

# Faculty Profile



**Dr. N.S.Gowri Ganesh, M.E., Ph.D**  
Associate Professor, Artificial Intelligence and Data Science

## HIGHLIGHTS:

- Number of Journal/conference/book Publications: 14
- H-Index: 3
- Patents Published: 7

## PROFESSIONAL LINKS:

- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=56588013700>
- Google Scholar ID: <https://scholar.google.co.in/citations?user=EXMaqqMAAAAJ&hl=en>
- Anna University Faculty ID: 283971
- AICTE Faculty ID: 1-3355916083
- LinkedIn: <https://www.linkedin.com/in/gowriganesh/>

## PROFESSIONAL BACKGROUND:

- Teaching , Industrial Experience till date:

Period	Designation	Employer	Duration
1-Aug-2022 to Till Date	Associate Professor	SAVEETHA ENGINEERING COLLEGE,CHENNAI	Years:2 Months:5 Days:6
16-Mar-2015 to 30- July2022	Professor	MALLAREDDY COLLEGE OF ENGINEERING AND TECHNOLOGY, HYDERABAD	Years:7 Months:4 Days:14
16-Mar-2015 to 6- July-2016	Associate Professor	MALLAREDDY COLLEGE OF ENGINEERING AND TECHNOLOGY	Years:1 Months:3 Days:21

14-Jul-2004 to 19-Jan-2006	SENIOR LECTURER	SRI SIVASUBRAMANIA NADAR COLLEGE OF ENGINEERING	Years: 1 Months: 6 Days: 5 -
26-Jun-2002 to 17-Jul-2004	LECTURER	R.R. ENGINEERING COLLEGE	Years: 2 Months: 0 Days: 21
16-Jul-2001 to 21-May-2002	LECTURER	SATHYABAMA INSTITUE OF SCIENCE AND TECHNOLOGY	Years: 0 Months: 10 Days: 5
			<b>15 years 1 months 6 days</b>
20-Jan-2006 to 13-Mar-2015	SENIOR ENGINEER	CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING	Years: 9 Months: 1 Days: 24
1-Jan-2001 to 13-Jul-2001	SENIOR TECHNICAL SUPPORT ENGINEER	KINSHIP TECHNOLOGIES PRIVATE LTD	Years: 0 Months: 6 Days: 12
1-Mar-1996 to 3-Sep-1999	DBA	KINSHIP TECHNOLOGIES PRIVATE LTD	Years: 3 Months: 6 Days: 2
2-Jun-1993 to 30-Nov-1995	PRODUCTION/SERVICE ENGINEER	NUMERIC POWER SYSTEMS LIMITED	Years: 2 Months: 5 Days: 28
<b>Years of experience in Industry</b>			<b>15 years 8 months 2 days</b>
<b>Total years of Experience in Industry and Colleges</b>			<b>30 years 5 months</b>

#### **INTERNATIONAL EXPOSURE:**

- Installed 10 KVA hotstandby UPS at NEPAL Electricity board , NEPAL from Numeric Power Systems Limited.
- Indian representative from C-DAC, Chennai for the third Asia OSS Master Trainers Workshop with School of Information Systems (SIS), Singapore Management University (SMU) for five days, from December 3rd to 7th, 2007 at the SMU city campus. 72 professionals from 14 asian countries participated in the workshop. More than 50 OSS practitioners attended all the sessions. This workshop is funded by Ministry of Economy, Trade and Industry (METI), Japan. This workshop was conducted by The Center for

International Cooperation for Computerization (CICC). ( [https://www.asia-oss.net/cicc25/sg\\_dec07.htm](https://www.asia-oss.net/cicc25/sg_dec07.htm) )

- Reviewer for
  - International Journals Blockchain. Research and applications (ISSN: 2096-7209) ,
  - Journal, Computers in Biology and Medicine (ISSN: 0010-4825) ,
  - Journal of Information Security and Applications (JISA) (ISSN: 2214-2126)
  - Journal of The Institution of Engineers (India): Series B (IEIB) (ISSN: 2250-2114)
  - International Journal of Automation and Smart Technology (ISSN:2223-9766)

#### **AREA OF SPECIALIZATION:**

- Linux
- Cloud Computing
- Artificial Intelligence
- Blockchain

#### **PATENTS PUBLISHED/GRANTED:**

- 1) **Title of the invention : AN AUTOMATED SYSTEM FOR ASSISTING PERSON OF MEDICAL NEEDS**  
PATENT APPLICATION PUBLICATION INDIA  
Application No.201841015460 A  
Date of filing of Application :24/04/2018 Publication Date : 27/04/2018
- 2) **Title of the invention : PROTECTION OF MEDICAL DOCUMENTS USING BLOCKCHAIN TECHNOLOGY**  
Application No.202141014709 A  
Date of filing of Application :31/03/2021 Publication Date : 16/04/2021
- 3) **Title of the invention : HIGH-END MINUTIAE-BASED SECURING SYSTEM**  
Application No.202141001345 A  
Date of filing of Application :12/01/2021 Publication Date : 02/07/2021
- 4) **Title of the invention : BIO-MICRO-ELECTRO-MECHANICAL SYSTEMS (BIO-MEMS) FOR MATERNAL MORTALITY REDUCTION (MMR)**  
Application No.202141046376 A  
Date of filing of Application :12/10/2021 Publication Date : 17/12/2021
- 5) **Title of the invention : VIRTUAL ASSISTANT FOR AGED PEOPLE USING CONTEXT BASED WEB OF THINGS**  
Application No. 202341015170 A  
Date of filing of Application : 07/03/2023 Publication Date : 24/03/2023
- 6) **Title of the invention : HAPTIC SMART STICK FOR VISUALLY CHALLENGED**  
Application No. 202441047984 A  
Date of filing of Application : 21/06/2024 Publication Date : 01/09/2023

7) **Title of the invention : ADJUSTABLE AND CUSTOMIZABLE STEP LADDER FOR HUMANS WITH DIFFERENT HEIGHTS AND CAPABILITIES**

Application No. 202341042258 A

Date of filing of Application : 23/06/2023 Publication Date : 05/07/2024

8) **Title of the invention : VIBRATION ENABLED SMART HAND STICK FOR VISUALLY CHALLENGED AND HEARING IMPAIRMENTS**

Application No. 202441057108 A

Date of filing of Application : 27/07/2024 Publication Date : 02/08/2024

**COURSES CERTIFIED:**

● RHCSA , RHCE CERTIFIED

● NPTEL COURSES :

- Programming in Java
- Foundation of Cloud IoT Edge ML
- Information Security - 5 - Secure Systems Engineering
- Introduction to Machine Learning (Tamil)
- Introduction to Internet of Things
- Blockchain Architecture Design and Use Cases
- Cloud computing

● Coursera Specialization Certificate: University at Buffalo & The State University of New York **Blockchain Specialization** covering Blockchain Basics Smart Contracts Decentralized Applications (Dapps) Blockchain Platforms

**CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

Title of Program	From	To	Conducted By
Trends in Distributed Computing	21 <sup>st</sup> Aug 2002	22 <sup>nd</sup> Aug 2002	Jayaram Engineering College, Thuraiyur
Mobile and Adhoc Networks	26 <sup>th</sup> Dec 2002	27 <sup>th</sup> Dec 2002	Anna university
Workshop on Re-Engineering Teaching skills	8 <sup>th</sup> Jan 2003	9 <sup>th</sup> Jan 2003	R.R. Engineering College
International conference on Broadband networking	5 <sup>th</sup> May 2003	7 <sup>th</sup> May 2003	ACM at IISc Bangalore
Component Based Technology – Faculty Development Program	24 <sup>th</sup> Nov 2003	29 <sup>th</sup> Nov 2003	Anna University, at Sri Krishna Engineering College, Coimbatore
Workshop on Grid Computing	5 <sup>th</sup> Aug	6 <sup>th</sup> Aug	Anna University, Dept. of IT, MIT

	2003	2003	Campus
Intelligent Sensing and Information Processing	4 <sup>th</sup> Jan 2005	7 <sup>th</sup> Jan 2005	Chennai
Faculty Development Program on Computer Architecture	14 <sup>th</sup> Nov 2005	26 <sup>th</sup> Nov 2005	SSN College of Engineering, Chennai
Open Source Software	22 May 2006	26 May 2006	RMK Engineering College, Chennai
PMP Certification Course	24 <sup>th</sup> Feb 2007	4 <sup>th</sup> March 2007	International Institute of Project Management, Chennai
NPTEL Faculty Development Program on Cloud Computing	Aug 2017	Oct 2017	12 Week Certificate course
NPTEL Faculty Development Program Blockchain Architecture Design and Use Cases	Jan 2019	Apr 2019	12 Weeks FDP course
NPTEL Faculty Development Program Introduction to Internet of Things	July 2019	Oct 2019	12 Weeks FDP course
NPTEL Faculty Development Program Introduction to Machine Learning(Tamil)	July 2022	Sep 2022	8 weeks FDP course
Online Short-Term Course on "Machine Learning Deep Learning and Computer Vision"	26/9/22	30/9/22	NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL & Methodist College of Engineering & Technology
Online Short-Term Course on "Network Security Analysis using Wireshark, Snort and SO"	5/12/22	9/12/22	NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL & DEPARTMENT OF CSE - CYBER SECURITY Sreenidhi Institute of Science and Technology, Hyderabad.
One-week online International Faculty Development Program on "EXPLORING THE FUTURE ENDEAVORS IN THE BIOMEDICAL TECHNOLOGY"	18/1/23	24/1/23	Easwari Engineering College, Chennai
5-Days FDP on "New Age Technologies"	28/3/23	01/04/23	SCOPE, VIT-AP University, Amaravati
From TradAI to GenAI: A Hands-on Transition to the Generative World	10/6/24	15/6/24	CMR Institute of Technology 132 AECS Layout, ITPL Main Road Kundalahalli, Bengaluru
Generative AI and the future of work	22/7/24	26/7/24	Reva University , Bengaluru

Computational Tools on Engineering And Research: Issues and Challenges	18/11/24	22/11/24	TECHNO ENGINEERING COLLEGE BANIPUR , COMPUTER SOCIETY OF INDIA, (Kolkata Chapter)
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**PROFESSIONAL MEMBERSHIPS:**

<b>Name of the Organization</b>	<b>From</b>	<b>To</b>	<b>Office Held (If any)</b>
ISTE (LM38397)- Life Member			
IEI (M-1809797) – Life Member			
Software Computing research society (2022-06-28-3252)	28/6/22	27/6/23	