Silchar

25-08-2021	<p>Session 7:</p> <p><b>Topic: Human health monitoring using gait analysis through wearable device as body area network</b> by Dr. Vijay Bhaskar Semwal, MANIT, Bhopal</p>	<p>Session 8:</p> <p><b>Topic: Mind Management (Art of Living)</b> By Sunil jain</p>	<p>Session 9:</p> <p><b>Topic: RF Energy Harvester and Some Applications</b> By Dr Taimoor Khan Assistant Professor National Institute of Technology, Silchar</p>
26-08-2021	<p>Session 10</p> <p><b>Topic: Application of Metasurfaces for Microwave Energy Transmission and Harvesting</b> by Dr. Kushmanda Saurav, Assistant Professor, Electrical Engg. IIT Jammu.</p>	<p>Session 11:</p> <p><b>Topic: RF circuits, Systems and Sensors</b> By Prof. N.P. Pathak Professor, Department of Electronics &amp; Communication Engineering, IIT Roorkee.</p>	<p>Session 12:</p> <p><b>Topic: How to use SCOPUS tool for identifying quality literature on Antennas etc.,</b> By Dr. V.Praveen Naidu Associate Professor &amp; IEEE Branch Counsellor, VRSEC, Vijayawada.</p>
27-08-2021	<p>Session 13:</p> <p><b>Topic: Adaptive Antennas for Wireless Communication</b> <b>by VEERENDRA DAKULAGI, Ph.D., Postdoc., SMIEEE.</b> Associate Professor of Department of E&amp;CE, Dean (R&amp; D) Guru Nanak Dev Engineering College, Mailoor Road, Bidar-585403, Karnataka,</p>	<p>Session 14</p> <p><b>Topic: Flexible Antenna Design for Biotelemetry Applications.</b> By Dr. T. Shanmuganathan, Assistant Professor, Department of Electronics Engineering, Pondicherry University.</p>	