



Name Smt. Heena Kausar Feroz Khan

Designation Lecturer, Information Technology

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Date of Birth 23/09/1984

Unique id DTEHFQF8401

Educational Qualification M.E.(Computer Engineering)

Work Experience: 12.5 years

MAJOR EXPERIENCE DETAILS:

Sr.no	Name of Industry/ Institute	Post	Experience in Yrs.
1	Bharati Vidyapeeth College of Engineering, Pune	Visiting Lecturer	1.5 YEARS
2	Government Polytechnic	Lecturer in Information (MPSC Selected)	11 years

Courses taught at Diploma/ Post Diploma/ Under:

Operating Systems, Data Structures, Computer Networks, Object Oriented Programming Using C++, Digital Techniques and Microprocessor, Programming in C, Computer Security , Linux Basics, Network Management and Administration, Multimedia Techniques.

Notable Research guidance/Project Guidance

1. Guidance provided to National Hackathon Winning team Year 2019-2020 "One Tap Help"
2. Guidance provided to the winning team year 2020-2021 at State Level .

Projects Undertaken and Carried out:

1. Worked as a co-coordinator for gppune website under MIS.
2. Maharashtra State Board of Technical Education Curriculum Development Project(I scheme) :

- Worked as a Member in design and development of I-Scheme curriculum for various level courses.
3. Maharashtra State Board of Technical Education Curriculum Development Project(I scheme) : Worked as a Member in design and development of I-Scheme Laboratory Manual.
 4. Maharashtra State Board of Technical Education Curriculum Development Project(I scheme) : Worked as a Member in designing Sample Question Papers.
 5. Worked as a Member in developing the Learning Material for the Course Emerging Trends in Computer and IT.
 6. Worked as a Member in developing the MCQ Question Bank for the course Emerging Trends in Computer and IT.
 7. Maharashtra State Board of Technical Education Curriculum Development Project for Diploma in Artificial Intelligence and Machine Learning : Worked as a Member in design and development of Diploma in Artificial Intelligence and Machine Learning course Mathematics in AI and ML.

Appreciations/Awards /Certifications Received/Acquired

1. Awarded Mentor certificate as part of Smart India Hackathon winner project.

Papers Published in Journal

1. Threats and Security in Manets (International Interdisciplinary Conference Hotel Aurora Towers, Pune.)
2. Scaling, Sharding and Querying large databases (35th World Management congress Hotel Aurora Towers, Pune.)
3. Approach for Authentication Key Exchange Protocol in Distributed System: A Survey (IJIRCCE Online Journal, Volume 4, Issue 12, December 2016)
4. Frequent Itemset Mining Approach using Mapreduce in Hadoop Environment: A Survey (IJIRCCE Online Journal, Volume 4, Issue 12, December 2016)
5. Parallel Mining of Frequent Itemsets using Mapreduce (IJRSET Online Journal, Volume 6, Issue 6, June 2017)
6. Data Partitioning and Parallel Frequent Itemset Mining using Hadoop Environment (cPGCON 2017 Paper Presentation Savitribai Phule Pune University Sandeep Institute of Technology and Research Centre,Department of Computer Engg Nasik.)

Learning Material Development

1. Emerging Trends in Computer and IT (I-Scheme)
2. Lab Manual Developed for Data Communication and Networks (I-Scheme)
3. Lab Manual Developed for Programming in C (I-Scheme)
4. Learning Material for Multimedia Techniques Course (GP Pune)
5. Lab Manual Developed forLinux Basics course (GP Pune)

Training Programmes Attended Since Last 5 years

Sr.no	Title	From	To	Mode	Venue
1	Trainers Training Programme on development of soft skills	4.7.2011	8.7.2011	Office	Government Polytechnic, Pune

2	Induction Phase - I	17.9.2012	28.09.2012	Office	NITTR, Pune
3	Induction Phase - II	14.10.2013	25.10.2013	Office	NITTR, Pune
4	YASHADA Foundation Program	30.12.2013 13.01.2013 03.02.2016	11.01.2013 01.02.2013 08.02.2013	Office	YASHADA, Pune
5	"La Tex " Hands on skill development workshop	20.10.2015	24.10.2015	Office	College Of Engineering, Jalgaon
6	Recent Trends in cryptography and network security	18.01.2016	22.01.2016	Office	College Of Engineering, Pune
7	First Course detailing workshop of first group second Semester	03.08.2016	05.08.2016	Office	NITTR, Pune
8	Final Course detailing workshop of first group second Semester	30.08.2016	01.09.2016	Office	NITTR, Pune
9	Anroid Appllcation development	30.01.2017	03.02.2017	Office	Government Polytechnic, Pune
10	Second Course detailing workshop for first group fourth Semester	29.03.2017	31.03.2017	Office	NITTR, Pune
11	Design and development of Lab instruction & Question paper design II Semester	03.07.2017	07.07.2017	Office	NITTR, Pune
12	Academic Audit for eфекtive curriculum Implementation & Evaluation	18.12.2017	22.12.2017	Office	NITTR, Pune
13	Design and development of Lab instruction & Question paper design III Semester	15.01.2018	19.01.2018	Office	NITTR, Pune
14	Enhancing	05.02.2018	09.02.2018	Office	NITTR, Pune

	Employability skills				
15	Editing and validation of lab instruction and question paper III semester	13.03.2018	16.03.2018	Office	NITTR, Pune
16	Second additional workshop for inplant training course detailing	10.09.2018	12.09.2018	Office	NITTR, Pune
17	AI and Deep Learning With hands on	19.12.2018	23.12.2018	Office	College Of Engineering, Pune
18	NPTEL"Programming in C++ " online FDP	19.07.2020	19.09.2020	Online	SWAYAM-NPTEL online Course
19	"Cloud Computig " online FDP	19.08.2020	19.10.2020	Online	SWAYAM-NPTEL online Course
20	Cloud, Fog and Edge Computing	14.04.2020	18.04.2020	Online	NITTTR, Chandigarh (Online)
21	FDP on MATLAB Applications in Engineering & Science	27.04.2020	01.05.2020	Online	Government College Of Engineering, Karad & Rajkiya Engineering College, Azamgarh (Online)
22	STC on Academic Leadership Enhancement in Technical institutions	04.05.2020	8.05.2020	Online	NITTTR, Chandigarh (Online)
23	STC on Data Science using R	11.05.2020	15.05.2020	Online	NITTTR, Chandigarh (Online)
24	FDP on Machine Learning & Deep Learning Applications in Engineering & Science	16.05.2020	20.05.2020	Online	Government College Of Engineering, Karad & Rajkiya Engineering College,

					Azamgarh (Online)
25	Signal Image & Video Processing: A practical Approach	26.05.2020	30.05.2020	Online	Government College Of Engineering, Karad (Online)
26	STC on Cyber Security	08.06.2020	19.06.2020	Online	NITTTR, Chandigarh (Online)
27	Information Security 5-Secure Systems Engineering	Jan-21	Mar-21	Online	SWAYAM- NPTEL online Course
28	Orientation Towards Technical Education and curriculum aspect	Sept 2021	Oct 2021	Online	NITTT Online based test remote proctored (RP-OBT)
29	Professional Ethics and Sustainability	Sept 2022	Oct 2021	Online	NITTT Online based test remote proctored (RP-OBT)