

**SHOBHA REKH**

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 Karunya Institute of Technology and Sciences
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RESEARCH/TEACHING INTERESTS

Started career as an Embedded engineer. Taught courses in Microprocessors, Microcontrollers , Embedded system design and computer architecture. Completed research on wireless networks. Based on the research experience , have handled classes in computer networks. Trained on entrepreneurship by National Entrepreneurship Network, India. Motivated the students and handled classes on entrepreneurship..

EXPERIENCE

Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2012 - present
 Manager , Technical Writing and Technical training, Data Patterns, Chennai, India, 2008 - 2012
 Professor & Head, Electronics and Communication Engineering, SNS College of Technology and Sciences, India, 2005-2008
 Sr. Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2000-2005
 R&D Engineer, Miltroniks Private Ltd, Coimbatore, India, 1995-1998

EDUCATION

Degree	Branch/ Specialization	University	Class	Mode	Month&Year of Passing
Ph.D.,	Electronics and Communication	Anna University	-	part Time	May 2008
M.E.,	Applied Electronics	Bharathiar University	I class	Full Time	May 1997
B.E.,	Electronics and Communication	Bharathiar University	I class with Distinction	Part Time	May 1993

SUMMARY OF INTERNATIONAL JOURNAL& CONFERENCE PUBLICATIONS

Year	International Journal Publications	International Conference Publications	Books/book chapter published
2006 - 2021	20	5	2

PATENTS

- G06F –Hand gesture controlled trash can for bedridden patients

RESEARCH PROJECTS

#	Title of the project	Funding Agency/Role	Amount(Rs.)	Year
1	IoT based energy management system of a microgrid with V2G feature	DST/Co-PI	47.53lakhs	2019-2022

RESEARCH GUIDANCE

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	3	5

AWARDS/HONORS

- Panel speaker in m2mIoT forum, Delhi <https://www.youtube.com/watch?v=mGytiz0sCKA&t=109s>