

Curriculum Vitae

Name: Mrs. Bharati Bharat Gurav

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Date of Birth: 01/08/1980



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	% CGPA	Class
M.E.	Computer Science and Engineering	Govt. Engineering College. Aurangabad	Dr.B.A.M.U. Aurangabad	2011	69.17	First Division
B.E.	Computer Science and Engineering	College of Engineering, Osmanabad	Dr.B.A.M.U. Aurangabad	2003	65.66	First Division

M. E. Project: Face recognition using histogram bins

Key Research Areas:

Image Processing

Neural Networks

Data mining

Experience

Sr. No.	Organization	Post	From To	No. of Years
01	Maharashtra Institute of Technology, Aurangabad	Asst. Professor	20/05/2006 to till date	15.2
02	MSS, College of Engineering and Technology, Jalna	Lecturer	28/06/2005 to 19/05/2006	11 months
03	Terna, College Osmanabad	Lecturer	01/02/2004 to 28/02/2005	01

List of Courses Taught/Teaching at UG level at Maharashtra Institute of Technology, Aurangabad

- Computer Fundamentals and programming
- Computer Graphics
- Theory of computation
- Data Communication
- Artificial neural networks
- Principles of Compiler design
- Web Programming
- User interface technology
- Discrete Mathematics
- Operating System
- Object oriented programming

List of Courses Taught/Teaching at PG level at Maharashtra Institute of Technology Aurangabad

Software Reliability

Additional Assignments/Duties

- Worked as Central TW/CT Marks submission to the university coordinator
- Worked as Class test coordinator
- Worked as Central class test coordinator
- Worked as Class Teacher

- Worked as Result Analysis Coordinator
- Worked as Lab In charge
- Worked as Internal Academic Audit
- Worked as Timetable coordinator
- Worked as Departmental NAAC coordinator
- Worked as TGS Coordinator
- Worked as NBA criteria 4 Coordinator
- Worked as Student association Coordinator.
- Working as NAAC criteria 5 coordinator.
- Worked as internal audit committee member

Membership of Professional Bodies

- Lifetime member of ISTE membership number-- LM 55836
- Lifetime member of Computer society of India-CSI membership number-- 01219550

Research Projects/Projects Guided (PG)

- Low-Complexity, Lossless Volumetric Medical Image Compression with PPM-5 & Linear Prediction.
- Emotion Detection using Sobel Filtering and Retrieving with Sparse Code words
- Predicting Educational failure and drop-outs by using data mining techniques

Computer/Software Proficiency

- C, C++ programming
- PHP
- Html5
- Java Script
- SQL
- MATLAB
- MS -Office

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- One week FDP 05-09-July 2021 training “Cyber Security and Cyber Forensics”
AICTE Training and Learning (ATAL) Academy, arranged by Maharashtra Institute of
Technology, Aurangabad

- AICTE Training And Learning (ATAL) Academy FDP on “Data Science for Healthcare” from 21 -25 June 2021 ,Vivekananda College of Engineering for Women ,
- ICT Mode Machine Learning with R Programming from 14-18th June, 2021 successfully NITTR KOLKATTA.
- One Day “OBE Concepts & Implementation and Digital Preparedness for NBA ” Organized by Internal Quality Assurance Cell(IQAC), Maharashtra Institute of Technology, Aurangabad on 29th May 2021
- One-week **FDP** on “Ärduino” 19th to 24th May 2020 organized by Jaihind college of engineering Kuran,Pune.
- One-week **FDP** on “OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE” from 11-15 May 2020 under Margdarshan Scheme of AICTE, New Delhi organised by Govt college of Engineering Karad.
- One-week **FDP** on “Signal, Image & Video Processing: A Practical Approach” (SIVPAPA-2020) during May 26-30, 2020. under Technical Education Quality Improvement Program (TEQIP-III) organized by Department of Electronics & Telecommunication Engineering, Govt college of Engineering Karad.
- One-week **FDP** on” Data Science” from 24 to 30 june2019 organized by Shivaj University, Kolhapur, hosted by MIT Aurangabad
- One-week Refresher course on “Use of ICT for Effective Teaching Learning from (8th to 12th January 2019) conducted by Maharashtra Institute of Technology, Aurangabad
- One-week STTP on “Deep Learning” from 02 to 07 july 2018, organized by department of computer science and Engineering, Maharashtra Institute of Technology, Aurangabad.
- Three day workshop on “Cyber security” from 28 jan,4,11 Feb,17 MIT, Aurangabad
- One-week FEP on, Bigdata Analytics from 18 to 22 December 2017Infosys, ltd Pune
- One-week FDP “Empowering faculty in English Communication and Soft Skills from 11 to 16 January 2016 MIT, Aurangabad
- One-week FEP on, Agile methodology from 21 to 25 December 2015 Infosys, ltd Pune at MIT, Aurangabad
- One-week STTP “Soft Computing-Ann & Fuzzy Applications in engg” 30 nov to 5 dec 2015 ,DIEMS, Aurangabad
- One-week STTP “Machine learning and computer intelligence” from 25 to 29 May 2015 Singhgad college of engineering, Pune

- Two days workshop on “Research Methodology” from 13 and 14 march 2015 MIT, Aurangabad
- One day workshop on “Outcome based education “(OBE) from 27 September 2014 Mechanical engineering, MIT,Aurangabad
- One week Workshop on “Design protocol using NS3” from15 to 19 Jan2014 PICT,PUNE
- One day Workshop on “Network Security “from on 11 Jan 2014 DIEMS,Auranagabad
- One-week STTP on “Research Methodologies and Advances in Computer Science” from 30/04/2012 to 05/05/2012 MIT Aurangabad
- Two days “Recent Trends in Multimedia Systems” from 19- 20/02/2010 G.S.Moze College of engineering, Balewadi Pune
- One-week “Digital Image processing using Matlab” from 15 to 19 /06/2010 MIT Aurangabad
- Three days FDP on “soft skills from28 to 30 /01 /2009 Infosys Pune
- One day workshop on “Cyber Security from 21/02/2007 conducted by Maharashtra Institute of Technology, Aurangabad
- Two day workshop on “programming in MATLAB” from 10 to11/07/2006 conducted by Maharashtra Institute of Technology, Aurangabad
- One day workshop “Introduction to Matlab” 16/04/2006 organized by MSS’s College of Engineering and Technology , Jalna
- Two week “Induction Training Program” was attended from 05 to 17-12- organized by Govt College of Engineering Aurangabad

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference organized

- Worked as faculty coordinator for the webinar on “study opportunities in France” on 20/5/21 at Maharashtra Institute of Technology Aurangabd
- Organized and Worked as Faculty coordinator for social activity “Runanubandh”
- Organized and Worked as Faculty coordinator in two weeks Workshop on “Recent trends in computer science and Engineering” Conducted by alumni ,from 26,28-30 june ,1 July 2021 and 28/12/20 To 01/01/21 arranged at Maharashtra Institute of Technology,Aurnagabad
- Worked as faculty coordinator TECH-PRO, National Level Online Project Competition on 27th June 2020.

- Seminar on “**career guidance and how to prepare for interview**” by Talha Ansari, alumni were arranged for TYCSE students.
- Worked as organizing committee team member in one-week STTP on “Deep Learning” from 02 to 07 July 2018, organized by department of computer science and Engineering, Maharashtra Institute of Technology, Aurangabad.
- Worked as an organizing committee member of State level Event “TechnoMIT-2017” at Maharashtra Institute of Technology, Aurangabad on 10th and 11th Mar 2017.
- Worked as an organizing committee member in Workshop on “JSP, Servlet, & Ajax” at Maharashtra Institute of Technology, Aurangabad from 28th to 30th Aug 2010
- Worked as coordinator for the one week workshop on “Rational Rose” in year 2008 .

Intellectual Property Rights

1. Copy right of Literary work Registration Number: L-89395/2020 “Example of Design Finite Automata”
2. Copy right of Literary work Registration Number L-89394/2020 “Example of histogram Equalization”
3. Copy right of Literary work Registration Number L-102781/2021 Example of Dijkstra’s Algorithm 3/5/21, applied on 18/3/21
4. Copy right of Literary work Registration Number L-102538/2021 Power point presentation on Regular Expression to Finite Automata 27/4/21. Applied on 18/3/21

List of Research Publications

Papers in National/ International Journal

- Paper published in international journal on “Review on Data Mining Techniques Used for Educational System” IJETAE in Vol 4 Nov 2014

Papers in National /International Conference Proceedings

- Paper Participation in International Conference on Innovations & Trends in Computing (ICITC-2021) “An Android App for Landscaping Management System”
- Paper presented in international conference on ” Face Identification System Using Histogram Bins” organized by S.S.V.P.S Deore College of engineering Dhule in Jan2011.
- Paper presented in National conference on “Iris Recognition using Corner detection” organized by Maharashtra Institute of Technology, Aurangabad in 2009.

NPTEL Certification

Sr.No.	Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
01	July 2019	September 2019	08 Week	“Course Design and Instruction of engineering Course”TALE2	77	Elite
02	February 2019	March 2019	04 week	TALE-“Teaching and Learning in Engineering”	75	Elite
03	January 2019	April 2019	12 weeks	“Machine Learning for Science and Engineering Applications”	55	Successfully Completed
04	January 2017	April 2017	08 weeks	Introduction to research”	68	Elite

Awards, Achievements and Recognition

- Recognition for contribution for designing the contents of the subject development of skills as per the requirement of soft skills Infosys Campus connect program.
- PG teacher Approval.
- Four Literary work copyright registered.

Date: 26/07/2021

Place: Aurangabad