



# News Letter

## 2020-21

**DEPARTMENT OF  
COMPUTER SCIENCE  
AND ENGINEERING**

# COMPUTER CLUB

1. Roadmap to GSOC: An event that gave participants a solid understanding of the Google Summer of Code (Google Summer of Code).
2. ML-AI workshop: An immersive learning experience with hands on training on AI-ML personal guidance of industry experts



3. Orientation: Interaction with CSE 1 year.



4. Codiction 2.0: 2nd edition of global level coding contest.
5. Bootcamp: A C programming bootcamp organized for first year students.

4. Dsa bootcamp: Creator's Garage in collaboration with Computer Club brought bootcamp on "Data Structures and Algorithms".



5. Hackitout: Hackitout was the first community led hackathon in Madhya Pradesh. It was a 48 hours long contest held from 15-17 October, where teams developed a prototype based on their innovative ideas.



# LIST OF PAPERS PUBLISHED

S. No.	Name of Author(s)	Title of Paper	Name of Journal	Volume & Issue	Pages	Month/Year of Publication	Indexing SCI/S copus
1	Surendra Gupta, Arjit Mishra, Swarnim Soni	Designing Information System for Private Network using RBAC, FGAC and Micro service Architecture	International Journal of Engineering and Advanced Technology (IJEAT)	Volume-10 Issue-4	195-200	April-21	Scopus
2	Vandan Tewari, Neha Mehra, Himanshi Agrawal	Protein classification Under Varying Feature Extraction Method	INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN MULTIDISCIPLINARY FIELD	Volume-6 Issue-4	5	April 2020	UGC Approved Journal UGC – CARE list no. 47793
3	Vandan Tewari, Neha Mehra, Himanshi Agrawal	Implementation of Protein Sequence Classification family using Ensemble Learning	International Journal of Emerging Trends in Engineering Research	Volume-9 Issue-4	5	April 2021	

S. No.	Name of Author(s)	Title of Paper	Name of Journal	Volume & Issue	Pages	Month/Year of Publication	Indexing SCI/S copus
4	Neha Mehra, Preeti Khare, Agrima Jain	A Survey on Pneumonia Detection Methods Using Computer-aided Diagnosis	International Journal of Emerging Trends in Engineering Research	Volume-9 Issue-7	5	April 2021	
5	Vandan Tewari, Nikita Kumble	Cure Clustering Algorithm and Its Various Implementations(149-153)	INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN MULTIDISCIPLINARY FIELD	Volume - 6, Issue - 4	5	July 2021	UGC Approved Journal UGC – CARE list no. 47793
6	Vandan Tewari, Nikita Kumble	Improved CURE Clustering Algorithm using Shared Nearest Neighbor Technique	International Journal of Emerging Trends in Engineering Research	Volume9, Issue -2	5	Feb 2021	
7	Vandan Tewari, Preeti Khare, Mihir Bhawsar	A Survey of Weather Forecasting based on Machine Learning and Deep Learning Techniques	International Journal of Emerging Trends in Engineering Research	Volume9, Issue -7	5	July 2021	

S. No.	Name of Author(s)	Title of Paper	Name of Journal	Volume & Issue	Pages	Month/Year of Publication	Indexing SCI/S copus
8	Priyanka Katare, Prof. PK Chande, Priyanka Bamne	Diabetes Management System using Machine Learning	International Journal of Emerging Trends in Engineering Research	Volume-9	5	May 2021	
9	Kimi Vyas, Prof. P.K. Chande, Ms. Priyanaka Bamne	DiaM- Integrated Mobile-Based Diabetes Management	International Journal of Emerging Trends in Engineering Research	Volume 9, No 4	9	April 2021	



# BOOKS/BOOK CHAPTERS PUBLISHED

S. No.	Name of Author(s)	Title of Book Chapter/eBook Published	Publisher	ISBN/EISBN	Year of Publication
1	Soma Saha, and B. Mazumdar	Machine Learning Methods for Hardware Security	CRC Press	Accepted	2021

# PRESENTED/PUBLISHED IN CONFERENCES

S. No.	Name of Author(s)	Title of Paper	Name of Conference	Venue	Month and Year
1	Surendra Gupta, Urjita Thakar, and Sanjiv Tokekar	Similarity Distance based Kernel Canonical Correlation Analysis for Multiview Data Representation	2nd International Conference on Data Science and Applications (ICDSA 2021), Jadavpur University, Kolkata, West Bengal	Jadavpur University	April 10, 2021
2	Surendra Gupta, Urjita Thakar, and Sanjiv Tokekar	Canonical correlation analysis with Bhattacharya similarity distance for multiview data representation	10th International Conference on Soft Computing for Problem Solving (SocProS 2020), IIT Indore	IIT Indore	20-Dec-21
3	Rajat Mahajan, Anuradha Purohit	Text Summarization for Information of Famous Indian Historical Monuments	10th International Conference on Soft Computing for Problem Solving (SocProS 2020), IIT Indore	IIT Indore	20-Dec-21

S. No.	Name of Author(s)	Title of Paper	Name of Conference	Venue	Month and Year
4	Yamini Barge, Lalit Purohit, and Soma Saha	A Skyline Based Technique for Web Service Selection	Proceedings of the Fourth International Conference on Smart Computing and Informatics, Volume 2, Spinger, Smart Computing Techniques and Applications	Vasavi College of Engineering, Hyderabad, India, 9-10 October 2020	2021



# INVOLVEMENT OF FACULTY AS REVIEWERS OF JOURNALS/ CONFERENCES

S. No.	Name of Faculty	Name of Journal/Conference	Publishers	Number of papers reviewed
1	Surendra Gupta	Soft Computing for Problem Solving - SocProS 2020	Springer	4
2	Anuradha Purohit	Soft Computing for Problem Solving - SocProS 2020	Springer	5
3	Rajat Mahajan, Anuradha Purohit	Soft Computing for Problem Solving - SocProS 2020	Springer	5