



ESTD-2008

NIE INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FACULTY PROFILE

Name of the Faculty	Gowtham M
Designation	Assistant Professor
Contact Number	8088007371
Email ID	gouthamgouda@gmail.com gowtham@nieit.ac.in



Educational Qualification

Degree	Specialization	Year of Passing	University
M.Tech	Computer Networks and Engineering	2014	V.T.U
B.E.	Information Science and Engineering	2011	V.T.U

Work Experience

Teaching	Research	Industry
5	2	0

Publications

National/ International Journals (Nos)	National/ International Conferences(Nos)
05	12

Areas of Interest

Internet of Things	Wireless sensor Networks	Cryptography
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Subjects Taught

ADA	SE	DBMS	CN	DC	DMS
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Experience at NIEIT

Sl. No.	Designation	Period	
		From	To
1	Assistant Professor	July 2019	Till date

Outdoor Experience

Sl. No.	Designation	Organization	Period	
			From	To
1	Assistant Professor	RIT, Hassan	2014	2019

Membership in Professional Bodies/University Bodies/Organizations

NIL

Publication Details

National/ International Journals:

- 1) Gowtham M et al, Asha N et al, "ID Security System In High Traffic For Mobile Adhoc Network Using Acknowledgements" in International Journal of Computer Science and Mobile Computing |Vol.3 Issue.5, May-2014, pg. 1178-1190.
- 2) Gowtham M et al, Ramakrishna M et al "A Novel Security Approach For Communication Using Iot " in International Journal of Engineering and Applied Computer Science| Volume: 02, Issue: 06, ISBN: 978-0-9957075-7-3, June 2017.
- 3) Gowtham M et al "A Review On Biometric Authentication System" in CiiT International Journal of Biometrics and Bioinformatics, Vol 10, No 7, PP 132 – PP 136 July 2018.
- 4) Gowtham M et al "A Survey On Biometric Authentication System: Finger-Vein, Hand Writing, Brain Id, Voice, Retinal" in CiiT International Journal of Biometrics and Bioinformatics, Vol 10, No 7, PP 137 – PP 141 July 2018.
- 5) Gowtham M et al" Secured Authentications System for IoT" in IoE for smart cities: Technologies and Applications, EAI Transactions March-2020. Accepted

National/ International Conferences:

- 1) Gowtham M et al, Ramakrishna M et al, "Intelligent Billboard Using Data Mining Based On IoT" in National conference at Bahubali College of Engineering, Hassan.
- 2) Preetham C et al, Gowtham M et al, Aditya D N et al, "Analysis Of Secure Authentication System Using QR Code" in 4th International Conference of Energy Efficient Technologies for Sustainability(ICEETS-18) at St.Xavier's Catholic College of Engineering, Nagercoil, TamilNadu, India, proceedings published in SSRN-Elsevier.
- 3) Aditya D N et al, Gowtham M et al, Preetham C et al, "An Intruders Attack Towards Each Layer In Wireless Networks" International Conference on Cyber Physical Systems for Next Generation Computing (CPSNGC-2018) published in Journal of Computational and Theoretical Nano science, American Scientific Publisher|Vol. 15, 1–5, 2018 (SCOPUS INDEXED).
- 4) Gowtham M et al, Aditya D N et al, Preetham C et al "Routing Protocols In Manet's: A Survey" in International Conference on Advancements in Computing Technologies (ICACT -2018) published in International Journal on Future Revolution in Computer Science & Communication Engineering| Volume 4, Issue 2, February 2018.
- 5) Gowtham M et al " Analysis Of Bio Inspired Routing Techniques" in Symposium On Networking SON-2018 by Vidyavardhaka College of Engineering, Mysore.
- 6) Kushala et al, Gowtham M et al, "An Energy Efficient Trusted And Secure Routing In Manet's" in 3 rd National conference on Emerging Trends & Advances in Information Technology" at Adichunchanagiri Institute of Technology, chikkamagaluru.
- 7) Preetham C et al, Gowtham M et al, " Mobile Coordinated Wireless Sensor Networks: An Energy Efficient Scheme For Real Time Transmission " in 3rd National conference on Emerging Trends & Advances in Information Technology"atAdichunchanagiri Institute of Technology, chikkamagaluru.
- 8) Gowtham M., Pratish D. T., M. K. Banga, and MallanagoudaPatil, "CL-PKA: Key Management in Dynamic Wireless Sensor Network: A Novel Framework" in 3rd International Conference on Emerging Research in

Electronics, Computer Science and Technology (ICERECT-2018) at P.E.S College of Engineering, Mandya published in Springer-LNEE (SCOPUS INDEXED).

9) Gowtham M., Sharon., Manasa D.K., Raymond Melvin., “Energy Efficient Routing Protocol In Manet’s: A Survey” in 4th IEEE International Conference on Recent Trends on Electronics, Information and Communication Technology (RTEICT-2019) at Sri Venkateshwara College of Engineering, Bengaluru.(SCOPUS INDEXED). [Proceedings yet to be published in IEEE]

10) Gowtham M., Priyanka Y.K., Yashashwini C.B. “Detection and Get Rid of Blockage in a Manhole Pipe Using IoT” in 4th IEEE International Conference on Recent Trends on Electronics, Information and Communication Technology (RTEICT-2019) at Sri Venkateshwara College of Engineering, Bengaluru. (SCOPUS INDEXED). [Proceedings yet to be published in IEEE]

11) Gowtham M., Pramod H B, Vishwas D B. “Availability Analysis of Individuals using IoT ” in First IEEE International Conference on Advances in Information Technology (ICAIT-2019) at Adichunchanagiri Institute of Technology, Chikkamagaluru. (SCOPUS INDEXED)

12) Gowtham M., M. K. Banga, and MallanagoudaPatil, “Secure Internet of Things : Assessing Challenges and Scopes for NextGen Communication” in 2nd IEEE International Conference on Intelligent computing, Instrumentation and Control Technologies (ICICT-2019) at VimalJyothi engineering college, Kerala (SCOPUS INDEXED)-

Faculty Development Programmes / Training Programmes Participated

1)FDP on “Developing Next generation Faculty” at NIE, Mysuru.

Workshops Attended

1) Participated 2 days workshop on “Application Of Linear Algebra” at Malnad College of Engineering, Hassan.

2) Participated National seminar on “Quality Assurance Quality Sustenance In Higher Education Institution” at Government Science College, Hassan.

3) Participated 2 days National Level workshop on “Cisco Networking And Cyber Security” at Rajeev Institute of Technology, Hassan.

FDP/ SDP/ Workshops Organized

1) 4 days National Level workshop on “Ethical Hacking and IoT” at Rajeev Institute of Technology, Hassan.

2) 4 days National Level workshop on “Anroid Application” at Rajeev Institute of Technology, Hassan.

3) 4 days National Level workshop on “Machine Learning” at Rajeev Institute of Technology, Hassan.

4) 6 days SDP on Cryptography,Network Security and IoT at NIEIT, Mysuru.

Invited Lectures

NIL

Institute Level Committee(s)

As a Chairperson

NIL

As a Member

NIL

Additional Responsibilities (if any)

1)College level coordinator for Smart India Hackathon-2020.

Recognition/Achievements/Others

Paper Reviewer: 1 st IEEE International Conference on Intelligent Computing (ICIC-2018) held at Amrita School of Engineering, Bengaluru.

Book Chapters: 1) Chapter titled “Intelligent Transport System” in Cyber-Physical Systems and Industry 4.0, AAP press association with CRC Press, Taylor and Francis Group.

2) Chapter titled “Intrusion Detection and Avoidance for Home and Smart City Automation in IoT” in book IoT: Security and Privacy Paradigm, CRC press, Taylor and Francis Group.

3) Chapter titled” Internet of Things for Smart Grid Applications-I” has been accepted for Elsevier.