

Biodata

Varun Chand H

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EDUCATIONAL QUALIFICATIONS

Qualification	Board \ University	Year	Institution	Percentage/ CGPA
PhD (Information Technology & Engineering)	Vellore Institute of Technology, Tamil Nadu. (Part Time)	2016 (onwards)	Vellore Institute of Technology, Vellore	Doing
MBA (Human Resource & Management)	Mahatma Gandhi University, Kerala (Regular Week End)	2010-2013	Hi-Tech Institute of Management Studies, Adoor	63.35 %
M. Tech (Software Engineering)	Karunya University, Tamil Nadu	2008-2010	Karunya Institute of Technology and Science, Coimbatore	7.8 CGPA
B. Tech (Information Technology)	Mahatma Gandhi University, Kerala	2003-2007	Adi Sankara Institute of Engineering and Technology, Kalady	66.50 %
Plus Two	Kerala State Board	2003	St:Stephens H.S.S, Pathanapuram	74.33 %
10 th (SSLC)	Kerala State Board	2001	St:Stephens H.S.S, Pathanapuram	75.16 %

WORK EXPERIENCE

Designation	College / Institute Name	Department	Years Of Experience
Assistant Professor	College of Engineering, Perumon, Kollam, Kerala	Computer Science & Engineering	Presently working here
Assistant Professor	College of Engineering, Vadakara, Calicut, Kerala	Information Technology	3 years & 2 months
Assistant Professor	College of Engineering and Management, Punnapra, Alappuzha, Kerala	Information Technology	5 years
Assistant Professor	Indira Gandhi Institute of Engineering & Technology for women, Kothamangalam, Ernakulam, Kerala	Computer Science & Engineering	1 month
Assistant Professor	K.R.Gowri Amma College of Engineering for women, Cherthala, Kerala	Information Technology	2 years & 2 months
Lecturer	Mount Zion College of Engineering, Pathanamthitta, Kerala	Information Technology	5 months

TECHNICAL PROGRAMS ATTENDED

1. Participated in 5-day career course (Webinar) on "**Data Science**" organised by **Department Of Data Science, Loyola College**, Chennai from 13 June 2020 to 17 June 2020.
2. Participated in Webinar on "**Research Article Writing and Publishing in Good Impact Journal**" organised by Institute for Engineering Research and Publication (**IFERP**) on 13 June 2020.
3. Attended an Online Training Session on "**How to Publish with Oxford Journals**" organised by Oxford University Press on 3 June 2020.
4. Participated in Webinar on "**Discover Emerald Journals for your Research**" organised by **Emerald Publishing and INFLIBNET** on 2 June 2020.
5. Participated in an **Online Workshop** on "**Scientific Writing for Journals**" organized by **Springer Nature** on 15 May 2020.

6. Attended 6 days **TEQIP II** sponsored **FDP** on “**Design of Experiments for Engineers**” at **College of Engineering, Perumon, Kerala** from 10-02-2020 to 15-02-2020.
7. Attended 6 days **TEQIP II** sponsored **FDP** on “**Biomedical Instrumentation and Signal Processing**” at **TKM College of Engineering, Kollam, Kerala** from 06-01-2020 to 11-01-2020.
8. Attended 5 days **ATAL** sponsored **FDP** on “**Tools and Techniques for Data Science**” at **College of Engineering, Attingal, Kerala** from 09-12-2019 to 13-12-2019.
9. Attended 3 days **KTU** sponsored **FDP** on “**Computer Vision and Machine Learning**” at **College of Engineering, Perumon, Kerala** from 24-07-2019 to 26-07-2019.
10. Attended 6 days **AICTE** sponsored **FDP** on “**Introductory Course on Machine Learning**” at **TKM College of Engineering, Kollam, Kerala** from 21-01-2019 to 26-01-2019.
11. Attended 6 days **AICTE** sponsored **FDP** on “**Optimization Techniques and its Applications**” at **TKM College of Engineering, Kollam, Kerala** from 31-12-2018 to 05-01-2019.
12. Attended 5 days **KTU** sponsored **FDP** on “**Advances in Machine Learning and Deep Learning**” at **Rajadhani Institute Engineering and Technology, Attingal, Trivandrum, Kerala** from 17-12-2018 to 21-12-2018.
13. Attended 9 days **AICTE-NPTEL** Online **FDP** Course on “**Introduction to Internet of Things**” with a consolidated score of **85%** [A 12 week online course conducted by **IIT Kharagpur** from August to November 2018].
14. Attended 3 days **TEQIP** phase II sponsored **FDP** on “**Outcome based NBA Accreditation with Emphasis on how to prepare SAR**” at **College of Engineering, Perumon, Kerala** from 11-01-2018 to 13-01-2018.
15. Attended 5 days **DTE** sponsored **FDP** on “**Algorithms in Machine Learning**” at **College of Engineering, Trivandrum, Kerala** from 18-12-2017 to 22-12-2017.
16. Attended 7 days **TEQIP** phase II sponsored **FDP** on “**Soft Computing Techniques for Engineering Applications**” at **College of Engineering, Kidangoor, Kerala** from 05-01-2017 to 11-01-2017.
17. Attended 3 days **TEQIP** phase II sponsored **FDP** on “**Application Development using Java**” at **TKM College of Engineering, Kollam, Kerala** from 27-11-2013 to 29-11-2013.
18. Attended 2 days **TEQIP** phase II sponsored **Invited Lecture** on “**Algorithm Design Techniques**” at **TKM College of Engineering, Kollam, Kerala** on 8th and 9th November 2013.

19. Attended 3 days **TEQIP** phase II sponsored **FDP** on “**Web Technologies**” at **College of Engineering, Perumon, Kerala** from 18-06-2013 to 20-06-2013.
20. Attended 5 days workshop on “**Cyber Security**” at **Indian Institute of Information Technology and Management, Kerala** from 18-12-2012 to 22-12-2012.
21. Attended 6 days **TEQIP** phase II sponsored **ISTE** workshop on “**J2EE MVC Framework**” at **College of Engineering, Kidangoor, Kerala** from 26-11-2012 to 01-12-2012.

CONFERENCES ATTENDED

1. Attended an "**International Virtual Conference on Data Science - A Future of Digital Transformation**" held at Vellore Institute of Technology, Vellore, Tamil Nadu on 29th & 30th June 2020.
2. Attended an "**International Virtual Conference on Electric Mobility 2020**" held at Vellore Institute of Technology, Vellore, Tamil Nadu on 25th June 2020.
3. Attended and Presented a paper titled “**Design and Implementation of Parking System Using Feature Extraction and Pattern Recognition Technique**” at “**3rd International Conference on Big Data and Cloud Computing**” held at Karunya University, Coimbatore, Tamil Nadu on 6th and 7th December 2019.
4. Attended and Presented a paper titled “**A novel approach using LoRaWRP for Emergency Vehicle Traffic management**” at “**International Conference on Computational Intelligence and Digital Technologies**” held at Mangalam College of Engineering, Kottayam, Kerala on 11th and 12th April 2019.
5. Attended and Presented a paper titled “**Privacy Preserving MA-CPABE-NMAC scheme in cloud for the design and implementation of captcha**” at “**3rd National Conference on Advances in Informatics and Computing Technologies**” held at **College of Engineering, Perumon, Kerala** on 29th and 30th March 2019.
6. Attended an “**International Conference on Technology Enhanced Education**” held at **Amrita University, Kollam, Kerala** from 03-01-2012 to 05-01-2012.
7. Attended and Presented a paper titled “**A mixed Convex/nonconvex Approach for Localization**” at “**2nd International Conference on Intelligent Science and Technology**” held at **Sun Engineering College, Kanyakumari, Tamil Nadu** on 18th and 19th March 2010.

ACHIEVEMENTS, ACADEMIC & OTHER RESPONSIBILITIES HELD

- Nodal officer for AISHE portal, College of Engineering, Vadakara for 2 years (2018-2019 & 2019-2020 academic year).
- 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 on 11th and 12th April 2019.
- Deputed as Presiding Officer at Punnapra South, Ambalappuzha Constituency, Kerala for conducting Panchayath Election held on 05th Nov 2015.
- Deputed as Presiding Officer at Mavelikkara Constituency, Kerala for conducting Parliamentary Election held on 10th April 2014.
- Exam Co-ordinator for the University Examination Cell, College of Engineering and Management, Punnapra for 3 years (2013-2014, 2014-2015 and 2015-2016 academic year).
- Exam Convener for the Internal Examination Cell, College of Engineering and Management, Punnapra for 2 years (2014-2015 and 2015-2016 academic year).
- 1st Rank holder in KARUNYA UNIVERSITY for 1st Semester and 2nd Semester M.Tech Software Engineering, 2008-2010 Batch.

Invited Talks

- Resource person for Online Webinar on topic “Emerging Technologies in Big Data and Hadoop” at Sree Ayyappa College, Eramallikara, Chengannur, Alappuzha on 13-08-2020.
- Resource person for invited lecture on topic “Introduction to Big Data and Hadoop” at College of Engineering, Perumon, Kerala on 17-02-2017.
- Resource person for invited lecture on topic “Discrete Structures” at College of Engineering, Perumon, Kerala on 14-11-2016.

PAPERS / BOOK CHAPTERS PUBLISHED

1. Varun Chand H., Karthikeyan J., (2021) “**Design and Implementation of Parking System Using Feature Extraction and Pattern Recognition Technique**” In: Peter J., Fernandes S., Alavi A. (eds) *Intelligence in Big Data Technologies—Beyond the Hype. Advances in Intelligent Systems and Computing*, Vol 1167, pp. 389-400. Springer, Singapore. DOI:- https://doi.org/10.1007/978-981-15-5285-4_39 (Scopus Indexed).
2. Varun Chand H., Karthikeyan J., “**RFID-GPS based Mechanism using AODVRP for Stolen Vehicle Detection in VANET**” on *Indonesian Journal of Electrical Engineering and Computer Science*, Volume 18, No. 1, April

- 2020, pp. 396-404. DOI:- <http://doi.org/10.11591/ijeecs.v18.i1.pp396-404> (Scopus Indexed)
3. Varun Chand H., Karthikeyan J., Simy Mary Kurian., “**A Review on Localization and Detection of Nodes in VANET**” on *International Journal of Recent Technology and Engineering*, Volume 8, No. 1, May 2019, pp. 1374-1377. (Scopus Indexed)
 4. Varun Chand H., Karthikeyan J., Simy Mary Kurian., “**A Novel Approach using LoRaWRP for Emergency Vehicle Traffic Management**” on *International Journal of Advanced Trends in Computer Science and Engineering*, Volume 8, No. 3, May-June 2019, pp. 349-353. DOI:- <https://doi.org/10.30534/ijatcse/2019/03832019> (Scopus Indexed)
 5. Varun Chand H., Binitha V Nair., Simy Mary Kurian., “**Privacy preserving MA-CPABE-NMAC scheme in cloud for the Design and Implementation of Captcha**” on *International Journal of Engineering Science and Research Technology*, 2019, Aict-2019, pp.13-17.
 6. Varun Chand H., Karthikeyan J., “**Survey On The Role Of IoT In Intelligent Transportation System**” on *Indonesian Journal of Electrical Engineering and Computer Science*, Volume 11, No. 3, September 2018, pp.936-941. DOI:- <http://doi.org/10.11591/ijeecs.v11.i3.pp936-941> (Scopus Indexed)
 7. Varun Chand H., Karthikeyan J., “**Recent Survey on Traffic Optimization in Intelligent Transportation System**” on *Journal of Advanced Research in Dynamical & Control Systems*, Volume 15 Special Issue, October 2017, pp.89-100. (Scopus Indexed)
 8. Blessy A., Varun Chand H., Binitha V Nair., “**Design and Implementation of Captcha with Click Point Authentication based on Hard AI Problems**” on *International Journal of Computer Science & Engineering Technology*, Volume 06 Issue 9 September 2015, pp.555-559.
 9. Blessy A., Varun Chand H., “**Building Secure, Concurrent, Distributed DBaas with Confidential Data over Threshold Access Structure**” on *International Journal of Engineering and Computer Science*, Volume 04 Issue 8 August 2015, pp.13832-13837.

Online Courses Attended

Course Name	Offering Platform	Institution/ Course offered	Duration	Year	Percentage/ Score
AI for Everyone	Coursera	deeplearning.ai	4 Week	May- Jun 2020	93.1%
Introduction to Internet of Things	NPTEL	IIT Kharagpur	12 Week	Aug - Nov 2018	85 %
Introduction to Internet of Things	Stanford University Website	Stanford University	8 Week	May- Jun 2018	S Grade
Research Writing	NPTEL	IIT Kharagpur	4 Week	Feb - Mar 2018	77 %
Graph Theory	NPTEL	IIT Madras	8 Week	Aug - Oct 2017	82 %

PERSONAL PROFILE

Name: Varun Chand H
Date of Birth: 30-11-1985
Sex: Male
Marital Status: Married
Father's name: S.Hemachandran
Languages Known: English, Hindi, Malayalam and Tamil
Nationality: Indian
Permanent Address: Thejus, Kallumkadavu,
Pathanapuram.P.O, Kollam. Kerala.
India, Pin: 689695

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date : 17- 08- 2020
Place: Kollam, Kerala



Varun Chand H