

## Name

**Name:** A N Mukunda Rao  
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## Education

Sl. No.	Degree	Year	Institute	Specialization
1	B.E.	1990	J.N.N.C.E, Shimoga	E&C
2	M.Tech	1994	S.J.C.E., Mysore	Industrial Eelectronics

## Professional Experience

	Date (from-to)	Designation	Organization
1	2011-Till today	Associate Professor	SIT Tumkur
2	2005-2011	Assistant Professor	SIT Tumkur
3	2000-2005	Sr. Lecturer	SIT Tumkur
4	1995-2000	Lecturer	SIT Tumkur
5	1990-1995	Lecturer	STJIT, Ranebennur

*(Please fill in reverse order. Current designation should be at the top)*

## Positions held

*(Please give details of any administrative posts, co Ordinator roles/ responsibilities held)*

1. MTLC-SIT co-ordinator
2. COE co-ordinator
3. Department website co-ordinator
4. Institute Technology Magazine Committee member
5. BOS / BOE Member
6. Departmental Registration In-charge
7. Co ordinator for Technisium-18
8. ISO 9001:2015 internal Auditor
9. IDEA lab-TechGuru
10. Lab incharge

## Affiliations of Professional organizations

- Fellow Institution of Engineers (India)
- Life Member ISTE

## Awards and Honors

## Courses Taught

### Undergraduate Courses

1. Basic Electronics
2. Foundations of Electronics
3. Digital Electronic Circuit
4. Signals & Systems
5. Microprocessor (8085)
6. DSP Architecture
7. ARM Processor
8. Embedded Systems
9. Advanced Microprocessor (8086)
10. Applied Electronics and Microprocessor
11. Digital Signal Processing
12. Microcontroller
13. Computer Communication Network
14. DSP Algorithm and Architecture
15. Mathematics for Signal Processing
16. Advanced Computer Architecture
17. Embedded System Design
18. Signals & Systems (Revised Syllabus)
19. Computer Organisation and Architecture
20. ARM Microcontroller
21. Indian knowledge Systems

### Postgraduate Courses

1. VLSI DSP System
2. Real Time DSP

## Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion

## Research Areas

## Sponsored Projects

### Ongoing Projects:

1. Title:  
Funding Agency:  
Amount:  
Duration:  
Role:
2. Title:  
Funding Agency:  
Amount:  
Duration:  
Role:

### Completed Projects:

1. Title:  
Funding Agency:  
Amount:  
Duration:  
Role:
2. Title:  
Funding Agency:  
Amount:  
Duration:  
Role:

### Publications

#### IEEE international Conference

1. A H Harshini, K S Jyotsna, V Sneha, G Ankitha, Mukunda Rao A N, “Personal Assistance for Object Delivery”, 2<sup>nd</sup> International Conference on Smart Systems for applications in Electrical Sciences (ICSSES)-2025, Year 2025
2. A H Harshini, K S Jyotsna, V Sneha, G Ankitha, Mukunda Rao A N “Autonomous Navigating Robo for Personal Assistance”, International Conference, SSITCOM 24, Year 2024
3. Chandrakanth D.K.;Prabhu S.;Preetham G.M.;Mithun J.B.;Mukunda Rao A.N. “Image Processing based Traffic Surveillance”, International Conference on Smart Systems for Applications in Electrical Sciences, ICSSES 2024, Volume , Year 2024
4. S Pranathi, KN Sinchana, AN Mukunda Rao, BU Akash, SJ Vinutha, MM Rakesh “Development of IoT Based Weather Reporting System”, 2023 IEEE North Karnataka Subsection Flagship International Conference (NKCon), 19/11/2023
5. N Kumar, GK Sahu, M Ravi, S Kumar, V Sukruth, AN Mukunda Rao, “ Triple Riding and No-Helmet Detection”, 2023 4th IEEE Global Conference for Advancement in Technology (GCAT), 1-6, 6/10/2023

6. Pranathi S.;Mukunda Rao A.N.;Sandhya H.R.;Inchara P.N.;Kanakareddy B.;Devadiga G.K., "Multimodal Biometric Authentication", International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2023, Volume , Year 2023
7. Abhijeet Anand; Abhinav Kumar; A N Mukunda Rao; Anupam Ankesh; Ankur RajSmart, "Parking System (S-Park) – A Novel Application to Provide Real-Time Parking Solution“, Proceedings of IEEE Third International Conference –MPCIT 2020, JNNCE, Shivamogga, Karnataka DOI: 10.1109/MPCIT51588.2020.9350429

#### **National Journal**

1. Mukunda Rao A N , Srikantaswamy R., "Effective Teaching - Learning Practices Adopted in Signals and Systems (SAS) Course." Journal of Engineering Education Transformations, [S.I.], Jan. 2016. ISSN 2394-1707. Available at: <<http://www.journaleet.org/index.php/jeet/article/view/85680>>. doi:10.16920/jeet/2016/v0i0/85680.

#### **Editor/ Reviewer of Journal**

#### **Patents**

#### **Invited Lectures, talks and workshops**

1. Conducted a "Hands on Workshop on Web Page creation", for the faculty of Dept. of ECE, SIT on 15th May 2020
2. Delivered a guest lecture on "Programming Timers and UART for 8051" for IV sem BE CS students of SIT on 17th April, 2018
3. Resource person for "Develop Project", workshop for Engineering students under the aegis of IEEE, SIT Student chapter on 20th January, 2018, at SIT
4. Delivered a talk on Micro-controller Lab course as case study in FDP workshop series - 42, titled "Outcome based education", on 23rd Dec 2016 organised by Dept of E&C, SIT
5. Delivered a key note address on the topic "Electronics in Carrier improvement and importance of Electronics in industries", on the occasion of orientation program for 1st Year Diploma E & C Students in Siddaganga Polytechnic, Tumakuru on 4th July 2016.
6. Delivered a guest Lecture on "Serial Communication & Interrupts" for IV sem BE CS students of SIT on 16th April, 2016
7. Presented a webinar organized by Virtual Academy, on the topic :Effective Teaching – Learning Practices Adopted in Signals and Systems Course on 22nd MAR, 2016 between 3:30 PM - 4:30 PM IST.
8. Resource Person in Faculty Development Program For Computer Science & Engg. Department Faculty of SIT on Micro controllers from 24th Nov to 28th Nov 2015.
9. Resource Person in Faculty Development Program For Electrical Engg. Department Faculty of SIT on Microcontrollers and applications for 6 days.
10. Delivered a talk on Digital signal Processing in Faculty Development Program For Instrumentation & Electronics Engg. Department Faculty of SIT.
11. Resource Person for Center for Continuing Technical Education in Karnataka For Diploma Faculty on Embedded systems and MATLAB from 5th July to 14th July 2005.