

BIO NOTE

FOR BEST TEACHER AWARD 2026

Prof. Sukhdeep Singh
Assistant Professor of Mathematics
Miri Piri Khalsa College, Bhadaur, Barnala, Punjab

Prof. Sukhdeep Singh is a dedicated and committed educator serving as an Assistant Professor of Mathematics at Miri Piri Khalsa College, Bhadaur, since January 2023. He is passionate about academic excellence, student development, innovative teaching and continuous professional growth.

He holds an **M.Sc. in Mathematics with 88%**, **B.Ed. with 84.36%**, **P.G.D.C.A. with 80%**, **D.El.Ed. with 85.90%**, **N.T.T. with 72%**. He has also qualified **PSTET-I and PSTET-II**. He teaches Mathematics to students of **BCA, B.A., B.Com., Class XI and Class XII**, with a focus on conceptual understanding, effective teaching and practical application of knowledge.

Research and Academic Contribution

Research and academic development are important components of his professional journey. He has **published research papers** on diverse topics including **Fibonacci Sequence, Importance of Discrete Mathematics in Computer Science, Challenges for Higher Education, Artificial Intelligence (Approach, Benefits & Limitations), and Cyber Security (Threats & Solution)**.

He has actively participated in academic conferences and seminars and has **presented research papers at national and international platforms**. His academic presentations have covered areas including **Computational Techniques, Mathematics, Education, Information Technology, Sustainability and interdisciplinary studies**. He has presented papers at events such as the **International Conference on Frontiers in Education, Management and Information Technology**, the **International Punjabi Conference**, and various national seminars and conferences.

He also contributes to scholarly activities as an **active review member of the Journal of Emerging Technologies and Innovative Research (ISSN: 2349-5162)**. His involvement in research publication, paper presentation and academic review reflects his commitment to continuous learning and knowledge sharing.

Professional Development and Teaching Innovation

Prof. Sukhdeep Singh has actively participated in several **Faculty Development Programmes** covering areas such as **Data Science using Python, Research Writing Skills, Innovation & Entrepreneurship, Digital Pedagogy, Artificial Intelligence, Sustainable Research, Excel and SPSS**. These programmes have helped him enrich his teaching practices and remain engaged with contemporary developments in education and technology.

Alongside classroom teaching, he encourages students to develop practical skills in **programming and problem-solving**. He has guided students in **Java and Python** and supported them in developing academic and technology-based projects. He has also developed **Library Management Software and Student Attendance Software**, and has developed an attendance machine using **ESP32 and Arduino Uno**.

He has contributed to institutional faculty development as the **Co-ordinator of the Faculty Development Programme on Stress Management**, organised by the Department of Computer Science in collaboration with ICT Academy.

Prof. Sukhdeep Singh believes that an effective teacher should continuously **learn, innovate and inspire**. His teaching approach combines strong subject knowledge, research orientation, student-centred learning and appropriate use of technology. He strives to create learning experiences that develop students' academic understanding, confidence, creativity and problem-solving abilities.

Through his sustained contributions to **teaching, research, paper presentation, academic development, student mentoring and educational innovation**, Prof. Sukhdeep Singh continues to contribute meaningfully to the academic growth of his institution and the holistic development of his students.