

Faculty Profile



Dr. G. NALINIPRIYA, M.E., Ph.D
Associate Dean-International Relations & Professor/ IT

HIGHLIGHTS:

- Number of Journal Publications:15 SCI Publications
- H-Index:10
- Project Funding Received:-Nil
- Patents Published:11
- Patents Granted:05

PROFESSIONAL LINKS:

- Scopus ID : 55445425100
- Scopus Link : <https://www.scopus.com/authid/detail.uri?authorId=55445425100>
- Google Scholar : <https://scholar.google.co.in/citations?user=DkmjFxoAAAAJ&hl=en>
- Anna University Faculty ID: 2122118
- AICTE Faculty ID: 1-1500276918
- Anna University Supervisor ID: 4140168
- LinkedIn: <https://www.linkedin.com/in/dr-g-nalinipriya-b0a285204/>

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 26 Years
- Industrial Experience: 1 Year

INTERNATIONAL EXPOSURE: COUNTRY VISITED

S.No	Country Visited/ Address	Period	Addresses	Purpose	Role in International Visit
1.	Malaysia	25February- 3 March,2025	University of Patronas., Malaysia	Student Immersion Program 2025	Coordinator
2.	Dubai	22 & 23 February,2025	Curtin University., Dubai Campus	ICISAS 2025 Conference	Session Chair
3.	UAE	March18- 25,2024	De Montfort University,Dubai	Advanced Technology in Engineering & Management (ICATEM'24)	Conference Chair

4.	Singapore	15 February 2019	Management Development Institute of Singapore	Advanced Technology in Engineering & Management (ICATEM'19)	Program Chair
5.	Malaysia	19 February 2019	Taylor's School of Engineering., Malaysia.	Advanced Technology in Engineering & Management (ICATEM'19)	Programe Chair
6.	France	23 June -27June 2018	ECE Paris School of Engineering, Paris, France Website: http://www.indiarg.org/icacce Email: icacce.in@gmail.com Tel.: (+33) 01 77 48 70 78	IEEE International Conference on Advances in Computing & Communication Engineering (ICACCE 2018)	Presenter and Participant

INTERNATIONAL EXPOSURE: ACTIVITIES CONDUCTED IN SAVEETHA ENGINEERING COLLEGE

Name of the Activity	Target Audience	Date & Time of the Event	Name of the University	Name of the Resource Person with Contact details
MOU Signing	All Branches of Engineering Students	30 April 2025	Judson University, USA	Dr.Nikki Fennern and Dr.Dana onayemi
Master Class on Cyber security	All Branches of Engineering Students	26 April 2025	Deakin University , Australia	Dr.Gang Li ,Professor.,Department of CSE., Deakin University , Australia
LOI With DADB	All Branches of Engineering Students	2 April 2025	German Universities	Mr.Amith , Country Head., DADB,Germany
Study UK Program	All Branches of Engineering Students	26 March 2025	UK University	Mr.Dominic Fletcher UK

Malaysia Student Immersion Program	All Branches of Engineering Students	25 Feb-3 March 2025	University Of Petronas,Malaysia	Dr.Ramani Kannan ., Associate Professor.,Department of EEE ., University of Petronas,Malaysia
MOU Signing	MOU Signing with University of Fujairah , Dubai	20 Feb 2025	University of Fujairah, Dubai	Dr.Lisa Professor., Department of CSE, University of Fujairah,Dubai
Dubai Destination Expo 2025	All Branches of Engineering Students	10 February 2025	Dubai Universities	Dr.Nithesh Suhani Head-KHDA Dubai

AREA OF SPECIALIZATION:

- Machine Learning
- Cyber Security
- Cloud Computing

Ph.Ds GUIDING in ANNA UNIVERSITY:

- **Full Time Scholars: Nil**
- **Part Time Scholars : 04**

CONSULTANCY PROJECTS:

- Data Science using R Programming Training - 3 Lakhs- 2021-2022
- Java Programming Training and Content Development - 3 Lakhs- 2021-2022
- Python Programming and Training -2 lakhs-2021-2022
- Smart Attendance System using Face Recognition -2 lakhs-2021-2022
- Smart Virtual Assistants for IT Helpdesk Automation -2 lakhs-2022-2023

PATENTS PUBLISHED/GRANTED:

S. No	Title	Type /Year	Application Number	Status
1.	IOT and Machine Learning-Integrated Healthcare Solution for Predictive Medicine	Indian Patent/ 2024	.202441059103 A	Patent Published

2.	Wearable IOT Device for Road User Safety with Machine Learning-based Gesture Recognition	Indian Patent/ 2024	.202441058297 A	Patent Published
3.	IOT Based wearable Medical Monitoring Device	Indian Patent/ 2023	378149-001	Patent Published and Granted
4.	Blockchain Enabled Device for Enhancing Computer Network Safety	Indian Patent/ 2023	381141-00	Patent Published and Granted
5.	A Machine Learning Algorithm for Detecting Driver Drowsiness	Indian Patent/ 2023	202341005615	Patent Published
6.	Noisy Text prediction in large volume clinical data using reinforcement Learning	Australian Patent/2021	2020103756	Patent Published and Granted
7.	Dedicated functional area for leg operated computer interactive device for handless people	Australian Patent/2021	2021101730	Patent Published and Granted
8.	Method for Managing the SAR value,QoS and Energy consumption through network selection scheme for wideband CDMA Networks	Australian Patent/2020	2020102956	Patent Published and Granted
9.	Automated and secured voice-controlled home automation system	Indian Patent/2020	202011013833	Patent Published
10.	Human Touch Sensor based Home theft Tampering System	Indian Patent/2020	202041009389	Patent Published
11.	MRI Tumor Image Retrieval for Supporting Computer Aided Diagnosis	Indian Patent / 2018	201841015904	Patent Published

COURSES CERTIFIED:

- Cloud Computing

- Cryptography and Network security
- Machine Learning
- Artificial Intelligence

ACHIEVEMENTS AND AWARDS:

- **“International Initiation Award”** for Student Immersion Program 2025 to Malaysia
- NAN MUDHALVAN IBM Academic Project Evaluator 2022
- Participated in Final Round of **SMART INDIA HACKATHON 2022** (SIH 2022) at Dy.Patil College of Engineering, Pune, Maharashtra
- Got award for **“Outstanding Contribution in Reviewing”** December 2017 in the Editors of Indian Heart Journal, Elsevier, Amsterdam, The Netherlands.
- Faculty Mentor for TECHAVENGERS Team who won First Runner Up (Rs 1,00,000) **Cash Award** for “Virtual Classroom” Project in Smart city Rajkot **HACKATHON 2017** A National level Programming Festival held on 29&30th July 2017 at Rajkot by Rajkot Municipal Corporation, Gujarat, India
- **Got Best Paper Award** for the Title “ A Dynamic Solution for co resident attack with effective policies in Real Time Cloud Application “in IEEE International Conference on Human Computer Interactions(ICHCI’16).
- **Best Teacher Award** for producing 100% Results and research Paper Publications in the years 2013,2014, 2015, 2016., 2017,2018,2019,2021,2022,2023,2024,2025
- **Best Coordinator Award** for conducting National Level Technical Symposium 2017, DRESTEIN’ – DReam, dESign CompeTE wIN - Inter Collegiate Technical Festival, a three day event of Saveetha Engineering College.
- Professional Member in IEEE, ISTE, ACEEE, IRED, CSTA, IFERP
- International Certified Vedic Maths Trainer
- Participated as a Guest Speaker in Tamil TV Show June 2022
(Ref : <https://youtu.be/mr0-p0ZXakA>)

FUNDS RECEIVED

S.No	Name of the Organization	Amount Received	Role	Purpose
1.	Tamil Virtual University- Kani Tamil Peravai	Rs. 25000	Coordinator for Kani Tamil Peravai	Creating Tamil Software in College Campus
2.	ISTE & NMEICT, IITB, Mumbai	Rs. 1,08,503	Coordinator of the Workshop	Conduct Workshop for Engineering Faculties

SPECIAL SESSIONS DELIVERED:

Delivered Special Lecture Titled “ **Recent Trends, Advances and Research in Big Data Analyticst**” to University of Petronas, Malaysia, Feb 2017

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- ❖ **Session Chair** for the International Conference on Innovation, Sustainability and Applied Sciences (ICISAS) 2025 at Curtin University, Dubai on 23-25 February 2025

❖ **Participant** in Acer Education Summit 2025 at Bangkok ., Thailand on May 7 & 8,2015

PROFESSIONAL MEMBERSHIPS:

- IEEE
- CSTA
- ISTA

OTHER DETAILS (If any):

- ✓ Secured Distinction in **International Engineering Education by IUCEE** (Indo Universal Collaboration Engineering Education) Foundation Spring 2023.
- ✓ Online 30 Days Master Class on Data Science and Analytics from 20.01.2022 to 18.02.2022 **Pan Tech e Learning Pvt Ltd**, Chennai
- ✓ Online Elite Certification on **Cloud Computing** from **NPTEL- SWAYAM**, 2019.
- ✓ Completed **IUCEE International Engineering Educator Certification Program** (Phase I) from Saveetha Teaching Learning Centre,2019.
- ✓ Completed **Business English certificate course** Preliminary from Cambridge English Language Assessment –Part of the University of Cambridge, 2016.
- ✓ Certification on “Cardiac Arrest, Hypothermia and Resuscitation Science” from **Coursera** , Perelman School of Medicine, University of Pennsylvania,2013

FACULTY INTERACTION OUTSIDE OF CAMPUS - RESOURCE PERSON

S.No	Role	Title/Event	Organization	Period
1.	Chief Guest	Project Competition 2025 in student Research Day, March 2025	Sri Venkateswara College of Engineering ,Chennai	28.3.205
2.	Chief Guest	A National Level Technical Symposium 2K24	P.T.LeeChengalvaraya Naicker College of Engineering and Technology,Kanchipuram	28.03.2024
3.	Session Chair	International Conference on Networks, Intelligence and Computing (ICONIC 2023)	Panimalar Engineering College, Chennai	28.04.2023
4.	IEEE Sponsored Faculty Development Program	Scope of Business Analytics	Panimalar Engineering College, Chennai	27.12.22
5.	Institution Innovation Cell ,External Expert	Project Expo	Saveetha Nursing College, Chennai	29.11.22
6.	Guest Speaker	Machine Learning and its Research Perspective	World wide Innovation Network	23.11.22
7.	ISTE and IIC - FDP	Cyber Security	SRM Valliammai	6.6.2022

	Resource Person		Engineering College, Chennai	
8.	ATAL (AICTE Training and Learning) -FDP Resource Person	Cyber security and Block chain	Institute of road and Transport Technology, Erode	26.11.2021
9.	ATAL (AICTE Training and Learning) -FDP Resource Person	Research Proposals and Receiving Grants	National Institute Technology, Nagaland	17.03.2021
10.	First year Induction Program	Human Values in Education	Rajalakshmi Institute of Technology, Chennai	02.03.2021
11.	ATAL (AICTE Training and Learning) -FDP Resource Person	Innovative Teaching-Learning Practices	Velammal Institute of Technology, Chennai	15.02.2021
12.	ATAL (AICTE Training and Learning) -FDP Resource Person	Artificial Intelligence	Vellalar College of Engineering and Technology, Erode	25.08.2020
13.	ATAL (AICTE Training and Learning) -FDP Resource Person	Deep learning Applications and Challenges in Big data Analytics	Vellalar College of Engineering and Technology, Erode	5.10.2020
14.	ATAL (AICTE Training and Learning) -FDP Resource Person	Medical Image Analysis	V.S.B Engineering College, Karur	16.09.2020 07.10.2020 04.11.2020
15.	Guest lecture	Faculty Development Program (Online Mode)	Dr.N.G.P.Institute of Technology, Erode	13.07.2020
16.	Guest lecture	Faculty Development Program (Online Mode)	Panimalar Institute of Technology, Chennai	20.05.2020
17.	Guest Lecture	Tamil Book Review (Online Mode)	SRM Valliammai Engineering College, Chennai	05.05.2020
18.	Chief Guest	National conference on Computer Applications and Communication Systems	BTL Institute of Technology and Management., Bangalore	14 May 2018
19.	Project Judge	Project Expo 2018	Sri Sai Ram Engineering College	20 March 2018
20.	Guest Lecture	Tamil Computing and its Awareness Towards Customization	Shree Shankar LalSundarbaiShasun Jain College for Women	12 August 2017
21.	Guest Lecture	Knowledge Representation using Predicate Logic and Knowledge inference	Sri Sai Ram Institute of Technology	7 March 2017
22.	Guest Lecture	Tamil computing and its	Guru Shree Shantivijai	24 January

		commercial values	Jain College for Women	2017
23.	Guest Lecture	Multicore architecture and Programming	Anna University Sponsored Faculty Development Training Program - Loyola Institute of Technology, Chennai	28 November 2016
24.	Guest Lecture	Mobile Android Application Development	Dr.M.G.R Educational and Research Institute University	1 September 2016
25.	Guest Lecture	Advanced Operating System	Anand Institute of Higher Technology, Chennai	22.2.2013
26.	Guest Lecture	Infosys Campus Connect Training Program	KCG College of Tech, Chennai.	12/03/12 To 21/03 2012
27.	Guest Lecture	Computer Organization and Parallel processing	Shri Andal Alagar College of Engineering, Chennai	09/05/2011.
28.	Guest Lecture	Memory Management Systems	Shri AndalAlagar College of Engineering, Chennai	25 /03/2010
29..	GLITERZ'-07 (A National Level Technical Symposium)	Invited Judge	Paavai Engineering College, Salem	2007