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## DR.A Ravi | Head of the Department (HoD)-ECE

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|---|---|
| **CURRENT DESIGNATION/ INVOLVEMENT** | **HoD-ECE Department** |
| **REA OF SPECIALIZATION** | • **Advancing Communications and Intelligent Systems through Signal Processing and AI**<br><br>• **AI, ML & Security, Signal/ Image Processing, IoT** |
| **PROJECTS/GRANTS INNOVATION WITH FIELD OF STUDY AND COLLABORATIVE EFFORTS** | • **Project in the broad area of "Design and Development of IoT devices and systems for Smart City and Smart Building (IDEA Lab)", funded by AICTE-Ministry of Human Resource Development. Government of India, Duration - 3 years; 2023, Sanctioned Amount: 110.5 Lakhs, (Role: Co-Principal Investigator).**<br><br>• **Project in the broad area of " Design and Evolution of LTE and 5G Technology for Advanced Wireless Communications (MODROB)", funded by AICTE-Ministry of Human Resource Development. Government of India, Duration - 3 years; 2023, Sanctioned Amount: 20.56 Lakhs, (Role: Principal Investigator).**<br><br>• **Academia-Industry collaborative project "IOT based Streetlight Controller System" Duration: One year, Amount: 2.3 Lakhs, 2021, (Role: Principal Investigator).**<br><br>• **Academia-Industry collaborative project "Prescriptive Analytics based Safety Point Alarm System" Duration: One year,2022, Amount: 3.92 Lakhs (Role: Principal Investigator)**<br><br>• **AICTE ATAL sponsored one Week Faculty Development Programme on "Recent Trends in GIS and Remote Sensing and its Applications Using AI", September 2021, Sanctioned amount Rs. 0.93 Lakhs (Role: FDP Coordinator)**<br><br>• **AICTE Sponsored Two Week Faculty Development Programme on "Machine learning for Image Processing and its Applications ", February 2021, Sanctioned amount Rs. 5.62 Lakhs (Role: FDP Convener)**<br><br>• **AICTE(ATAL) Sponsored Two Week Faculty Development Programme on "AI and Emerging Technologies for Sustainable Energy and Climate Adaptation", November 2024, Sanctioned amount Rs. 1.00 Lakhs (Role: FDP Coordinator)**<br><br>• **AICTE(ATAL) Sponsored Two Week Faculty Development** |

Programme on "Advanced Solutions for Space exploration and Modern Defense System", December 2024, Sanctioned amount Rs. 1.00 Lakhs (Role: FDP Coordinator)

| ACADEMIC AND ADMINISTRATIVE EXPERIENCE | |
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| | • **NBA/NAAC Accreditation: Coordinator for more than 15 years with strong exposure and experience.** |
| | • **Administrative Experience: 15+ Years(HoD)** |
| | • **Professional Experience: -20YearsTeaching** |
| | • **Ratified As Professor- AICTE/UGC Statutory Body** |

**EDUCATIONAL QUALIFICATION**

- **Doctor of Philosophy in Electronics and Communication Engineering From Jawaharlal Nehru Technological University Hyderabad –Telengana.**
- **M. Tech in Electronics and Communication Engineering – Systems & Signal Processing) .**
- **B. Tech in Electronics and Communication Engineering**

**RESEARCH PUBLICATION DETAILS**

- **Research Publications(selected) :Journals : 65  (SCI/ESCI/Web of Sciences: 30, SCOPUS/UGC/Care: 35)**
- **Conferences/Book Chapters : 15**
- **Books Published: 02**
- **Patents filed & published  :  04**
- **Projects ongoing/Under Process : 06(IDEA LAB, MODROBS ,SERB)- RS.450 Laksh(Apx.)**
- **Sponsored FDPs Conducted/Ongoing   : 15(AICTE, E&ICT)**
- **Projects Guided  :B.Tech level  : 30 , M.Tech level : 15**
- **Reviewer  :  Springer, Elsevier,  IEEE.**
- **Membership in Professional Bodies: FIETE, ISTE, IEEE, ISC.**
- **Reviewer: Signal Processing, IEEE, Elsevier**
- **International/National Conferences Organized:10**
- **Work-shops/Refresher Courses/FDP Organized: 25**
- **Work-shops/Refresher Courses Attended: 20**

**PROFESSIONAL MEMBERSHIPS**

- **Senior Member of IEEE**
- **Life Member ISTE**
- **Member IAENG**
- **Fellow(Life) Member of IETE**
- **Life Member of ISC**
- **Member of IEEE Signal Processing Society.**
- **Member of IEEE Communications Society.**
- **Member of Computational Intelligence Society.**

Dr. A Ravi