

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 ICT/Website Committee.
3. Member IQAC Committee.
4. Co-Convener Committee for specially abled students.
5. Member Disciplinary Committee.

Academic Qualification

| Degree | Institution | Year of Passing | Grade /Percentage |
|---------------|--|------------------------------------|-----------------------------------|
| PhD | Lovely Professional University, Punjab | Pursuing (Thesis Submitted) | - |
| '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 | 2023 |
| 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 |

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| 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 | 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 |
| 2 | Refresher Course in ICT (Interdisciplinary) | 2024 | Malaviya Mission Teacher Training Centre, University of Kashmir. | Two Weeks | 13 th Nov 2024 to 29 Nov. 2024 |
| 3 | 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. |
| 4 | 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 |
| 5 | One Week National Level Faculty Development Program On Amazon Web Services | 2022 | AICTE (ASC) | One Week | 22nd Aug 2022 to 27th Aug 2022 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |

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| 9 | 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, Amravati University | Three Days | 13-07-2020 to 16-07-2020 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |
| 19 | UGC Sponsored General Orientation Course. | 2013 | HRDC (UGC-Academic Staff College), University of | Four Weeks | 02-03-2013 to 28-03-2013 |

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