

STAFF PROFILE



Ms. Trupti Bhagchand Katte

Assistant Professor

Computer Engineering

truptikatte@aitpune.edu.in

Date of Joining
21/06/2017

Nature of Appointment
Contractual

Educational Details

Qualification	Degree	University	Grade	Year
SSC		SSC	70.53	2006
HSC		HSC	79.33	2008
Graduation	BE-CSE	Dr.BAMU (1st University Topper)	81.06	2012
PG	ME-COMP	SPPU (1st University Topper)	8.62	2014

Areas of Interest

Music Information Retrieval, Bioinformatics, Data Mining

Experience Details

Total : 5.20 years	Teaching : 5.20 years	Research : 0.00 years	Industry : 0.00 years
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Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile
Educational	0.60 Years 06/2015-11/2015	Assistant Professor Pravara rural Engineering College, Loni	Within this duration on this designation, I have worked NBA coordinator, Student Counselor, Subjects I taught : Fundamentals of Programming Language-1(FPL1)
Educational	0.60 Years 06/2016-11/2016	Assistant Professor Army Institute Of Technology, Pune	Within this duration on this designation, Subjects I taught : Fundamentals of Programming Language-1(FPL1), Computer organization and Architecture (COA)
Educational	1.00 Years 06/2017-4/2018	Assistant Professor Army Institute Of Technology, Pune	Within this duration on this designation, I have worked Assistant to CAP coordinator, Student Counselor, Subjects I taught : Fundamentals of Programming Language-1(FPL1), Fundamentals of Programming Language-2(FPL2),
Educational	1.00 Years 20 th July-24 th August 2018.	Discussion Forum Moderator edx	Four-week MOOC: SKARC101Ax: 3D Modeling from Architectural Drawings, conducted by IITBombayX 20 th July-24 th August 2018.

Educational	2.00 Years 06/2018-05/2020	Assistant Professor Army Institute Of Technology	Within this duration, I have worked as Departmental NBA Coordinator, Departmental Practical/Oral Exam Coordinator, Departmental In-Sem Exam Coordinator, Assistant to CAP coordinator (TE-BE INSEM), Faculty in charge for Compeering event in AIT DAY 2019, Faculty in charge for TECH-AAKRITI'19 – NFS, CS GO, FIFA events, Faculty in charge for AAKRITI'18 – Hindi mono acting, Hindi Debate events , Student Counselor, Judge for AAKRITI'18- Music competition event, Subjects I taught :Discrete Mathematics(DM), Fundamentals of Programming Language-1(FPL1), Fundamentals of Programming Language-2(FPL2)
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Journal Publications

1. TRUPTI KATTE, (2018). [Recurrent Neural Network and its Various Architecture Types](#). *International Journal of Research and Scientific Innovation (IJRSI)*.. 5(3), 6. ISBN/ ISSN No : 2321–2705. URL : <https://www.rsisinternational.org/journals/ijrsi/virtual-library/volume-v-issue-iii/#1516096414729-cab4f566-2fb8>.
2. TRUPTI KATTE, (2013). [Multiple Techniques for Raga Identification in Indian Classical Music.](#). *International Journal of Electronics Communication and Computer Engineering.* 4(6), 82-87. ISBN/ ISSN No : 2249–071X. URL : <https://www.ijecce.org/Download/conference/NCRTCST-2/19NCRTCST-13032.pdf>.
3. TRUPTI KATTE, (2013). [Raga Identification By Pakad Matching In North Indian Classical Music](#). *International Journal of Computer Engineering and Technology (IJCET)*. 4(6), 161-166. ISBN/ ISSN No : NIL. URL : https://www.researchgate.net/publication/301413772_RAGA_IDENTIFICATION_BY_PAKAD_MATCHING_IN_NORTH_INDIAN_CLASSICAL_MUSIC.

Conference Publications

1. TRUPTI KATTE, (2018). Recurrent Neural Network and its Various Architecture Types. *International Journal of Research and Scientific Innovation (IJRSI)*. 5(3), 6. ISBN/ ISSN No : 2321–2705.
2. TRUPTI KATTE, (2014). Raga and Raga Prahar Identification For Hindustani Classical Music. *Third Post Graduate Conference for Computer Engineering cPGCON*. nil(nil), nil. ISBN/ ISSN No : nil.
3. TRUPTI KATTE, (2014). Techniques for Indian classical Raga identification- A Survey. *11th IEEE Indian Conference (INDICON 2014)* . NIL(NIL), 127-132. ISBN/ ISSN No : NIL.
4. TRUPTI KATTE, (2013). Raga Identification By Pakad Matching In North Indian Classical Music. *International Journal of Computer Engineering and Technology (IJCET)*. 4(6), 161-166. ISBN/ ISSN No : NIL.
5. TRUPTI KATTE, (2013). Multiple Techniques for Raga Identification in Indian Classical Music. *International Journal of Electronics Communication and Computer Engineering*. 4(6), NIL. ISBN/ ISSN No : NIL.

Guest Lecture

1. FDP (Attended), on “Introduction to Python Programming”,, 2019, Marathwada Mitra Mandal Institute of Technology (M
2. FDP (Attended), for Faculty under NBA & IQAC, “ERP CO-PO”, 2018, AIT, Pune
3. FDP (Attended), on “Hands-on Methodology on OBE implementation through open source Gnomio Moodle”, 2018, AIT, Pune
4. MOOC (Attended), “Object-Oriented Programming”, IITBombayX - CS101.2x, successfully completed and received A+ grade (94%), 2017, IITBombayX (ONLINE)
5. MOOC (Attended), “Foundation of Data Structures”, IITBombayX - CS213.1x, successfully completed and received A grade (77%), 2017, IITBombayX (ONLINE)
6. MOOC (Attended), “Programming Basics”, IITBombayX - CS101.1x, successfully completed and

- received A+ grade (90%), 2017, IITBombayX (ONLINE)
- MOOC (Attended), "3D Architectural Visualization", IITBombayX: SKARC101x, Honor Code Certificate, 99%, 2017, IITBombayX (ONLINE)
 - FDP (Attended), on "Learner Centric Approach", 2017, AIT, Pune
 - MOOC (Attended), "Introduction to Machine Learning", NPTEL, Course Instructor-Prof. Sudeshna Sarkar, IIT Kharagpur, Certificate with 80%, 2016, NPTEL (ONLINE)
 - MOOC (Attended), "Technical Communication for Scientists and Engineers", IITBombayX: HS791x, Honor Code Certificate, 2016, IITBombayX (ONLINE)
 - MOOC (Attended), "Basic 3D animation using Blender", IITBombayX: SKANI101xA, Honor Code Certificate, 82%, 2016, IITBombayX (ONLINE)
 - MOOC (Attended), "Algorithms", IITBombayX: CS213.3x, Certificate with 'A' Grade, 88%, 2016, IITBombayX (ONLINE)
 - MOOC (Attended), "Implementation of Data Structures", IITBombayX: CS213.2x, Certificate with 'B' Grade, 65%, 2016, IITBombayX (ONLINE)
 - FDP (Attended), on "Fundamentals of programming languages -1", 2016, PUNE
 - FDP (Attended), on "Computer Organization and Architecture", 2016, PUNE

Seminar

- Learner Centric Approach (Attended), Learner Centric Approach, 2017, AIT,PUNE
- Fundamentals of programming languages -1 (Attended), Fundamentals of programming languages -1, 2016, pune
- Computer Organization and Architecture (Attended), Computer Organization and Architecture, 2016, NBN SSE,Pune

Workshop

- University IoT Tech Day (Attended), University IoT Tech Day, 2016, AIT,PUNE
- LINUXICATION 2013 (Attended), Linux commands, 2013, MIT, PUNE
- Network Design, Modeling & Analysis (Attended), Network Design, Modeling & Analysis, 2013, PUNE
- Certified information security specialist (Attended), Ethical Hacking, 2011, JNEC, Aurangabad

Research Grants

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Role of Investigator

Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role

Professional Memberships

Society	Membership No	Duration

Achievements/ Contribution

Year	Details
2014	1ST UNIVERSITY TOPPER IN ME(COMP), SPPU,PUNE
2014	BEST PAPER AWARD IN SESSION(cPGCON-14)
2012	1ST UNIVERSITY TOPPER IN BE(CSE), DR. BAMU, AURANGABAD
2005	RAJYA PURASKAR (Bharat Scouts and Guides (S&G))
2005	2ND POSITION IN INTERSCHOOL SKATING (ROLER)

No of PhD Students Guided : 0 **No of PG Students Guided** : 0
No of PhD Awarded Students : 0