



**School:** School of Studies of Engineering and Technology

**Department:** Department of Computer Science and Engineering

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### **Qualifications:**

1. Ph.D ( Pursuing) from Department of CSE, SoS (E & T) , GGV, Bilaspur.
2. M. TECH in Computer Science & Engg. From B.U.I.T.,B.U.,Bhopal .
3. B.E. in Computer Science & Engg. From S.G.S.I.T.S College, Indore.

**Area of Interest/Specialization:** Image Processing, Machine Learning

### **Experience:**

1. Presently working as Assistant Professor in Guru Ghasidas Central University since 28th July 2011.
2. Worked as Assistant Professor in B.U.I.T, Barkatullah University, Bhopal from 22<sup>nd</sup> Jan 2002 to 25<sup>th</sup> July 2011.
3. Sixth month experience as academic counselor in IGNOU, Bhopal.

### **Publication:**

1. Vaibhav Kant Singh, Amit Baghel, Nageshwar Dev Yadav, Manish Sahu, Manjit Jaiswal "Machine Learning approach to detect Breast Cancer", Design Engineering, Issue-8, Page: 7054-7060, 2021.
2. Amit Baghel, Swati Diwedi "Capsule- Networks: Towards Object-Detection Capsule Object-Detector (COD)", International Journal of Computer Science and Engineering, Volume 7, Issue-2, Page 230-236, 2019.
3. Hemraj Raikwar, Himanshu Jain, Amit Baghel" Calorie Estimation from Fast Food Using Support Vector Machine" International Journal on future revolution in Computer Science & Communication Engineering (IJFRCSE), Volume 4, Issue 4, Page 98-102, April 2018

4. Shubham Pandey, Puja Singh, Amit Baghel "Detection of Weed in Agricultural Field Using Flood Fill Algorithm" International Journal of Creative Research Thoughts (IJCRT), Volume 4, Issue 2, page1513-1519, April 2018
5. Sajan Kumar Choudhary, Amit Baghel "Image Denosing Using New Double 2-D Based Median Filter" International Journal of Creative Research Thoughts (IJCRT), Volume 4, Issue 2,2016
6. Vaibhav Singh, Amit Baghel, Satish Negi "Finding New Framework for Resolving Problems in Various Dimensions by the Use of ES: An Efficient and Effective Computer Oriented Artificial Intelligence Approach" Innovative Systems Design and Engineering- IISTE Journal Vol.4, No.11, 2013.
7. Vivek Sharma, Amit Baghel "Performance of AODV and DSR in Presence of Malicious Nodes in Mobile Ad-hoc Networks" International Journal of Research and Reviews in Computer Science (IJRRCS) Vol. 1, No 4, Dec 2010, page 28-31.
8. Vivek Sharma, Amit Baghel "Analysis of AODV and DSR in Presence of Wormhole Attack in Mobile Ad-hoc Networks" International Journal of Engineering Science and Technology ISSN: 0975-5462, Vol.2(10), page 6658-6663.
9. Amit Baghel,Ankur Saxena,Abhishek Mathur and Prof.Diwkar Singh "Route optimization and traffic management for Ad-hoc network" International Journal of Computer science, System Engineering and Information Technology ISSN :0974-5807 Jan-June 2010 Delhi.
10. Dipti chouhan, Amit Baghel "Unit Crashing approach for Optimization of Software Project Cost and Schedule" 4th International Academic Conference of Students, Ph.D. Students and Young Scientists "Computer Science & Engineering 2010 (CSE-2010)", Ukraine.

### **Administrative Responsibilities:**

1. Member of Executive Council for Guru Ghasidas Vishwavidyalaya from 2021 to till date.
2. Member of Academic Council for Guru Ghasidas Vishwavidyalaya from 2018 to 2021.
3. Worked as Co-Organizing secretary for National Seminar on Dakshin Kausal-2019.
4. Worked as Co-Ordinator Annual College Fest (EQUILIBRIO-2019).
5. Worked as member of Organizing Committee for ICBR-2017.
6. Worked as Centre Supt. Examination Committee for session 2017-18.
7. Worked as Asst. Centre Supt. Examination Committee for session 2016-17.
8. Worked as Convener for Discipline Committee and Anti-Ragging Committee.
9. Member of Technical Committee for purchasing Computer, Printer and Scanner.
10. Worked as Member of VET/VRET OMR Evaluations for 2013-14 & 2014-15.
11. Worked as Asst. Supdt. For VET Examination team for session 2016-17,2017-18 and 2018-19.

**Expert Lecture Delivered:**

1. Delivered Expert lecture on “ Data Mining and its Application for Large Database” on 25<sup>th</sup> July 2014 in Truba Institute of Engineering & information Technology, Bhopal.
2. Delivered Expert Lecture on “ Data Mining and its Application in Large Databases” on 21<sup>st</sup> June 2015 in Sagar Institute of Science & Technology, Bhopal.

**Amit Baghel**