

SHOBHA S GOUDAR

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Education

	Degree	Year	Institute	Specialization
1	BE	1990	SLN Collage, RAICHUR	EC
2	MS	1997	BITS,PILANI	Electronics and Controls
3				

Professional Experience

	Date (from-to)	Designation	Organization
1	2011-Till date	Associate Professor	SIT, TUMKUR
2	1993-2011	Assistant Professor	SIT, TUMKUR

(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)

Test coordinator

Time table coordinator

Activity coordinator

Technical seminar coordinator

Affiliations of Professional organizations

- ISTE
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Awards and Honors

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Courses Taught

Undergraduate Courses

- Antenna and Propagation
- Transmission lines and waveguides
- Fields and Waves
- Microwave Engineering
- Communication Systems II
- Solid state devices and circuits
- Analog Electronics Circuits
- Computer Organization
- Integrated Circuits and Applications
- Basic Electronics
- Microelectronics

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion

Research Areas

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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

Conference Proceedings

1. Thin Film Copper Sensor for Ethanol Monitoring, Goudar S.S.;Raveesh S.;Moulya H.R.;Geetha Priya N.;Sneha M.B.;Dhanya Shree P.S.,International Conference on Smart Systems for Applications in Electrical Sciences Icasses 2025, **Year** 2025, [DOI:10.1109/ICSSSES64899.2025.11009989](https://doi.org/10.1109/ICSSSES64899.2025.11009989)
2. Flexible Ammonia Sensor using TiO₂, Goudar S.S.;Raveesh S.;Sumaya Kowsar H.N.;Vindya A.S.;Yashaswini C.;Shwetha B.M.,International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2024, **Year** 2024, [DOI:10.1109/ICSSSES62373.2024.10561321](https://doi.org/10.1109/ICSSSES62373.2024.10561321)
3. Ethanol Monitoring using Copper Oxide Sensor, Goudar S.S.;Dhanya Shree P.S.;Geetha Priya N.;Moulya H.R.;Sneha M.B., International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2024, **Year** 2024, [DOI:10.1109/ICSSSES62373.2024.10561427](https://doi.org/10.1109/ICSSSES62373.2024.10561427)
4. Underwater Surveillance Robot, Goudar S.S.;Shilpashree P.S.;Shabareswar D.;Vijay Kumar N.N.R.S.;Swaroop S.J.;Satyanarayana Reddy S.,International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2023, **Year** 2023, [DOI:10.1109/ICSSSES58299.2023.10199676](https://doi.org/10.1109/ICSSSES58299.2023.10199676)
5. Monitoring and Control System for Green House Using Edge Computing, Rani T.O.G.;Goudar S.S.;Chethan M.;Harshitha M.;Shashank Raju

K.;Sinchana K.R., 2023 International Conference on Network, Multimedia and Information Technology, NMITCON 2023, **Year** 2023, [DOI:10.1109/NMITCON58196.2023.10276317](https://doi.org/10.1109/NMITCON58196.2023.10276317)

Editor/ Reviewer of Journal

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Patents

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Invited Lectures, talks and workshops

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