

FACULTY PROFILE

Name of the Staff : S.Dheenathayalan
Official Address with E-mail Id : Assistant Professor,
Department of Computer Science and Engineering,
National Engineering College,
Kovilpatti.
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1. Personal Details

Age : 36
Date of Birth : 08.07.1984
Sex & Marital Status : Male & Married
Citizenship : Indian
Qualification :

Degree	Programme and Specialization	Class /CGPA	Month &Year of Passing	Institute/University
B.E.,	Computer Science and Engineering	First Class	June, 2005	P.S.R Engineering College.
M.E.,	Computer and Communication	First Class	June,2008	National Engineering College.
Ph.d.,	Information and Communication Technology	Registered on Jan 2016	-	Anna University, Chennai.

Date of joining : 16.07.2012
Present status : Assistant Professor
Professional Experience :

Designation	Institution/ Organisation	Period	Nature of Duties
Assistant Professor	Roever Engineering College, Perambalur	06.03.2009 to 13.07.2012	Teaching
Assistant Professor	National Engineering College, Kovilpatti	16.07.2012 to till date	Teaching

Courses taught:

Course Title	U.G. or P.G.
Data Structure, Design and Analysis of Algorithm, Theory of Computation, Computer Networks, Data warehousing and Data Mining, User Interface Design, Computer Organization and Architecture, Fundamental of Computing and Programming, Digital Signal Processing, Green computing, Cloud Computing, M-commerce, Internet and web technologies , Principles of Compiler Design	U.G
Data warehousing and Data Mining, Principles of Compiler Design and Mobile computing	P.G

2. Academic Achievements

2.1 Short term Courses / Seminars / Conference/ Workshops organized:

S.No	Title	Period	venue
1	Indian Association for Research in Computing Science(IARCS) Technically sponsored Instruction Course on “Computational Complexity”	27.09.2013 – 28.09.2013	CSE, Seminar Hall
2	DST-NIMAT-EDII, Sponsored three days Entrepreneurship Awareness Camp (EAC) for final year and third year students. Rs.60,000	29.12.2014 - 31.12.2014	CSE, Seminar Hall
3	DBT- Sponsored two days seminar on “Cloud Computing Solutions for Genomics Analysis” Rs.40,000	09.07.2015 - 10.07.2015	CSE, Seminar Hall
4	INSA Sponsored two days seminar on “Research Avenues in Speckled Computing and Specknets: A Futuristic Pervasive Revolution” Rs.30,000	23.06.2016 - 24.06.2016	CSE, Seminar Hall
5	CIIL Sponsored three days seminar on “Perspectives of Human Computer Interaction in Natural Language Processing” Rs.30,000	05.10.2016 - 07.10.2016	Cisco Lab
6	CIIL Sponsored two days seminar on “ “Research Avenues in Deep Learning for Natural Language Processing” Rs.30,000	14.02.2020- 15.02.2020	CSE, Seminar Hall
7	Organized one day workshop on “Scilab for Teachers” sponsored by IIT Bombay	04.05.2019	Cisco Lab
8	Organized one day workshop on “Assistive Technology” for third year and final year students.	17.08.2019	Cisco Lab

2.2 Short term Courses / Seminars / Conference/ Workshops Attended:

S.No	Title	Period	venue
1.	5 th National Conference on “Application of Emerging Technologies”	24 th & 25 th March 2008	Adhiyamaan College of Engineering
2.	Two days national level seminar on “ Theory of Computation”	August 19 th & 20 th 2011	sudharsan Engg college
3.	Two days workshop on “software Testing methodologies”	1 st & 2 nd October 2010	Anna university of Technology
4.	One day national workshop on “Data mininig- T4 hands on training-weka software”	12 th august 2011	K.Ramakrihnan college of engineering
5.	Five days Mission10x workshop	14 th November to 18 th November 2011	Dr.Navalar Nedunchezhiyan College of Engineering
6.	Seven days workshop on “theory of Computation”	03 rd June to 10 th June 2013	National Engineering College

7.	Two days seminar on “recent Advances in Emerging Trends in Life Science Research in Biocloud-Bioinformatics using Cloud Computing Technologies”	20 th & 21 st September 2013	National Engineering College
8.	Seven days Short Term Training Programme on “High Speed Networks”	09 th June to 16 th June 2014	National Engineering College
9.	Two days 17 th ISTE TN & P Section Annual Convention for faculty members of engineering College-2014	07 th & 08 th November 2014	National Engineering College
10.	3 rd International Conference on Eco-friendly computing and communication systems	18 th December to 20 th December 2014	NITK, Surathkal
11.	Two days instructional workshop on “Formal Methods in Cryptography”	08 th & 09 th January 2015	National Engineering College
12.	One day workshop organized by NPTEL,IITM	13 th March 2015	National Engineering College
13.	Two days “Research Aspirants Meet” in IEEE International Conference on computing technologies and intelligent data engineering	07 th & 08 th January 2016	National Engineering College
14	Attended 8 week NPTEL online courses on “Theory of Computation” & “ Introduction to Research”	July 18, 2016 - September 9, 2016	National Engineering College
15	Attended 8 week NPTEL online courses on “Design and Analysis of Algorithm”	23 January 2017 - 17 March 2017	National Engineering College
16	Attended Seven days national Seminar on “Theory of Computation(CS6503)”	01 June 2017 to 08 June 2017	National Engineering College
17	Attended One day workshop on “ Deep Learning”	29 th July 2017	Mepco Schlenk Engineering College
18	Attended 8 week NPTEL online courses on “Introduction to Cryptology”	July 2017 – August 2017	National Engineering College
19	Attended Two days national level seminar on “Research Trends and Innovations in Vehicular Networking and Intelligent Vehicular Communication”	12 th and 13 th October 2017	National Engineering College

20	Attended five days short term GIAN course on “Algorithmic Foundations of Wireless Sensor Networks with Applications”	10 th December to 14 th December 2017	NITK, Surathkal
21	Attended AICTE approved FDP101x on Foundation Program in ICT for Education conducted by IIIT , Bombay	From 8 th March to 12 th April 2018	National Engineering College.
22	Attended AICTE approved FDP201x on Pedagogy for Online and Blended Teaching-Learning Process conducted by IIIT , Bombay	From 3 rd May to 30 th May 2018	National Engineering College.
23	Attended 12 weeks NPTEL online courses on “Computer networks and Internet protocol”	July 2018 – October 2018	National Engineering College
24	Attended Two Days Instructional Course on “Algorithmic Game Theory” sponsored by IARCS (Indian Association of Research in Computing Sciences)	From 20 th July 2018 to 21 st July 2018	National Engineering College
25	Attended One day workshop on “Effective Mentoring in NPTEL Online Courses”	18 th January 2019	IIT Madras
26	Attended 12 weeks NPTEL online courses on “Introduction to Internet of Things”	January 2019 – April 2019	National Engineering College
27	Attended one day webinar on “Research Outcomes: Technical Paper Writing, Research Proposal, Patent Filing” organized by Data Teach.ai 22.04.2020	22 nd April 2020	
28	Attended Online FDP on “Machine Learning and Artificial Intelligence”	04 th – 06 th May 2020	Andhra Loyola Institute of Engineering & Technology, Vijayawada

2.3 Membership in Professional bodies:

Name of Society	Grade of Membership
Indian Society for Technical Education	Life Member
Member in Institution of Engineers (IE), Kolkatta	Life Member

2.4 Research Achievements

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SCI Journal:

- Published a paper entitled “A comprehensive Approach to Avoid Node Selfishness and Data Redundancy” in Journal of Intelligent & Fuzzy Systems

Scopus Journal:

- M. ManthiraMoorthi, S. Dhinakaran, Y. Aravind, Ms. M. Jayalakshmi, Mr.S.Dheenathayalan “Android Pc Controller”, International Journal of Recent

Technology and Engineering (IJRTE). Vol:8, NO: 5(2020) pp: 843-845.

- B.Vishnupriya, M.Susmitha , S.Valarmathi, S.Dheenathayalan, R.Rajakumari, “Load Detection And Monitoring System”, International Journal Of Scientific & Technology Research Volume 9, Issue 02, February 2020.

International Conference Publications

S.No	Title of the Paper	Name of the Conference	Organizer	Month & Year
1	Identification of Stress from ECG Signal using PNN & HMM Techniques	Science and Innovative Engineering	Jawahar Engineering College	April 2016
2	Secure Key Generation for Cryptography	Emerging Trends in Applications of Computing	Francis Xavier Engineering College	March 2017
3	Game Theoretic modeling and analysis of jamming attack in delay tolerant network	Innovations in Engineering, Science and Technology	Kalasalingam Institute of Technology	February 2019
4	“Performance Analysis of Epidemic and Prophet Routing protocol in DTN”	2nd international conference on Information, Embedded, and Communication Systems(ICIECS 2019)	St. Joseph College of Engineering, Chennai	March 2019.
5	“Smart Body Monitoring System”	10 th international conference on science and innovative engineering	Jawahar Engineering College, Chennai	March 2020

National Conference Publications

S.No	Title of the Paper	Name of the Conference	Organizer	Month & Year
1	A secured password systems using two server authentication	Application of Emerging Technologies	ISTE Chapter Adhiyamaan College of Engineering	March 2008

Book Publications

1. One of the Co-author for “Theory of Computation” book published in yesdee publication, Chennai.
ISBN: 978-93-80381-54-1

Student Funded Projects Guided

1. Institution of Engineers (IE), Kolkatta sponsored funded project entitled on “Intelligent LPG Gas stove based on Internet of Things(IoT)” with a total cost of Rs.20,000/- . (2020)
2. NewGen IEDC, National Engineering College sponsored product entitled “Automatic Floor Cleaning and Mopping Robot” with a total cost of Rs.2,50,000/-(2019)

Consultancy Works

- Completed Consultancy Work to TATA Power SED, Bangalore entitled “Services in the area of Intelligence” with the total cost of Rs.3,60,000/-from January 2018 to September 2018.

Patent Published

- Published a Patent entitled “Automatic Floor Cleaning and Mopping Robot”
- Published a Patent entitled “System and Method for Cardless Transactions using Automated Teller Machine” (Appln.Number:201841010035and C.B.R.No.7570dated 19.03.2018)