



# AISSMS COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



## Department of Computer Engineering

### Faculty Profile


#### Mrs. Ankita Gupta


M.Tech (Computer Science)

Assistant Professor

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#### Research Areas / Areas of Interest

Data Science , Artificial Intelligence, Natural Language Processing

#### Personal Details

**Date of Birth :** 23 / 05 / 1989

**Domicile:** U.P

**Gender :** Female

**Blood Group:** A+ve

**Contact Details:** A111, Kumar Picasso Society, Hadapsar Pune – 411028

#### Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.Tech	Computer Science	Banasthali University	Distinction (76.16%)	2014
2	B.Tech	Computer Science and Engineering	Integral University	Distinction (78.7%)	2010

## Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	11	00
2	Research	01	00
3	Industry	00	00
4.	Others	--	--
<b>Total</b>		<b>12</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	3
2	Multidisciplinary Natural Language Processing	UG	BE	3
3	Smart Systems Design and Applications	UG	BE	2
4	System Programming and Operating System	UG	TE	3
5	Principles of Concurrent and Distributed Programming	UG	TE	1
6	Software Design Methodologies and Testing	UG	BE	1
7	Discrete Mathematics	UG	SE	5
8	Software Engineering	UG	TE	3
9	Design and Analysis of Algorithms	UG	BE	2
10	Soft Computing	UG	SE	3
11	Theory of Computation	UG	TE	1
12	Data Structures	UG	SE	2
13	Programming and Problem Solving	UG	FE	3

## Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
<b>Journals</b>	01	08	00	00	03
<b>Conferences</b>	02	03	00	00	--

### Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1.	Improvise Surveillance System: Mask Detection, Social Distance Monitoring and Temperature Sensing	Srinivasan Poonkundran, Ankita Gupta et.al.	2022	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	ISSN: 2321-9653	(IJRASET)
2	Voice to Indian Sign Language Conversion for Hearing Impaired People	AshmiKatariya, Ankita Gupta et.al.	2020	Samriddhi: A Journal of Physical Sciences, Engineering and Technology	ISSN No. 2454-5767	
3	An Innovative Approach for Interviewer to Judge State Of Mind of An Interviewee Using Deep Learning API	Ganesh Mhetre, Ankita Gupta et.al.	2019	International Research Journal of Engineering and Technology (IRJET)	ISSN No. 2395-0056	IRJET

4	Voice Controlled Intelligent Personal Assistant Bot With Smart Storage	Yash Pujari, Ankita Gupta et.al	2019	International Research Journal of Engineering and Technology (IRJET)	ISSN No. 2395-0056	IRJET
5	A Multi Feature Based Housing Price Prediction for Indian Market using Machine Learning	Rushabh Sawant, Ankita Gupta et.al	2018	International Journal of Computer and Mathematical Sciences	ISSN NO. 2347-8527	IJCMS
6	Smart Door Lock System: Improving Home Security using Bluetooth Technology	Jayant Dabhade, Ankita Gupta et.al	2017	International Journal of Computer Applications	ISSN NO. 0975 – 8887	IJCS
7	An Innovative Approach for Infant Monitoring System using Pulse Rate and Oxygen Level	Mrudula Borkar, Ankita Gupta et.al.	2017	International Journal of Computer Applications	ISSN NO. 0975 – 8887	IJCS
8	Anti phishing Using (t, n) Visual Cryptography Scheme For Commerce Bank	Ankita Gupta	2016	International Journal of Emerging Research in Management & Technology	ISSN: 2278-9359	IJERMT
9	Morphological Analyser for Hindi	Ankita Agarwal	2014	International Journal of	ISSN NO. 2249-7277	IJACR

	- A Rule Based Implementation			Advanced Computer Research		
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### Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1	Voice to Indian Sign Language Conversion for Hearing Impaired People	AshmiKatariya, Ankita Gupta et.al.	2020	Online National Conference on Innovation in Engineering and Technology		AISSMSCOE
2	Access Control and Intrusion Detection in Door Lock System using Bluetooth Technology	AmirushJavare, Ankita Gupta et.al	2017	International Conference on Energy, Communication, Data Analytics and Soft Computing	ISSN No. 978-1-5386-1887-5/17 IEEE	IEEE
3	A Multi Feature Based Housing Price Prediction for Indian Market using Machine Learning	Rushabh Sawant, Ankita Gupta et.al.	2017	International Conference on Engineering Technology Science and	ISSN N0. 2347-8527	ICETSMI-2017

				Management Innovation		
4	An Innovative Approach for Infant Monitoring System using Pulse Rate and Oxygen Level	Harshada Patke, Ankita Gupta et.al.	2017	IEEE International Conference on Intelligent Computing and Control Systems	ISBN NO. 978-1-5386-2745-7	ICICCS- 2017
5	New Segmentation technique based on Structure Approach for Handwritten Hindi Text	Ankita Agarwal	2012	National Conference on Emerging Trends in Electronics & Information Technology and National Students Convention	ISBN: 978-93-82062-32-5	

### PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	35

### Professional Memberships

Professional Body	Level ( National/ International)	Type (Fellow/Life/Annual)	Membership No.
ISTE	National	Life	LM111720
IAENG	National	Life	LM170764
IETE	National	Life	

### 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	Grant Amount
	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

<b>S. No.</b>	<b>Place/ Organization</b>	<b>Topic</b>	<b>Level(National/Int/ State/Regional)</b>	<b>Date</b>
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	February 2017
3	Maharashtra Police Wireless Training Institute, Pune.	Computer Network	State Level	6 <sup>th</sup> – 23 <sup>th</sup> June 2017
4	Production Engg Department, AISSMSCOE	Moodle Hand s on session	Institute Level	June 2019
5	RMD Singhad College	Memory Management	Institute Level	20 March 2019
6	DPCOE	Natural Language Processing	Institute Level	16 Dec 2020
7	DPCOE	Natural Language Processing	Institute Level	11 Oct 2021
8	FE Department AISSMSCOE	Expert Session on Computer Competency in Induction Program	Institute Level	14th to 25th Nov 2022
9	BARTY	Expert Sessions on Data Science and Applications	Institute Level	3 rd Oct 2022 to 8 Dec 2022

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

<b>S. N</b>	<b>Title</b>	<b>Type</b>	<b>Duration</b>	<b>Organizer</b>	<b>Sponsoring Agency</b>
1	Data Science and its applications	FDP	05/10/2020 to 09/10/2020	Central Univ of Tamilnadu and ATAL Academy	AICTE ATAL
2	Awareness on Open resource platform for online learning, research and self study	FDP	01Day	AISSMSCOE	AISSMSCOE
3	Vision-Mission-PEO-PSO-PO-CO:Framing,Mapping, Assessment and attainment	FDP	01 Week	AISSMSCOE	AISSMSCOE
4	Data science	FDP	01 Week	Faculty development	AISSMSCOE



				center Shivaji University and	
5	Rubics Data science	FDP	01Day	AISSMSCOE	AISSMSCOE
6	Moodle Learning Management System'	Workshop	01Day	Teaching Learning Centre (ICT) at IIT Bombay	AISSMSCOE
7	FDP on new Syllabus of "Artificial Intelligence and Robotics"	FDP	01Day	MIT COE,Pune	AISSMSCOE
8	Machine Learning using Python	Workshop	02 Day	AISSMS COE	AISSMSCOE
9	FDP on new Syllabus of "System Programming & Operating System "	FDP	01Day	AISSMS COE	AISSMSCOE
10	Digital Payment System	FDP	01 Day	AISSMS COE	AISSMSCOE
11	Virtual Labs	Workshop	01 Day	AISSMS COE	AISSMSCOE
12	IEEE International Women in Engineering Conference	Conference	01 Day	AISSMS IOIT	AISSMSCOE
13	Advances in Machine Learning & Big Data	STTP	02 Days	I2IT Pune	AISSMSCOE
14	Staff Development Program	FDP	02 Days	AISSMS COE	AISSMS COE
15	Faculty Development Program on SSDA	University Level	Pune	01 Day	SITS, Narhe

### Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Working as FE Department ERP Coordinator.
2	Working as Guardian Faculty Member for FE Civil B

3	Worked as a Departmental IEI Students Chapter Faculty Advisor from 2015 to 2020
4	Worked as Google DSC Faculty Advisor in 2020-21
5	Worked as a Departmental Media Coordinator in 2020-21,2019-20
6	Worked as Printing Committee Coordinator for ET-2019-20
7	Worked as CODIGO MADRID Students Club Committee Member from 2018 to 2020
8	Worked as AISSMSCOE SIH 2020 Software Edition Coordinator
9	Worked as Committee Member in Avishkar 2019
10	Worked as a Departmental Exam Coordinator in 2019-20, 20-21
11	Worked as a Departmental Magazine Coordinator in 2018-19, 2019-20
12	Worked as a BE First Shift Guardian Faculty Member in 2017-18 .
13	Worked as College Level Asst. Exam Coordinator (In Sem Exam) of AISSMSCOE, Pune in 2015-16
14	Worked as Departmental Sponsorship Coordinator in ET 2016-17 and ET 2017-18

## Awards Received

S. No.	Awards
1	Participated as a Mentor and Won First Prize in Smart India Hackathon Hardware Edition 2019 at IIT Hyderabad
2	Received Elite+ Gold 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.Ankita Gupta

(Name with Signature)