



Dr. Ajitesh Singh Baghel

Educator

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EXPERIENCE:

Consecutive 15 Years' of work experience;

- ✓ Lecturer
04th August-2008 to Till Continued;
Department of Computer Science,
Awdhesh Pratap Singh University-Rewa (M.P.) India
- ✓ Lecturer
10th July 2007 to 10th June-2008;
Tirthankar Anglo-Vedic Institute of Technical Education College, (M.P.) India

EDUCATION:

- ✓ **Doctorate in Computer Science** (Awarded: 09/09/2016);
Title: "Development of Algorithm for Asynchronous Network of Processors for Parallel and Distributed Systems"
From: Department of Computer Science, A. P. S. University-Rewa (M.P.) INDIA.
- ✓ **Master of Computer Application with** (72.22%) in Jul.2004-Jun.2007;
From: Rajiv Gandhi Technical University-Bhopal (M.P.) INDIA.
- ✓ **Bachelor of Science with** (54.16%) in Jul.2001-Jun.2004;
From: Model Science College (Autonomous)-Rewa (M.P.) INDIA.
- ✓ **Higher Secondary with** (58.89%) in June.2001;
From: Board of Secondary Education - Bhopal (M.P.) INDIA.
- ✓ **High School with** (70%) in June.1999;
From: Board of Secondary Education - Bhopal (M.P.) INDIA.

CERTIFICATION:

- ✓ Certificate under "Jetking Certified Cisco Routing And Switching (CCNA)" from 26/06/19 to 26/07/19.

EXPERTISE:

Computer Science Theory and Methods

- ✓ Interconnection Network
- ✓ IOTs

MEMBERSHIPS:

- ✓ In the Editorial Board (Year 2022) of "Edwin Group of Journals" in India.
- ✓ In the Editorial Board (Year 2017) of "International Journal of Scientific Research in Computer Science, Engineering and Information Technology" in India.
- ✓ In the Editorial Board (Year 2016) of "Ignited Minds Professional and Academic Research Consortium (IMPARC)" of India.

Tuesday, April 04, 2023

COURSE COORDINATOR:

- ✓ As a course creator in “**Refresher Course - Computer Science**” organized by Edwin Online School of Learning ([Registration no; EDWIN-003736523309](#))

RESOURCE PERSON:

- ✓ In the International Conference on "AATM NIRBHAR BHARAT" held from 25-27 March 2022.

FDP'S:

- ✓ Sponsored by **NSTEDB, Department of Science & Technology, Govt. of INDIA, (New Delhi)** organized from 29th December 2016 to 09th January 2017.

PATENTS: (National-02)

1. Publication Date: 13/05/2022
Application No: 202221028320
Invention Title: An Automated System to Decide About the Price of Products Listed on Ecommerce Site for Efficient Financial Management.
2. Publication Date: 09/10/2020
Application No: 202041042841
Invention Title: Automatic Fault Analysis Management in Industries Using GSM Technology and Internet of Things.

PUBLICATIONS:

2021;

1. Baghel A. S. and Singh M., “Node Set Optimization Problem For Interconnection Network”, **Anvesak (UGC Care) Journal**, Vol-51, No.1 (VI), January-June 2021, ISSN: 0378-4568.
2. Baghel A. S. and Singh M., “Study of Josephus Cube as an Interconnection Network”, **A Journal of the History of Ideas & Culture (UGC Care)**, Vol-38, No.3 2021-2022, ISSN: 0377-743-X.
3. Baghel A. S., “Parallel Processor and Graphs with Hybrid Multi-Core Algorithm”, **(UGC Care) Journal of the Maharaja Sayajirao University of Baroda**, Volume-55, No.1 (X) 2021, ISSN: 0025-0422.
4. Baghel A. S., “Real-Time Garbage Collector for Distributed Systems”, **(UGC Care Grade-I) Sambodhi Journal**, Vol-44 No.-03 (V) January-March (2021), ISSN: 2249-6661.

2020;

5. Baghel A. S., Bano S., and Singh A.K., “Cache Memory Performance for Multi-Core Processors Improved”, **(UGC Care Grade-I) Sambodhi Journal**, Vol-43 No.-03 (V) July-September (2020), ISSN: 2249-6661.
6. Baghel A. S., “Distributed Heterogeneous Computing Systems for Task Scheduling Algorithms”, **(UGC Care) Journal of the Maharaja Sayajirao University of Baroda**, Vol-54, No.2 (XI) 2020, ISSN: 0025-0422.
7. Baghel A. S., Bano S., “Parallel Processing Computer using Memory Architecture”, **(UGC Care Grade-I) Sambodhi Journal**, Vol-43 No.-04 (I) October-December (2020), ISSN: 2249-6661.

2019;

8. Baghel A. S., Gupta M. K., "Morphology of Network", Research Review Journals, Vol-04, ISSUE-05, May-2019, ISSN: 2455-3085 (Online).

2018;

9. Pandey A., Baghel A. S., and Katare R.K., "TBCSM-An Algorithmic Approach for Consecutive Access Pattern", Remarking An Analyzing, VOL-3, ISSUE-7, October- 2018, ISSN: 2455-0817.

10. Pandey A., Katare R. K., and Baghel A. S., "Algorithmic Web Usage Mining Approach (SSPRA)", Journal of Advances and Scholarly Researches in Allied Education Vol. XIV, Issue No. 1, October-2017, ISSN: 2230-7540.

11. Pandey A., Pandey P., and Baghel A. S., "Comparative Clustering Algorithms on Integrated Dataset", Anusandhan-AISCET University Journal, Volume: 06, Issue: 13, March-2018, ISSN: 2278-4187, E-ISSN: 2457-0656.

2017;

12. Pandey A., Pandey P., and Baghel A. S., "A Comprehensive Literature Review On Sequential Patterns Algorithms in Web Usage Mining", Journal of Advances and Scholarly Researches in Allied Education Vol. XIV, Issue No. 1, October-2017, ISSN: 2230-7540.

13. Pandey A., Pandey P., and Baghel A. S., "Architecture in Web Use Mining for Data Pre-Processing", Journal of Advances and Scholarly Researches in Allied Education, Vol. XIV, Issue No. 1, October-2017, ISSN: 2230-7540.

14. Mansuri D., Pandey P., and Baghel A. S., "A Study of Wireless E-Business", Journal of Advances and Scholarly Researches in Allied Education, Vol. XIV, Issue No. 1, October-2017, ISSN: 2230-7540.

2016;

15. Baghel A. S., Katare R.K., "Asynchronous system issues in parallel and distributed architecture", GE-International Journal of Engineering Research, 4(5), 38-61, 2016, IF-4.721, and ISSN: 2321-1717.

2015;

16. Baghel A. S., Katare R.K., "A survey on synchronous and asynchronous Parallel distributed algorithms", International Journal of Engineering, Science and Mathematics, 4(3), 33-39, 2015, ISSN: 2320:0294.

17. Baghel A. S., Katare R.K., "Recent Trends comprehensive survey of Asynchronous Network and its Significant", IJSRSET, Vol. 1(4), 114-123, 2015, ISSN: 2394:4099.

18. Baghel A. S., Katare R.K., "An Iterative Method in Asynchronous System using Asynchronous Algorithms", IJSRSET, 1(4), 40-46, 2015, ISSN: 2394:4099.

19. Baghel A. S., Katare R.K., "Iteration in Asynchronous System", IJSRSET, 1(4), 315-323, 2015, ISSN: 2394:4099.

20. Baghel A. S., Katare R.K., "Interconnection network of asynchronous system", IJSRSET, 1(4), 368-374, 2015, ISSN: 2394:4099.

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