AB. QAYOOM SOFI

Contact: 7006149983

Email: abqayoom.sofi@gmail.com

Department: Department of Computer Applications.

Shaheed Himayun Muzzamil Memorial,

Government Degree College, Anantnag.

Designation: Sr. Assistant Professor

Teaching Experience as on JAN 2024:   17+ 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. Member Secretary Planning and Development Committee.
3. Co-Convener ICT Committee.
4. Co-Convener Committee for specially abled students.
5. Member IQAC Committee.
6. Member Disciplinary Committee.

Academic Qualification

Degree	Institution	Year of Passing	Grade /Percentage
PhD	Lovely Professional University, Punjab	Pursuing	-
'B' Level	DOEACC	2008	C Grade / 55-64%
MCA	IGNOU	2005	1st Grade / 64.11%
BSc.	University of Kashmir	2001	1st Division / 60.11%

Publications

International / National Journals

SNO	Publication detail as per IEEE Reference Format	Year of Publishing
1	A Novel SMOTE-based Deep Learning Ensemble Model for Effective and Efficient Prediction of Cardiovascular Disease	2024
2	Applications of GNNs and m-Health for Disease Tracking (**Book Chapter**)	2023
3	Evaluating Business Productivity And Improving Through Expert Systems. Remarking, an AnalisationVol-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	2023
3	Applications of Machine Learning for Designing Intelligent Decision Support System for Accurate, Early and Efficient Identification of Diseases. **Ab. Qayoom Sofi**	2023
4	Review Of Cloud Computing & Security Concerns Of Cloud Computing Ovass Shafi Zargar and **Ab. Qayoom Sofi** International Journal of Scientific and	2018

	Technical Advancements Volume 4, Issue -1, Feb 2018 PP 49-54	
5	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
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	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
2	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	18th October 2022 to 02 Nov 2022
3	One Week National Level Faculty Development Program On Amazon Web Services	2022	AICTE (ASC)	One Week	22nd Aug 2022 to 27th Aug 2022
4	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
5	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
6	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
7	Online Short term Course on Research Methodology	2020	SHRI R.L.T.College of Science, AKOLA in association with Ph.D Cell,	Three Days	13-07-2020 to 16-07-2020

			S.G.B.A.U. Amravati, Amravati University		
8	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
9	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
10	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
11	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
12	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
13	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
14	**National workshop "E-Yantra"**	2016	ERTS Lab, Department of Computer Science & Engineering Indian Institute of Technology, Bombay with **IUST, Srinagar.**	Two Days	25th and 26th April 2016
15	**National Seminar** on "Towards new horizons with interplay between Physics and Computer Science"	2014	Amar Singh College Srinagar	Two Days	09th and 10th June2014
16	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
17	UGC Sponsored **General Orientation Course.**	2013	HRDC (UGC-Academic Staff College), University of Kashmir.	Four Weeks	02-03-2013 to 28-03-2013