

Mrs. Nasim Banu Anwar Ali Shah

Mobile: 9821154828

Email: nshah@somaiya.edu

Seeking a challenging environment that encourages continuous learning and creativity, provides exposure to new ideas, and stimulates personal and professional growth in the areas of Teaching.

Professional Experience

- Working as Assistant Professor in K.J.Somaiya Institute of Engg. & Information Technology, Sion, Mumbai since 26thMay 2006 to till date, UGC Selection under University of Mumbai.
- Worked as Lecturer in SPIT, Bhavan's, Andheri for one year during 1st Jan 2005 to 31st April 2006 on adhoc basis.

Educational Qualification

- **M.E.(Computer Engineering)** - Masters Degree in Computer Engineering from K.J.Somaiya College of Engineering, University of Mumbai, in November 2013 with 69%.
- **B.E. (Computer Engineering)** - Bachelors of Computer Engineering from K.J.Somaiya College of Engineering, University of Mumbai, in May 2003 with 60%.
- **Diploma (Computer Engineering)** - Diploma in Computer Engineering from M.H.Saboo Siddik Polytechnic, Byculla, in May 2000 with 91.17%.
- **H.S.C.** from C.H.M Junior College, Ulhasnagar, in May 1997 with 67%.
- **S.S.C.** from N.U.High School, Kalyan, in June 1995 with 87.71%.

Software Expertise

- **Languages:** C, C++, Java, Visual Basic, MySQL, Oracle, Matlab, QtOctave.
- **Packages & Tools:** MS Office.

Research publications:

Sr. No.	Paper Presented/Attended	National/ International Journal/ Conference	Details	Date	Journal/Conference
1.	Classification and Segregation of Garbage for Recyclability Process	International Journal	International Journal of Science and Research ISSN: 2319-7064 Volume 9 Issue 4.	April 2020	IJSR
2.	Image Compression using DWT And Optimization using Evolutionary Algorithm	International Conference	3rd International Conference on “Advanced in Science and Technology (ICAST 2020)”	8 Apr 2020 to 9 Apr 2020	SSRN-Elsevier Online digital publication under ICAST-2020 conference proceedings
3.	Oculus: Turning the Visual World into an Audible Experience	International Conference	2 nd International Conference on “Advanced in Science and Technology (ICAST 2019)”	8 Apr 2019 to 9 Apr 2019	SSRN-Elsevier Online conference publication portal
4.	Identification of Artificially ripened fruits using machine learning	International Conference	2 nd International Conference on “Advanced in Science and Technology (ICAST 2019)”	8 Apr 2019 to 9 Apr 2019	SSRN-Elsevier Online conference publication portal
5.	Prevention of duplication of Encrypted Big data in cloud	International Conference	2 nd International Conference on “Advanced in Science and Technology (ICAST 2019)”	8 Apr 2019 to 9 Apr 2019	SSRN-Elsevier Online conference publication portal

6.	Bon Vivant: A Machine Learning Approach towards Cooking	International Conference	IEEE International Conference on Intelligent Computing and Control System	14 th June 2018	ICICCS
7.	LAN MONITORING AND CONTROLLING THROUGH ANDROID DEVICE USING WI_FI	International Conference	1st International conference on Advances in Science and Technology	April 2018	ICAST
8.	BON VIVANT: AN ARTIFICIAL INTELLIGENCE COOKING APP	International Journal	Open Access International Journal of Science and Engineering	March 2018	OAIJSE
9.	ANDROID BASED LAN MONITORING AND CONTROLLING	International Journal	Open Access International Journal of Science and Engineering	March 2018	OAIJSE
10.	IMPLEMENTATION OF HANDS-FREE GESTURE AND VOICE CONTROL FOR SYSTEM INTERFACING	International Journal	International Journal of Information Research and Review	30 th April 2017	IJIRR
11.	Hands-Free Gesture and Voice Control for System Interfacing	International Conference	International Conference On Emanations in Modern Technology and Engineering	March 2017	ICEMTE
12.	Driver Drowsiness Alert System	International Journal	Journal for Research	Feb 2017	J4R
13.	Game On: An Android Application For E-sports	International Journal	International Journal of Computer Technology & Applications.	Feb 2017	IJCTA

14.	Video Piracy Detection using Invisible Watermark	International Journal	International Journal Of Engineering Research and Technology (IJERT)Volume 4 Issue 2,ESRSA Publication, VOLUME 4, ISSUE 2/ISSN:2276-0181 www.ijert.org .	10 th Feb 2015	IJERT
15.	Training And Placement Automation	National Conference	National Conference on Advances in Engineering Technology and Applied Sciences(SPANDAN), Nagpur	12 th and 13 th March 2015	SPANDAN
16.	“Biometric Attendance with GPRS technique using Android Application”,	National Conference	National Conference on “Signal Image Technology & Applied Communication Systems”, MIT, Pune	19 th and 20 th December 2013.	SITACS
17.	Track Your Buddies	National Conference	National Conference On New Horizons In IT, MET, Mumbai	18 th and 19 th October 2013.	NCNHIT'13.
18.	Smart Chat With Translator	National Conference	National Conference On New Horizons In IT, MET, Mumbai	18 th and 19 th October 2013.	NCNHIT'13.

19.	Performance of various Wavelets for JPEG Image Compression	Proceedings of International Conference	International Conference on Sensing, Signal Processing and Security(ICSSS) ISO 9001/ISBN:978-81-908343-3-9	12 th and 13 th April 2013	ICSSS
20.	Performance Analysis of Control Parameters of Artificial Bee Colony Algorithm for JPEG images	International Journal	International Journal of Science and Modern Engineering(IJISME) Volume No: I/ ISSN: 2319-6386/Issue: 8 Page No: 24-28	15 th July 2013	IJISME

Faculty Development Program (FDP) Organized

- As a Coordinator, organized Two weeks FDP on “Research Methodology of PhD Aspirants” during 5th May to 16th May under University of Mumbai.

Short Term Training Program (STTP) AND Workshop Attended

Sr.No	Name of the Course/Training Program	Duration		Organisation/ Institution
		From	To	

1.	STTP on “Cyber Security in IoT Applications”	02/07/18	07/07/18	K.J.S.I.E.I.T, Sion, Mumbai
2.	STTP on “R-Programming, Python and Perl”	02/01/18	07/01/18	K.J.S.I.E.I.T, Sion, Mumbai
3.	Orientation Program on “Cryptography and Network Security”	16/07/18		K.J.S.I.E.I.T, Sion, Mumbai
4.	NPTEL Workshop	12/01/18	12/01/18	IIT, Bombay
5.	Orientation Program on “Operating System and UNIX Lab”	11/01/18	11/01/18	Terna Engineering College, Nerul
6.	Workshop on “Virtual La Development”	04/07/17	05/07/17	K.J.S.I.E.I.T, Sion, Mumbai
7.	Recent Advances in Big Data Technologies And Applications(University of Mumbai Approved one week)	04/05/15	05/05/15	K.J.S.I.E.I.T, Sion, Mumbai
8.	Local Symposium on Evangelizing Internet of Things	05/10/15	10/10/15	S.I.E.I.T. and IET Mumbai Local Network
9.	Computing and Big Data Analytics(University of Mumbai Approved One Week)	01/11/14	11/11/14	K.J.S.I.E.I.T, Sion, Mumbai
10.	Image Processing-Basic to Advanced(AICTE Approved Two Week)	04/11/14	12/11/14	Indian Institute of Technology(IIT) Bombay
11.	Research Methodology for PhD Aspirants (University of Mumbai Approved Two week)	05/05/14	16/05/14	KJSIEIT, Sion, Mumbai
12..	Research Methodology and Related Open Source Tools(Approved by ISTE One Week)	07/12/12	12/12/12	K.J.S.I.E.I.T, Sion, Mumbai
13.	Technology and PHP(Organized by ITSA)	04/03/11	03/03/11	K.J.S.I.E.I.T, Sion, Mumbai
14.	Cloud Storage Management and Disaster Recovery(Orientation program approved by university of Mumbai)	02/01/11	01/01/11	K.J.S.I.E.I.T, Sion, Mumbai
15.	Network and Fuzzy System (Approved by ISTE One Week)	04/01/10	01/01/10	K.J.S.I.E.I.T, Sion, Mumbai
16.	Warehousing and Business Intelligence(Orientation program approved by University of Mumbai)	03/07/10	07/07/10	K.J.S.I.E.I.T, Sion, Mumbai
17.	Networks and Internet Security (Approved by ISTE one week)	03/11/09	11/11/09	K.J.S.I.E.I.T, Sion, Mumbai
18.	Advanced Computing Techniques(Approved by ISTE Two weeks)	07/01/08	01/01/08	Sanghvi College of Engineering

19.	-Oriented Analysis and Design using Borland ALM (workshop)	01/05	01/05	Sardar Patel College of Engineering
20.	Computer Vision(Seminar)	02/05	02/05	Sardar Patel College of Engineering

Achievements:

1. Done NPTEL course on “Programming, Data structure and Algorithm in Python” in July-September 2016.
2. Appreciation for outstanding commitment & stupendous hard work as the “Hindi Head” for “AURA 2014” KJSIEIT Annual Magazine.
3. Appreciation for valuable contribution as Coordinator for FDP on “ Research Methodology of PhD Aspirants”.
4. Appreciation for 100% result for the subject of Image Processing, Mobile and E-Commerce.
5. “Biometric Attendance with GPRS technique using Android Application”, getting 3rd prize in Speak IT'13- National Level Technical Paper Presentation & Competition held on 17th October 2013 at Sardar Patel Institute of Technology.

Subjects Taught

Big Data Analytics
Artificial Intelligence
Internet Programming (Choice Based)
Digital Signal and Image Processing.
Computer Simulation And Modelling
Image Processing
Internet Programming (Old Syllabus)
Open Source Technology.
Web Programming.
Data Structure and Algorithms.
Database Management System.
Information Storage Management for Disaster Recovery.

Institute/Departmental level committees:

- Departmental NAAC Coordinator
- NPTEL Departmental Coordinator.
- Direct Second Engineering Admission Committee member.

- Entrepreneur Cell Committee member.
- Working on Result Analysis.
- Worked as Aura Coordinator from the IT Department.
- Worked as a coordinator for the Faculty Development Program on “Research Methodology for PhD Aspirants”.
- Member of Internal Complaint Committee Cell.
- Involved in NAAC/NBA related work.
- Worked as Alumni Coordinator of IT Department.
- Project Guide for Final Year students in IT Department.
- Laboratory Incharge.
- Worked as Departmental Exam(Oral/Practical) Time Table Incharge.
- Departmental Proctor Coordinator.
- Handling the responsibilities of Class Incharge.
- Actively involved in Exam related Work(Invigilation, Assessment, Exam Duty).
- Handling the responsibilities of Module Coordinator and Course coordinator.

Hobbies:

Reading, Net surfing, Listening Music.

Personal Information

Date of Birth: 22/06/1979

Permanent Address: 104, Sahara Plaza CHS, Opp Hayat Complex, Kalyan [W]-421301

Mobile: 9821154828

Nationality: Indian

Gender: Female

E-mail: nshah@somaiya.edu

Languages Known: English, Hindi, and Marathi