Name of Faculty	Ketan B. Rathod
Designation	Assistant Professor
Email id	ketanrathod.ce@bitseducampus.ac.in
Contact number	0265-2303991 Ext: 939
Total Experience Teaching Industry	Teaching- 07 Years 03 Month
Professional Summary	✓ Currently working as an Assistant Professor in Computer Science and Engineering Department at Babaria Institute of Technology, Vadodara Since 01st September 2012 to till date ✓ Has worked for 07 Months as a lecturer in GEC, Gandhinagar from 19th July 2010 to 28th Jan, 2011
Current Activities	✓ Coordinator & SBC of CSI, Student Branch, BIT ✓ Member of "AI and Deep Learning" Club at BIT, under initiative of leadingIndia.ai ✓ Admission Counsellor, CSE, BIT ✓ Coordinator of Result Analysis, CSE, BIT
Specialization Areas	Artificial Intelligence, Machine Learning, Information Security, Software Engineering
Subject Taught (UG/PG)	Artificial Intelligence Information & Network Security Software Engineering Soft Computing Parallel Processing Programming for Problem Solving Data Mining & Business Intelligence
Qualifications	B.E. (Computer) (2010) (First class) V.N.S.G.U, Surat M.E (Computer Science) (2013) (First class with distinction) G.T.U, Ahmedabad
Skills	C,C++, PHP, MATLAB, PROLOG, Latex, Scilab, Octave
Achievements	• Won **2nd Prize** in Paper Presentation on "Digital Steganography**"** at National Level Techfest at PIET-BARODA on 12th -13th February 2010 • Successfully cleared 7th National Science Olympiad with 81.80 Percentile score with School Rank-2, City Rank-3, State Rank -59, AIR-855 held on 2nd December 2004 in India & Abroad • Successfully completed the assessment test & completed the hands-on Workshop on "AI & Deep Learning" at Marwadi University, Rajkot from 1st to 3rd June 2018 • Awarded with Trophy & Certificate for **Longest Continuous SBC Award** at CSI Annual Convention Meet 2017 at Kolkata on 21st January 2018
Research Project	NIL

Publications	1. Published a paper on "A Comparative study on Game Playing using Artificial Intelligence Methodology" 2nd Annual Technical Volume of Computer Engineering Division of The Institution of Engineers (India) in 2018
	2. Published & Presented a paper on "XML Based Solution for Coding" at National Conference (COCSS-2013) held at SVIT-Vasad on 5th - 6th April 2013
	3. Published a paper on "XML based Solution to MDA" in International Journal (IJARCET) - ISSN: 2278 – 1323 Volume 1, Issue 10, in December 2012
	4. Published & Presented a paper on "A Review on Agent Oriented Software Engineering Methodology" in International Conference (IRNET) held at Pune on 15th April 2012

Activities and honours

- Serving as a Student Branch Counselor (SBC) for CSI Students' Chapter of BIT, Vadodara
- Professional Membership of CSI
- Deputed as a Mentor with Student's Team representing Babaria Institute of Technology, Vadodara in "Smart India Hackathon" - 2019 at Kochi, Kerala on 01st - 02nd March 2019
- Attended Hands-on Workshop on "AI & Deep Learning" at Marwadi University, Rajkot from 1st to 3rd June 2018
- Attended & completed the "Image Classification with DIGITS, Object Detection with DIGITS, Neural Network Deployment with DIGITS and TensorRT" conducted by Deep Learning Institute, NVIDIA at Marwadi University, Rajkot from 1st to 3rd June 2018
- Attended One Week STTP on "Data Mining and Soft Computing: Tools & Techniques" at GCET, V.V.Nagar and GTU from 18th to 23rd December 2017
- Attended a National Level Seminar on "Emerging trends, Security Issues and Challenges in IoT, Big Data & Social Networking" at VIER, Kotambi on 15th July 2017
- Appointed as a Chief Faculty Coordinator for a 2-days Workshop on "Unity 3D Game Designing" at BIT, Vadodara by Innovation cell, IIT Bombay on 18th – 19th April 2017
- Attended One Week STTP on" Soft computing : Machine Learning" at Parul University from 16th May 2016 to 20th May 2016
- Attended One Day National Symposium on "Internet of Things" at GCET, V.V.Nagar on 15th February 2016
- Participated in IEEE Xplore Digital Library Awareness Workshop organized at Babaria Institute of Technology on 7th August 2015
- Attended One day Workshop on "LATEX " by GTU-OSTC on at GTU, PG-School, BISAG - Gandhinagar on 21st March 2015
- Delivered Expert talk on "MATLAB" in One Week STTP on "Soft Computing" at Babaria Institute of Technology, Vadodara from 15th to 19th December 2014
- Attended One Week STTP on "Soft Computing" at Babaria Institute of Technology, Vadodara from 15th to 19th December 2014

- Attended Workshop on "Python" by IIT Bombay under National Mission on Education through ICT at Babaria Institute of Technology, Vadodara on 12th July 2014
- Attended Two days National Symposium on "National Skill development & Education" by FGI-BUSINESS CENTER Vadodara on 31st Jan to 1st feb 2014
- Attended 1-day Symposium on "Eradicating classroom boundaries in effective teaching" at Babaria Institute of Technology, Vadodara on 02nd Januray 2014
- Attended Two Days National Workshop on "Advance Computing & Big Data" at CIT, CHARUSAT, Changa on 21st -23rd November 2013
- Attended Two Days National Workshop on "Distributed Computing-Digital Forensic Science" at PIET, Limda on 15th -16th November 2013
- Participated in One Day Workshop on "Patent Search Methodology" by Gujarat Technological University, Ahmedabad on 20th October 2012 at BIT, Vadodara
- Attended Two Days National Symposium on "Projections-Distinguish yourself" at PIET, Limda on 12th -13th February 2010
- Attended Two Days National Symposium on "Ivolving Ideaz" at Nirma University, Ahemdabad on 19th -20th September 2008
- Poster Presented on "Hacking" at Two Days National Symposium on INSTCON-Towards Technological Excellence at DDIT, Nadiad on 29th -30th September 2007
- Paper Presented on "Network & Security" and Attended 3-Days National Symposium on Technomillennium-New era at MIT-Aurangabad on 15th -17th September 2007
- Paper Presented on "Embedded System" and Attended National Symposium on "Wizard-Explore your Talent" at MAE, Alandi, Pune on 26th March 2007
- Attended a State level Seminar on "Ethical Hacking" at V.V.P College- Rajkot by Mr. Ankit Fadia on 16th February 2009
- Attended State Level Seminar on "Ethical Hacking" at SVMIT- Bharuch by Mr. Sunny Vaghela in 2009
- Attended One day Workshop on" Developing student friendly approach with teachers with ICT" at Babaria Institute of Technology, Vadodara on 04th July 2013
- MOOC – Successfully completed many Online Courses in the field of AI, ML, Data Science etc.

Grant Received   NIL