



Dr R V H PRASAD



Designation : Assistant Professor

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Contact at : EC-350B, Incubation Centre

Department of Electronics and Communication Engineering,
Velagapudi Ramakrishna Siddhartha School of Engineering,
Siddhartha Academy of Higher Education,
(Deemed to be University)

Kanuru, Vijayawada, Krishna (Dt.),

Andhra Pradesh 520007-.

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Education

Ph. D (VLSI Architectures)

*National Institute of Technology (NIT) -AP,
Andhrapradesh.*

M.Tech (LASER And Electro-Optical Engineering)

*College of Engineering, Anna University,
Chennai.*

B.Tech (Electronics and Communication Engineering)

*Jawaharlal Nehru Technological University,
Hyderabad.*

Experience

Period	Designation	Institution / Organization
2011-Present (14 Years)	Assistant Professor	Siddhartha Academy of Higher Education, (Deemed to be University) Formerly known as V R Siddhartha Engineering College
2008-2011 (3 Years)	Assistant System Engineer	TATA Consultancy Services (TCS)

Research Profile

Funded Projects Executed

Project Title	Sanctioned Agency	Duration	Sanctioned Amount (in lakhs)
Electronic Toll Collection System	DST, TIFAC-CORE	2008-14, 6 Years	154.00
Development, Validation and Porting of V.34 and V.90 MODEM Protocol Software on to the ANURAG Processor Based MODEM.	ANURAG, DRDL, DRDO	2014-16, 2 Years	9.90
Next-Gen AI-Enabled Campus Assistant Bot with Biometric Authentication, Health Monitoring, and Voice-Based Navigation	Siddhartha Academy of Higher Education (Deemed to be University)	2025-26 1 Year	1.54
Total Research fund			165.44

Patents

S.NO	Patent Title	Ref No	Date of Publication
1	Smart Solar Forecasting for Enhanced Irradiance and Temperature Predictions of Photovoltaic Systems using Deep Learning Techniques	202441044499	14/06/2024
2	Artificial Intelligence Based Technique for Fault Alarms and Power Performance Analysis in Hybrid Electric Vehicles Based On Hydraulic Technology	202341035297	16/06/2023
3	A smart IoT based application to support and monitor bank accounts of an organization	202241006214	11/02/2022

Research Publications (SCI/ Scopus)

Research Articles	Number
SCI Journals (One Q2, Two Q3) (Unpaid)	3
SCI Journal Under review (Q1) (Unpaid)	Under Review
Non-Scopus Journals	4
Book chapters	1
International conferences	20
Total Research Articles	28

Startup

Company Name	ATHRITEK INNOVATIONS INDIA PRIVATE LIMITED
CIN	U72900AP2021PTC119400
DIN	09317908
Position	Director

Prominent Awards and Recognitions

- **National-level Competition:** Winners of *Smart India Hackathon 2022*; received a prize worth ₹1,00,000 at IIT Roorkee.
- **AICTE–IIC Yukti: Runner-up** in 2023 and 2025.
- **APSCHE Best Mentor Award:** Received in 2023 from the **Honourable Chief Minister of Andhra Pradesh**, with a cash award of ₹50,000.

Prominent Trainings (Certification Courses)

- **AICTE:** Innovation Ambassador Training
- **AICTE-Texas Instruments:** Best Training Mentor received from **IIT Madras** in 2021
- **UiPath:** Diploma of Completion of Level-2 Orchestrator 2018.3 Training
- **UiPath:** Diploma of Completion of RPA Starter Training
- **QNX – BlackBerry:** Realtime Programming for the QNX Operating System

Professional Development Activities – Participations and Organised (latest only)

Faculty Development and Training Programmes	40
Various no. of Seminars/ Workshops/ Webinars/ Guest Lectures	20
Various no. of Seminars/ Workshops/ Guest Lectures	50

Various Administrative Roles in the University and Department:

Served in multiple academic and administrative roles including IIC Department Coordinator, Patents Coordinator, Incubation Centre In-charge, Avishkar Innovation Club In-charge, Hackathon Coordinator, ARIIA (ATAL Ranking) Coordinator, Community Product Development & Commercialization Coordinator, Student Welfare Coordinator, QNX College SPOC, IIT Bombay e-Yantra Robotics Club Coordinator, Drone Club Coordinator, Innovation Day & Engineers' Day In-charge, Class Teacher, Student Counselor, Internal and External Examination Invigilator, Major Project Evaluator, PES & RTOS Course Coordinator, B.Tech and M.Tech Course Instructor and Project Guide, along with contributions to startup coordination, industry-linked internships and placements, laboratory innovation initiatives, and national-level outreach with multiple media coverages.

Place: Vijayawada



Date: 25-03-2026

(Dr R V H PRASAD)