

Curriculum Vitae

Name: Mrs. Bharati Bharat Gurav

Address: F-12, F bldg. Jabinda Residency, Deva Nagari, Aurangabad

E-mail: bharti.gurav@mit.asia, bharatigurav2008@gmail.com

Mobile: 8669146118

Date of Birth:01/08/1980



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	% CGPA	Class
PhD(pursuing)	Computer Engineering	Dr.BA.MU	Dr.BA.MU, Aurangabad			
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

Key Research Interest Areas:

Image Processing

Neural Networks

Data mining

Experience(Total -21.7years)

Sr. No.	Organization	Post	From To	No. of Years
01	Maharashtra Institute of Technology, Aurangabad	Asst. Professor	20/05/2006 to till date	19.7yrs
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 31/05/2004 & 01/07/2004 to 28/02/2005	1.1 year

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
- Python Programming
- Mobile Application Development
- Artificial Intelligence and its applications
- Data Structures
- Design thinking

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

Software Reliability

Additional Assignments/Duties

- Working as Departmental NBA Coordinator
- Working as Departmental Alumni Coordinator
- Working as BoS Meeting Coordinator
- Worked as Central TW/CT coordinator
- Worked as Class test coordinator
- Worked as Central class test coordinator
- Working as Class Teacher
- Working as Result Analysis Coordinator
- Working as Lab In charge
- Worked as Internal Academic Audit
- Worked as Timetable coordinator
- Worked as Departmental NAAC coordinator
- Working as TGS Coordinator
- Working as NBA criteria 4 Coordinator
- Worked as Student association Coordinator.
- Working as NAAC criteria 5 coordinator.
- Practical Exam Coordinator
- Parents Meeting Coordinator
- Academic Coordinator

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
- Python
- MS –Office
- PowerBI

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

- Attended 7 Days FDP on “Generative AI and Advanced Tools for Academic Research from 24 march to 30 march 2025 organized by Zunzunwala PG College Ayodhya
- Attended five days ISTE approved FDP on “Tech Horizons: Adeep Dive into Cutting Edge Technologies”, organized by Department of Computer Science and Engineering from 18/11/2024 to 22/11/2024
- Attended One week FDP on “Mastering AI Tools for faculty Excellence” , organized by VIT,Pune from 23-27 December 2024.
- Attended one week FDP on “Data Science Expedition- insight with Machine Learning and Deep Learning” 1st to 5th July 2024 organized at MIT,Chhatrapati Sambhji nagar
- Attended one wee STTP on “Business Intelligence with Advanced Excel and Power BI” organized by Dept of Computer Science and Engineering, Maharashtra Institute of Technology ,Chh. Sambhaji Nagar from 13 to 17 feb 2024
- Attended FDP on “Exploring multidisciplinary What why and How” 04march to 8 march 2024 organized by MSFDA Pune
- Attended FDP on “Problem based Learning towards advanced pedagogy “ 20 march 23 march 2023 organized by NITTTR Kolkata
- Attended **One Week Train the Trainer** Program on JAVA programming by **Infosys limited**, Pune 06 to 13 September 2021
- Attended AICTE recognized FDP on **Data Science using Python** from 09/08/2021 to 13/08/2021,Organized by Computer Science and Engineering Department, NITTTR, Chandigarh.
- Participated and completed successfully AICTE Training And Learning(**ATAL**) Academy online Elementary **one week** FDP on “Cyber Security and Cyber Forensics from 05/07/2021 to 9/07/2021

- Participated and completed successfully AICTE Training And Learning(ATAL) Academy online Elementary **one week FDP** on “**Data Science for Health care** “ from 21/06/2021 to 25/06/2021
- Attended **Two weeks** online FDP (**MOOC**) on **Effective use of ICT tools in online teaching** from 22 June 2020 to 04 July 2020 arranged by IQAC and Department of Electronics and Telecommunication, Maharashtra Institute of Technology , 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
- Attended webinar on “Call for “paper writing and research report on Innovation ” G. S. Mandal’s Maharashtra Institute of Technology, Aurangabad
- Participated in the Two Days Online Workshop on “Self Image Building and Emotional Intelligence (EQ) organized by Department of Mechanical Engineering, P.V.P.I.T.Budhgaon held on 3 rd and 6th July,2020.
- One-week **FDP** on Arduino" organized by Department of Electronics and Telecommunication, Jaihind College of Engineering, Kuran (Pune) from Tuesday, 19th May,2020 to Sunday, 24th May, 2020.
- 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.
- Successfully completed “Career Edge - Knockdown the Lockdown online course offered by TCS iON 17 April 2020 to 21 June 2020.
- One-week **FDP** on” Data Science” from 24 to 30 june2019 organised 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 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 november 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 “One-week workshop “Recent Trends in Computer Science & Information Technology” Organized for SY and TYCSE students. From 28th December 2020 to 01 January 2021
- 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

- One week “Bootcamp on Unmanned Aerial System”, faculty coordinator, from 8/4/25 to 12/4/25 organized by NIELIT in association with MIT, Chhatrapati Sambhaji Nagar
- One-week FDP on “C Programming “coordinated from 27 June to 3 July 2024
- Organized an Expert talk on “Application Security” by Mr. Nadir Hajiyani , Application security Team lead, at Wells Fargo BANK, Texas U.S.
- Organized an Expert talk on “Carrer Guidance” on 7 February 2025, by Mr.Rockey Kumar, Software development Manager, AMAZON, Bengaluru 2008-9 Batch of MIT CSE).
- Organized workshop on “Introduction to UX Design: Making interfaces that work” on 11/09/2024 by Tanmoy Goswami (Alumni-Batch-2009)
- Initiated and Coordinated Two weeks STTP on “Recent Trends in Computer Science and IT” for students by our Alumni. (without Registration fees) on 28th December 2020 to 01 January 2021 and 26,28-30 June 2021

- Coordinated online webinar on “study opportunities in France” by Mr. Vikas Golla ,Manager Campus France –Mumbai, Embassy of France on 20/05/2021
- 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 in part-I 2018.
- 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-102538/2021 “Regular Expression to Finite Automata,
Copy right of Literary work Registration Number: L-102781/2021 “Example of Dijkstras Algorithm”.

4. List of Research Publications

Papers in National/ International Journal

- Paper Published in international Journal on “An Overview of Early Prediction and Classification Models for the Performance Analysis of Degree students”,IJSER,June 2025
- Paper published in international journal on “Review on Data Mining Techniques Used for Educational System” IJEATE in March 2014

Papers in National /International Conference Proceedings

- Participated in international conference on Innovations and Trends in Computing.(ICITC-2021) on “An Android App for Landscaping Management System” 26 and 27 february 2021.
- 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	Jan2025	May 2025	08 week	Integration of AI in Educational Practices	93	Successfully completed
02	04 Oct 2023	06 Octo 23	3 days	Design Thinking (Lab Certification)	NA	Successfully completed
03	Jan23	March23	8 weeks	Data Science for engineers	70	Elite

04	Jan23	April23	12week	NBA accreditation and teaching and learning in engineering (NATE)	77	Elite+Silver
05	July22	Oct22	12week	Deep Learning	71	Elite
06	July 2019	September 2019	08 Week	“Course Design and Instruction of engineering Course”TALE2	77	Elite
07	February 2019	March 2019	04 week	TALE-“Teaching and Learning in Engineering”	75	Elite
08	January 2019	April 2019	12 weeks	“Machine Learning for Science and Engineering Applications”	55	Successfully Completed
09	January 2017	April 2017	08 weeks	Introduction to research”	68	Elite

Awards, Achievements and Recognition

- Invited to conduct session on “Decision Controls and Loops” in one week FDP on “C Programming” organized at MIT, Chhatrapati Sambhajnagar
- Invited as Guest expert for the subject Theory of Computation at ICCEM, Chhatrapati Sambhaji Nagar on 9th December 2023
- Invited as Guest Expert for the subject C programming for one week sessions at Dept of Computer Science and Engineering ,MIT Polytechnique Chh Sambhaji Nagar
- 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:

Place: