

AB. QAYOOM SOFI

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Department:

Department of Computer Applications.
Shaheed Himayun Muzzamil Memorial,
Government Degree College, Anantnag.

Designation:

Sr. Assistant Professor

Teaching Experience as on JAN 2026: 14+ years

Area of Interest/Specialization:

Programming (C/C++, JAVA, Python), DBMS,
Computer Organization, Operating systems,
Software Engineering, Artificial Intelligence and
Machine Learning.



Role:

1. **Sr. Assistant Professor and Head, Department of Computer Applications.**
2. Convener, Intellectual Property Rights (IPR) Committee.
3. Co-Convener, IQAC Committee.
4. Member, AI, Cybersecurity and Digital Safety Committee
5. Member, Committee for specially abled students.
6. Member Disciplinary Committee.
7. Cyber First Responder.

Academic Qualification

Degree	Institution	Year of Passing	Grade /Percentage
PhD	Lovely Professional University, Punjab	Pursuing (Pre-Submission Qualified, Final Thesis Submitted, Viva Pending)	-
'B' Level	DOEACC	2008	C Grade / 55-64%
MCA	IGNOU	2005	1 st Grade / 64.11%
BSc.	University of Kashmir	2001	1 st Division / 60.11%

Publications

International / National Journals

SNO	Publication detail as per IEEE Reference Format	Year of Publishing
1	An Effective Deep Learning-Based Ensemble Model for Heart Diseases Prediction (SCIE Journal- Q1 Rank)	2025
2	Applications of GNNs and m-Health for Disease Tracking (Book Chapter)	2023
3	Evaluating Business Productivity And Improving Through Expert Systems. Remarking, an Analisation Vol-2 ISSUE-5 AUGUST 2017, P 100 Ab. Qayoom Sofi and Ovass Shafi Zargar	2017
4	Overview of Big Data & Study of Processing Techniques for Big Data. Remarking, an Analisation Vol-2 ISSUE-4 JULY 2017, P 59 Ovass Shafi Zargar and Ab. Qayoom Sofi	2017
5	Package Oriented Requirements Analysis for Best performance and Quality Systems. International Journal of Engineering and Management Sciences. VOL.8 (2) 2017, P130 -133 Ab. Qayoom Sofi and Ovass Shafi Zargar	2017
6	Requirements Elicitation for Context Aware Systems. International Journal of Engineering and Management Sciences. VOL.8 (2) 2017,P134 - 139 Ovass Shafi Zargar and Ab. Qayoom Sofi	2017
7	Improving Business Productivity Through Data Analytics And Machine Learning Ab. Qayoom Sofi and Ovass Shafi Zargar International Journal of Scientific and Technical Advancements, Volume 4, Issue -1, Feb 2018 PP 9-14	2018
8	Review Of Cloud Computing & Security Concerns Of Cloud Computing Ovass Shafi Zargar and Ab. Qayoom Sofi International Journal of Scientific and Technical Advancements Volume 4, Issue -1, Feb 2018 PP 49-54	2018

Conference Publications (International / National/ state)

SNO	Publication detail	Year of Publishing
1	A Comprehensive Analysis of Deep Learning Techniques for Effective Heart Disease Prediction.	2023
2	A comparative analysis of machine learning techniques for effective heart disease prediction.	2022
3	Applications of Machine Learning for Designing Intelligent Decision Support System for Accurate, Early and Efficient Identification of Diseases.	2023
4	Review of Cloud Computing & Security Concerns of Cloud Computing.	2018
5	Improving Business Productivity Through Data Analytics And Machine Learning.	2018
6	Applications Of Automatic Systems For Improving Business Productivity.	2018
7	Applications Of Machine Learning And Data Analytics In Improving Business Productivity.	2018

8	Applications Of Machine Learning In Intelligent Systems.	2018
9	Knowledge Management Systems- An Analysis	2017

Seminars /workshop/ Refresher/ Orientation/ Short Term courses

SNO	Name of the Course	Year	Conducting Agency	Duration	Dates (Starting and Ending)
1	Induction training on “CyberPeace First Responders and Myth Busters”	2026	Cyber Peace Foundation with Support from Google.org	10 Hours (online)	15-8-26 to 20-8-2026.
2	Workshop on “Introduction to Embedded Systems and Robotics”	2025	Islamia College of Science and Commerce, Srinagar.	Two Days	25 th and 26 th August 2025
3	Refresher Course in ICT (Interdisciplinary)	2024	Malaviya Mission Teacher Training Centre, University of Kashmir.	Two Weeks	13 th Nov 2024 to 29 Nov. 2024
4	Subject Refresher Course in ICT and Computer Applications	2024	UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh	Two Weeks	17 February to 01 March 2024.
5	Refresher Course in Research Methodology (Multidisciplinary)	2022	UGC –Human Resource Development Centre, University of Kashmir in Collaboration with Govt. College for Women, M.A. Road, Srinagar.	Two Weeks	18 th October 2022 to 02 Nov 2022
6	One Week National Level Faculty Development Program On Amazon Web Services	2022	AICTE (ASC)	One Week	22nd Aug 2022 to 27th Aug 2022
7	Refresher Course in Environmental Studies	2021	UGC Human Resource Development Centre, Ali Garh Muslim University (AMU)	Two Weeks	25-10-2021 to 09-11-2021
8	Faculty Development Programme on “Advanced Concepts for developing MOOCS”	2020	Teaching Learning Centre, Ramanujan College, University of Delhi, GOI, MHRD	Two Weeks	02-07-2020 to 17-07-2020
9	National Level E-Workshop on Disaster Management Preparedness	2020	SHRI R.L.T.College of Science, AKOLA and Department of Life Long Learning and Extension Sant Gadge Baba Amravati University, Amravati.	Three Days	27-06-2020 to 29-06-2020
10	Online Short term Course on Research Methodology	2020	SHRI R.L.T.College of Science, AKOLA in association with Ph.D Cell, S.G.B.A.U. Amravati,	Three Days	13-07-2020 to 16-07-2020

			Amravati University		
11	UGC Sponsored Special Refresher Course in Human Rights	2018	UGC –Human Resource Development Centre University of Kashmir.	Three weeks	10-12-2018 to 31-12-2018
12	Gender Sensitization –An Analysis of Male Perception	2018	Department of Sociology and Social Works, Govt. College for women, M.A Road, Srinagar.	One Day	06-10-2018
13	Smart teaching learning practices	2018	Post Graduate Department of Computer Sciences, Govt. College for women, M.A Road, Srinagar. (As Organizing Secretary and Convener)	One Day	05-10-2018
14	Open Source Technologies and Advanced System Software Development	2017	Post Graduate Department of Computer Sciences, Govt. College for women, M.A Road, Srinagar. (As Organizing Secretary and Convener)	One Day	12-10-2017
15	Photography	2017	Mass Communication and Journalism department, Govt. College for women, M.A Road, Srinagar. (As Organizing Secretary and Convener/Co-ordinator)	Two Days	9-11 September 2017
16	UGC sponsored National Seminar on Electronic Devices, Systems and Information Security	2017	PG Department of Electronics and Instrumentation Technology, University of Kashmir, Srinagar.	Two Days	24th and 25th March 2017
17	National workshop “E-Yantra”	2016	ERTS Lab, Department of Computer Science & Engineering Indian Institute of Technology, Bombay with IUST, Srinagar.	Two Days	25 th and 26 th April 2016
18	National Seminar on “Towards new horizons with interplay between Physics and Computer Science”	2014	Amar Singh College Srinagar	Two Days	09 th and 10 th June 2014
19	UGC Sponsored Special Winter School Refresher Course	2014	HRDC (UGC-Academic Staff College) University of Kashmir.	Three weeks	06-02-2014 to 26-02-2014
20	UGC Sponsored General Orientation Course.	2013	HRDC (UGC-Academic Staff College), University of Kashmir.	Four Weeks	02-03-2013 to 28-03-2013