


COLLEGE OF ENGINEERING PERUMON
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



FACULTY PROFILE

Name of the Faculty	Dr. Varun Chand H	
Designation	Assistant Professor	
Mobile Number	9037939080	
Email ID	varunchand123@gmail.com	

Qualifications

Degree	Specialization	University	Year
Ph.D	Intelligent Transportation Systems	Vellore Institute of Technology, Vellore	2016-2022
MBA	Human Resource Management	Mahatma Gandhi University, Kottayam	2010-2013
M.Tech	Software Engineering	Karunya Institute of Technology & Science, Coimbatore	2008-2010
B.Tech	Information Technology	Mahatma Gandhi University, Kottayam	2003-2007

Experience

Designation	Institution	Period
Assistant Professor	College of Engineering, Perumon, Kerala, India	14-Aug-2020 onwards
Assistant Professor	College of Engineering Vadakara, Kerala, India	01-Jun-2017 to 13-Aug-2020
Assistant Professor	College of Engineering & Management Punnappra, Kerala, India	06-Jul-2012 to 31-May-2017
Assistant Professor	Indira Gandhi College of Engineering & Technology for Women, Kothamangalam, Kerala, India.	19-Jun-2012 to 05-Jul-2012
Assistant Professor	K R Gouri Amma College of Engineering for Women, Cherthala, Kerala, India.	05-Apr-2010 to 18-Jun-2012
Lecturer	Mount Zion College of Engineering, Pathanamthitta, Kerala, India.	01-Jan-2008 to 30-Jun-2008

Areas of Interest Digital Image Processing, Pattern Recognition, Computer Vision, Machine learning and Deep Learning

Courses Taught

- Data Communication
- Discrete Structures
- Computer Networks
- Graph Theory

	Distributed Computing	
	Operating System	
	C Programming	
	Soft Computing	
	Embedded Systems	
	Knowledge Engineering	
	Software Engineering	
	Digital Image Processing	
	Data Analytics	
	Software Project Management	
	Artificial Intelligence	
Papers Published	Varun Chand H and Karthikeyan J., (2022) “CNN Based Driver Drowsiness Detection System Using Emotion Analysis” on <i>Intelligent Automation and Soft Computing</i> , Volume 31, No. 2, 2022, pp. 717-728. DOI:- https://doi.org/10.32604/iasc.2022.020008	SCIE Indexed, IF: 1.647
	Sijo Joseph., S I Adithyan., Jishnuraj R., Aswin S. and Varun Chand H. , “DRIVER’s EYE: A Behavioural Monitoring System using Deep Learning” on <i>International Journal of Engineering Research and Technology, NCREIS - 2021 Conference Proceedings</i> , Volume 9, No. 13, 2021, pp. 92-98.	
	Varun Chand H and Karthikeyan J., (2021) “Design and Implementation of Parking System Using Feature Extraction and Pattern Recognition Technique” In: Peter J., Fernandes S., Alavi A. (eds) <i>Intelligence in Big Data Technologies—Beyond the Hype. Advances in Intelligent Systems and Computing</i> , Vol 1167, 2021, pp. 389-400. Springer, Singapore. DOI:- https://doi.org/10.1007/978-981-15-5285-4_39	Scopus Indexed
	Varun Chand H and Karthikeyan J., “RFID-GPS based Mechanism using AODVRP for Stolen Vehicle Detection in VANET” on <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , Volume 18, No. 1, April 2020, pp. 396-404. DOI:- http://doi.org/10.11591/ijeecs.v18.i1.pp396-404	Scopus Indexed
	Varun Chand H. , Karthikeyan J and Simy Mary Kurian., “A Review on Localization and Detection of Nodes in VANET” on <i>International Journal of Recent Technology and Engineering</i> , Volume 8, No. 1, May 2019, pp. 1374-1377.	
	Varun Chand H. , Karthikeyan J and Simy Mary Kurian., “A Novel Approach using LoRaWRP for Emergency Vehicle Traffic Management” on <i>International Journal of Advanced Trends in Computer Science and Engineering</i> , Volume 8, No. 3, May-June 2019, pp. 349-353. DOI:- https://doi.org/10.30534/ijatcse/2019/03832019	Scopus Indexed

	<p>Varun Chand H., Binitha V Nair and Simy Mary Kurian., “Privacy preserving MA-CPABE-NMAC scheme in cloud for the Design and Implementation of Captcha” on <i>International Journal of Engineering Science and Research Technology</i>, 2019, Aict-2019, pp.13-17.</p>	UGC Care List
	<p>Varun Chand H and Karthikeyan J., “Survey On The Role Of IoT In Intelligent Transportation System” on <i>Indonesian Journal of Electrical Engineering and Computer Science</i>, Volume 11, No. 3, September 2018, pp.936-941. DOI:- http://doi.org/10.11591/ijeecs.v11.i3.pp936-941</p>	Scopus Indexed
	<p>Varun Chand H and Karthikeyan J., “Recent Survey on Traffic Optimization in Intelligent Transportation System” on <i>Journal of Advanced Research in Dynamical & Control Systems</i>, Volume 15, Special Issue, October 2017, pp.89-100. (Scopus Indexed)</p>	Scopus Indexed
	<p>Blessy A., Varun Chand H and Binitha V Nair., “Design and Implementation of Captcha with Click Point Authentication based on Hard AI Problems” on <i>International Journal of Computer Science & Engineering Technology</i>, Volume 06, Issue 9, September 2015, pp.555-559.</p>	
	<p>Blessy A and Varun Chand H., “Building Secure, Concurrent, Distributed DBaas with Confidential Data over Threshold Access Structure” on <i>International Journal of Engineering and Computer Science</i>, Volume 04, Issue 8, August 2015, pp.13832-13837. DOI:- http://doi.org/10.18535/ijecs/v4i8.39</p>	
Academic Achievements	<p>Received Certificate of Appreciation from Dr. R Bindu, Higher Education Minister for the contribution towards Anti Drug Awareness Campaign “Nooru Koodi Njnangalilekku (Towards 100 crore people)” by short film “Parinamam” held at Jimmy George Indoor stadium, Trivandrum on 27-Oct-2022.</p>	
	<p>Filed an Australian Patent (no. 2021101534) on 28-April-2021 with title “Screw Jack Based Height Adjustable Laptop Table”</p>	
	<p>Best Paper award for the paper “A novel approach using LoRaWRP for Emergency Vehicle Traffic management” presented at International Conference on Computational Intelligence and Digital Technologies (Track-1, Networking) held at Mangalam College of Engineering, Kottayam, Kerala, India on 11th and 12th April 2019.</p>	
	<p>1st Rank holder in KARUNYA UNIVERSITY, India for 1st Semester and 2nd Semester M.Tech Software Engineering, 2008-2010 Batch.</p>	
Other Responsibilities	Tutor for 2020-2024 Batch CS-B	
	Programme Officer for NSS unit-539	
	Electoral Literacy Club Coordinator	
	Time Table committee member	
	NBA Criteria -2 member	