



Centre/School/Special Centre: School of Mathematical and Computational Science

Department: Computer Science and Information Technology

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Dr. Amit Kumar Chandanan

Assistant Professor

Qualifications: B.E. (CSE), M. Tech. (IT-AI), Ph.D. (Computer Science)

Area of Interest/Specialization: Machine Learning, Data Science, Data Mining.

Experience: 18 Years

Awards and Honors:

1. Received “Best paper presentation” award at 14th International Conference on “Global Advancement in Engineering management, pharmacy science, and humanities”, held at Mathura Devi Group of Institute, Indore, MP, January 19-20, 2019.
2. Received an award “International Award for Teacher with Huge Potential” at the 9th International Conference on “Innovative Research in Technology, Pharmacy, Management, Science & Humanities” held at Lakshmi Narayan College of Technology & Science, Indore, March 10-12, 2018.

Research Projects: NA

International Collaboration/Consultancy: NA

Best Peer-Reviewed Publication (up to 10):

1. (2018), A K Chandanan,” Implementation On Association Rule Mining Using Modified BPSO in Matlab”, International Journal Of Pure And Applied Mathematics, Volume 119 No. 18, 115-124, ISSN: 1314-3395 (On-Line Version), **(Scopus Indexed)**.
2. (2017) A K Chandanan, “A Concept Of Digital Image Processing”, Accent Journal Of Economics Ecology & Engineering, July 2017, Issn: 2456-1037 **(UGC Approved: 48767)**
3. (2018) A K Chandanan, “Implementation On Association Rule Mining Using Modified Bpso In Matlab”, International Journal Of Pure And Applied Mathematics (Ijcam), Academic Publications, July 2018, Issn :1314-3395.
4. (2018) A K Chandanan, “A Study On Data Mining Classification Techniques”, International Journal Of Innovation In Engineering Research & Management, February 2018, Issn: 2348-4918
5. (2017) A K Chandanan, Kavita, M K Shukla, “Association Rule Mining Using Modified Bpso” International Journal Of Computer Science Engineering And Information Technology Research (IJCSEITR), ISSN(P): 2249-6831; ISSN(E): 2249-7943 Vol. 7, Issue 2, Apr 2017, 29-36
6. (2017) A K Chandanan, “A Concept Of Digital Image Processing”, Accent Journal Of Economics Ecology & Engineering, July 2017, Issn: 2456-1037
7. (2015) A K Chandanan “Data Mining Based Applications For New Aspect Of Software Era” Energy Resource Environmental and Sustainable Management, ISSN: 1478-7539, Page 102-108, Vol. 11, No. 4 (2015): Issue 4, December 2015 **(UGC CARE Listed Journal)**.
8. (2015) A K Chandanan, M K Shukla,” Removal Of Duplicate Rules For Association Rule Mining From Multilevel Dataset” International Conference On Advanced Computing Technologies And Applications (Icacta-2015), Procedia Computer Science00 (201 5) 000–000(Science Direct, Published By Elsevier B.V).
9. (2013) A K Chandanan, M K Shukla “Data Mining For Qualitative Dataset Using Association Rules: A Review” International Journal Of Advanced Research In Computer Science And Electronics Engineering Volume 2, Issue 2, February 2013, Issn: 2277 – 9043, Page 231-238.
10. (2011) A K Chandanan “Implementation And Research On Spatial Data Mining” Energy Resource Environmental and Sustainable Management, ISSN:1478-7539, Page 75-83, Vol. 7, No. 1 (2011): Issue 1, March 2011

Recent Books/Book Chapters/Monographs etc.:

1. Concept of Artificial Intelligence, ISBN No: 978-93-89522-50-1, 2020

2. Book title – Concept of Artificial intelligence, ISBN No: 978-93-89522-50-1, CH-01, PP-01-06 Title of Chapter -Theoretical Study on Mobile Nail Diseases Detection Technique, 2020
3. Book title – Concept of Artificial intelligence, ISBN No: 978-93-89522-50-1, CH-01, PP-01-06 Title of Chapter -Theoretical Study on Mobile Nail Diseases Detection Technique, 2020
4. Computer Science Engineering, ISBN/ISSN NO: 978-93-87739-42-8, 2018
5. Literature on Operating System, ISBN/ISSN NO: 978-93-87739-49-9,2018
6. Importance of Data Structure in Computer Science Engineering, ISBN/ISSN NO: 978-93-87739-51-2,2018

Research Supervision: 01 (Pursuing)

Administrative Responsibilities:

1. Recruitment Coordinator
2. Module Coordinator SAMARTH (07 Modules)
3. Member of Admission Brochure 2022-23
4. Department Ph.D. Coordinator 2022-23
5. Coordinator, NAAC face lifting
6. Coordinator, IUMS at CSIT
7. Member of Scrutiny Committee CAS
8. Member of Scrutiny Committee DSW
9. Member Technical Committee National Science Day 2022
10. Member Computer Repairing
11. Member NAAC SSR verification link
12. Technical Committee for Admission 2021-22

Additional Information:

1. Delivered Invited talk on various Institutions.
2. Member of Various Editor boards
3. Member of professional bodies-CSI, ISTE, AENGG,
4. Coordinator National Seminar on Recent Trends in AI, 31 March 2019.
5. 9th International Conference, LNCT College, Indore M.P. India, 10-12 March 2018
6. National Conference, D. P. Chaturvedi Arts, Commerce & Science, Seoni (M.P.) India, 15-16 March 2015
7. 4th International Conference, GGS Indraprastha Dwarka, India, 16-17 Feb 2014

8. 4th International Conference, Poorvar Island Resorts, Trivandrum, Kerala, India, 10-11 April 2014
9. 1st International Conference, Sage University Indore, 29-30 Sept 2018
10. 14th International Conference, MDGI Indore, MP, 19-20 Jan 2019 (Best Paper Award)
11. 13th International Conference, OMKIR Kota, 23-24 Feb 2019
12. 17th International Conference, BTIRT Sagar, 25-26 May 2019
13. International Conference Co-Convener
14. Session Co-chair
15. Secretary CSI Jabalpur Chapter

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