


CENTRAL UNIVERSITY OF JAMMU

FACULTY PROFILE PERFORMA

Name	Gaurav Thakur	
Title & Designation	Assistant Professor Department of Computer Science & Engineering, Central University of Jammu. Rahya-Suchani (Bagla), District Samba, Pincode – 181 143, Jammu & Kashmir (J&K), India	
Residence Address	Village Mohari, Post Office Shoghi, Tehsil & District Shimla, Himachal Pradesh-171219	
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Educational Qualifications:		
Degree	Institution	Year
Ph.D.	Central University of Himachal Pradesh, Shahpur-Parisar, Himachal Pradesh	Pursuing
M.E.	Thapar University, Patiala, Punjab	2022
B.Tech.	VIT University, Vellore, Tamil Nadu	2019
Areas of Interest / Specialization:		
Cyber Security, Cryptography, Artificial Intelligence, Machine Learning, Deep Learning		
Subjects Taught:		
<ul style="list-style-type: none">• Cyber Security• Operating Systems• Basic Computer Fundamentals• C-Language• Python• Computer Networks		

Publications Profile:

Research Papers in Journals

1. Gaurav Thakur, Pradeep Chouksey, Mayank Chopra "YOLO P-House: An AI based Polyhouse", International Journal of Agriculture Innovations and Research (IJAIR), Volume 11, Issue 6, ISSN (Online) 2319-1473, Impact Factor 1.126, pg 124-129, April 2023. **[UGC APPROVED]**.
2. Gaurav Thakur, Deepak Gupta "Twitter Sentiment Analysis on Demonetization in India", International Journal of All Research Education and Scientific Methods (IJARESM), Volume 10, Issue 4, ISSN 2455-6211, Impact Factor 7.429, pg 2827-2832, April 2022. **[UGC APPROVED]**.
3. Gaurav Thakur "Traffic Density Analysis", International Journal of Advance Research, Ideas and Innovations in Technology (IJARIIT), Volume 8, Issue 4 - V8I4-1173, ISSN 2454-132X, Impact Factor 6.078 pg 77-80, 2022. **[UGC APPROVED]**.
4. Gaurav Thakur "Resource demand prediction for minimizing power consumption at data centers", International Journal of Advance Research, Ideas and Innovations in Technology (IJARIIT), (Volume 8, Issue 3 - V8I3-1459, ISSN 2454-132X, Impact Factor 6.078 pg 709-713, 2022. **[UGC APPROVED]**.

Experience:

1. Research Associate- Junior Research Fellow (JRF): DRDO sponsored research project: "Design and Development of Testbed and Vulnerability Analysis Framework for Cyber Physical Systems" at Central University of Jammu. (Principal Investigator: Dr. Yashwant Singh) [11/07/2022 - 31/12/2022]
2. Student Intern: "R&D- HDM (Home Device Manager)"- Worked on SonarQube, Development and QA activities. (Supervisor: Yuri Tchekansky) (Project Manager: Jayaraj Thulaseedharan) at Nokia Solutions and Networks India Pvt. Ltd. [07/07/2021 - 03/06/2022]
3. Cyber Security Intern- "Cyber Security (IAM): SailPoint IdentityIQ"- Worked on identity access management using SailPoint (Supervisor: C N G Premanand) (Project Manager: Santhi Kaza) at Cognizant Technology Solutions. [17/01/2019 - 26/06/2019]
4. Summer Intern- Worked on Core Java and completed a project on the topic "Online Quiz" (Supervisor: Prof. Shalini Sharma) at CS Infotech Soft Solutions, Chandigarh. [20/05/2018 - 06/06/2018]

Projects:

1. AES, RSA File transfer using Tor browser: Cyber Security: Implemented AES, RSA File transfer using Tor browser (Supervisor: Prof. T.M Navamani)
2. Real time object detection using YOLO: Machine Learning: Implemented real time object detection using YOLO. (Supervisor: Prof. Manoov R)
3. Human emotion detection and recognition: Human Computer Interaction: Implemented human emotion detection and recognition using python. (Supervisor: Prof. T.M Navamani)
4. Tournament management system: Database Management System: Implemented Tournament management system using mysql, php. (Supervisor: Prof. Satish C.J)

Workshops/Trainings/Certifications:

1. Cryptography, University of Maryland, College Park (Coursera). [Verify at coursera.org/verify/PVH24LP4C3RF]
2. Machine Learning by Stanford University (Coursera). [Verify at coursera.org/verify/LZFWZXJM48XR]
3. Mathematics for Machine Learning: Linear Algebra, Imperial College London (Coursera). [Verify at coursera.org/verify/AB96Q9HXPMAS]
4. Corporate & Commercial Laws (Coursera). [Verify at coursera.org/verify/RAMXTYMLW9GP]
5. Microeconomics: The Power of Markets, University of Pennsylvania (Coursera). [Verify at coursera.org/verify/WFEFX697K526]
6. Create an eCommerce Website Using Laravel (PHP & MySQL) (Udemy). [Verify at <https://www.udemy.com/certificate/UC-ISX9WXEE/>]
7. Trainee- Learnt Core Java at National Institute of Electronics and Information Technology. [02/06/2017 - 3/07/2017]
8. One week FDP/Workshop on Recent Trends in Security: IOT, Blockchain and Cyber Security at Department of Computer Science & Information Technology, Central University of Jammu. [19/09/2022 – 23/09/2022]

01-08-2023

Gaurav Thakur