



## Department of First Year Engineering

### Faculty Profile

#### Mrs. Bhakti Amit Patil

ME (Computer Engineering)

Assistant Professor

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#### Research Areas/ Areas of Interest

Database Management System, Data Science and Artificial Intelligence, Python Programming

#### Personal Details

<b>Date of Birth:</b>	15 /06/ 1984	<b>Domicile:</b>	Maharashtra
<b>Gender:</b>	Female	<b>Blood Group:</b>	A +ve
<b>Contact Details:</b>	A601,Aishwaryam Ventures, Near Khandoba Mandir, Akurdi, Pune-411019		

#### Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E.	Computer Engineering	SPPU, Pune	Distinction	2014
2	B.E.	Information Technology	Mumbai University	First Class	2006

## Work Experience

S.No.	Type of Experience	Years	Months
1	Teaching	13	00
2	Research	00	00
3	Industry	00	00
4.	Others	--	--
<b>Total</b>		<b>13</b>	<b>00</b>

## Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Artificial Intelligence and Robotics	UG	BE	03
2	System Programming and Operating System	UG	TE	03
3	Database Management Systems	UG	TE	06
4	Internet Programming	UG	TE	02
5	Digital Signal Processing	UG	TE, BE	03
6	Operating Systems for Computational Devices	UG	TE	03
7	Software Engineering	UG	TE	02
8	Pervasive Computing	UG	BE	02
9	Programming and Problem Solving(Python)	UG	FE	06

## Research Publications

	National	International	State	SCI/Scopus Indexed	UGC Approved
<b>Journals</b>	00	11	00	01	02
<b>Conferences</b>	03	04	00	--	--

## Publication Details(Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1.	Live assistance and Tracking(LATS) System using Cloud and IoT	Pushpak Katkhede, Bhakti Patilet.al	Jan 2019	International Journal of Computer Science and Engineering (IJCSE)	ISSN:2347-2693	IJCSE
2	A Credit based approach to detect Selfish nodes in MANET	Bhakti Chaudhari, A.M.Kurkure	2014	Elsevier Proceedings of Third Post Graduate Conference on Computer Engg,	ISBN:9789351072928	Elsvier
3	Number plate recognition & Document verification using feature extraction OCR Algorithm,	Omkar Dhamal, Rutuja Dhumal and Bhakti Patil	Nov2016	International Journal of Engineering and Computer Science in Volume 5 Issue11,.		IJECS
4	Intelligent Agriculture System With Crop Selection using IOT	Vedant Digraskar, Bhakti Patil et.al.	SAMRIDDHI Volume 12,Special Issue2, 2020	SAMRIDDHI : A Journal ofPhysical Sciences,EngineeringandTechnology,12(SI-2),1-5.	Print ISSN:2229-7111 OnlineISSN: 2454-5767	SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology
5	A Machine Learning Approach to Predict Price of Airlines Tickets	Pranita Rajure, Bhakti Patilet.al.	Volume 9,Issue II,February2021	International Journl for Research in Applied Sciences and Engineering Technology	ISSN:2221-9653	IJRASET

6	Prediction of Domestic Airline Tickets using Machine Learning	Pranita Rajure, Bhakti Patilet.al.	Volume 9, Issue VI, June 2021	International Journal for Research in Applied Sciences and Engineering Technology	ISSN:2221-9653	IJRASET
7	MediaRec: A Hybrid Media Recommender System	Bhakti Patil, Tanmay Bhuskute et.al.	Volume 10, Issue V May 2022	International Journal for Research in Applied Sciences and Engineering Technology	ISSN:2221-9653	IJRASET

### PublicationDetails(Conferences)

S. No	Document Details	Authors	Year	ConferenceDetails	ISBN	Organised by
1	Analysing Credit Based ARAN To Detect Selfish Nodes in MANET”,	Bhakti Chaudhari	August 01-02, 2014,	IEEE International Conference on Advances in Engineering & Technology Research(ICAETR -2014)	ISSN-2347-9337	IEEE Lucknow section and VSGOI, Lucknow
2	“ Design and implementation of stock aware shelves using Pervasive Computing”,	Neeraj Anturkar, BhaktiPatil et.al.,	August 01-02, 2017	IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing(ICECDS-2017) ,Chennai, India	ISSN-978-1-5386	IEEE Chennai Section and ICECDS
3	“Traceback and Removal of DDoS attack using Entropy Variation”	Shubham Bhirad, Bhakti Patil et.al	17-18 August 2017	3 <sup>rd</sup> IEEE International Conference on Computing, Communication, Control, Automation(ICCUBEA 2017),	ISSN Number – 5386-4008,	IEEE Pune section and PCCOE Pune
4	“Number plate recognition & Document verification using feature extraction OCR Algorithm”,	Omkar Dhamal, Bhakti Patilet.al.,	June 1 5-16, 2017,	IEEE International Conference on Intelligent Computing and Control Systems (ICICCS 2017),Madurai, India	ISBN: 978-1-5386-2745-7 ,	ICICCS and IEEE

5	Intelligent Agriculture System With Crop Selection using IOT	Vedant Digraskar, Bhakti Patilet.al.	12 June 2020	Online National Conference on Innovation in Engineering and Technology2020 (NCIET 2020), AISSMSCOE,Pune		NCIETAISS MSCOE, Pune
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### PhD/ ME/ BE Student Guided for Project

Level	Ph.D.	M.E.(PG)	B.E.(UG)
No.of Student guided	-	-	44

### Professional Memberships

Professional Body	Level (National/International)	Type (Fellow/Life/Annual)	Membership No.
ISTE	National	Life	LM6284
IAENG	National	Life	LM170763
IETE	National	AM	AM502266
SESI	National	Life	LM2595

### Patents /IPR Filed/Granted

S. No	Investigator Details	Title	Year	Status(Filed/Granted)	Details
		NIL			

### Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
	NIL		

### Research Grants Received

S. No	Program	Duration	Funding Agency	GrantAmount
	NIL			

### Details of Workshop /STTP/FDP/Seminar/Conferences Organized

S. No	Title	Type	Duration	Level(State/National/International)	Sponsoring Agency
01	ATAL FDP on Design Thinking	FDP	5days	National	AICTE
02	Digital Transformation	STTP	3days	National	AISSMSCOE and IE(I)Chapter
03	Data Science and AI	Webinar	1Day	National	AISSMSCOE
04	Students Workshop on Programming in C++	Workshop	4Days	College Level	AISSMSCOE
05	Kavach 2023 Internal Hackathon	Hackathon	1 Day	National Level	-

### Contribution as Resource Person

S. No.	Place/Organization	Topic	Level(National/Int/State/Regional)	Date
1	Maharashtra Police Wireless Training Institute, Pune.	Computer Network	State Level	16 <sup>th</sup> – 17 <sup>th</sup> Dec.2016
2	Maharashtra Police Wireless Training Institute, Pune.	Computer Network	State Level	February2017
3	Maharashtra Police Wireless Training Institute, Pune.	Computer Network	State Level	6 <sup>th</sup> – 23 <sup>th</sup> June2017

4	Production Engg Department, AISSMSCOE	Moodle Hands on session	Institute Level	June2019
5	Pune District Education Association's Baburaoji Gholap College	Virtual Lab: Hand on outreach workshop for faculty'	Regional	7 <sup>th</sup> May2021
6	KES's Pratibha College of Commerce & Computer Studies, Chinchwad, Pune.	Virtual Lab: Hand on outreach workshop for faculty'	Regional	29 <sup>th</sup> May2021
7	Mechanical Department, AISSMSCOE	Python Programming	Institute Level	11 <sup>th</sup> to 17 <sup>th</sup> Oct 2022
8	FE Department AISSMSCOE	Expert Session on Computer Competency in Induction Program	Institute Level	14 <sup>th</sup> to 25 <sup>th</sup> Nov 2022

### Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Leading Self to Excellence	FDP	15 <sup>th</sup> -18 <sup>th</sup> October 2021	IIIT Delhi	AICTE ATAL
2	Design Thinking: Aspirations for Innovations	FDP	29 <sup>th</sup> November - 03 <sup>rd</sup> December 2021	AISSMSCOE	AICTE ATAL
3	Inculcating Universal Human Values in Technical Education	FDP	18 <sup>th</sup> -22 <sup>nd</sup> October 2021	AICTE	AICTE
4	Outcome based pedagogic principles for effective teaching in Engineering	Refresher Course	17/03/2021 to 23/03/2021	GMB Polytechnic Gujrat	AICTE-ISTE

5	Predictive Analytics using AI	STTP	4/01/2021 to 9/01/2021	NRI Institute of Technology	AICTE
6	Data Science and its applications	FDP	05/10/2020 to 09/10/2020	Central Univ of Tamilnadu	AICTE ATAL
7	Awareness on Open resource platform for online learning ,research and self study	FDP	01Day	AISSMSCOE	AISSMSCOE
8	Vision-Mission-PEO-PSO-PO-CO: Framing ,Mapping, Assessment and attainment	FDP	01Week	AISSMSCOE	AISSMSCOE
9	Data science	FDP	01Week	Faculty Development center Shivaji University and	AISSMSCOE
10	Rubrics Data science	FDP	01Day	AISSMSCOE	AISSMSCOE
11	Moodle Learning Management System'	Workshop	01Day	Teaching Learning Centre(ICT) at IIT Bombay	AISSMSCOE
12	FDP on new Syllabus of "Artificial Intelligence and Robotics"	FDP	01Day	MITCOE, Pune	AISSMSCOE
13	Machine Learning using Python	Workshop	02Day	AISSMSCOE	AISSMSCOE
14	FDP on new Syllabus of "System Programming & Operating System"	FDP	01Day	AISSMSCOE	AISSMSCOE
15	Digital Payment System	FDP	01Day	AISSMSCOE	AISSMSCOE
16	Virtual Labs	Workshop	01Day	AISSMSCOE	AISSMSCOE
17	IEEE International Women in Engineering Conference	Conference	01Day	AISSMSIOIT	AISSMSCOE
18	Advances in Machine Learning & Big Data	STTP	02Days	I2ITPune	AISSMSCOE
19	Staff Development Program	FDP	02Days	AISSMSCOE	AISSMSCOE



20	Personal and professional development for Technical teachers	STTP	4th Jan2010 to 8th Jan 2010	SFIT Mumbai	SFIT Mumbai
21	Advanced Linux Programming	STTP	22nd June 2009 to 3rd July 2009	VCET, Vasai Road	SFIT Mumbai
22	Soft Computing Techniques	STTP	15th Dec 2008 to 19th Dec 2008	SFIT, Mumbai	SFIT Mumbai
23	Faculty Induction Programme	STTP	23rd June 2008 to 4th July 2008	SFIT, Mumbai	SFIT Mumbai
24	Faculty Development Programme	Workshop	9th Jan 2007 to 10th Jan 2007	Parshvanath College of Engineering	SFIT Mumbai

### Major Professional Responsibilities Handled

S.No.	Role and Responsibilities
1	Working as College Level NASSCOM Coordinator
2	Working as Department Annual Report Coordinator
3	Worked as a FE Mechanical SW and E&TC Guardian Faculty Member in 2020-21.
4	Worked as a FE Electrical Guardian Faculty Member in 2021-22.
5	Worked as a Departmental Moodle Coordinator in 2020-21, 2019-20 and 2018-19
6	Worked as a Departmental Exam Coordinator in 2020-21
7	Worked as a Departmental Magazine Coordinator in 2020-21
8	Worked as a BE Second Shift Guardian Faculty Member in 2019-20.
9	Worked as a Departmental Timetable Coordinator in 2017-18 and 2018-19
10	Worked as Departmental Project Coordinator in 2016-17.
11	Worked as Departmental Exam Coordinator in 2015-16

<b>12</b>	Worked as College Level Asst. Exam Coordinator (In Sem Exam) of AISSMSCOE, Pune in 2015-16
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## Awards Received

S. No.	Awards
<b>1</b>	Received <b>Best Paper Award</b> for “ Advance Threat Detection against Ransomware by Monitoring Process Handles and CPU Cycles” in NCETCAS-2018
<b>2</b>	Received <b>Elite+ Silver</b> in NPTEL Exam for course “Big Data Computing” in October 2021
<b>3</b>	Participated as a Mentor and Won First Prize in Smart India Hackathon Software Edition 2022 at Techno International New Town,Kolkata
<b>4</b>	Received <b>Elite+ Gold</b> in NPTEL Exam for course “Educational Leadership” in October 2022

**Declaration:** I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Mrs. Bhakti Amit Patil

(Name with Signature)