Name: Ritu Singh Kalsi

Date of Birth: 8th July 1984

Email: sagarthind@gmail.com

Educational Qualifications:

- ❖ B.Sc. (Science-Pass course) under Honors School, Panjab University Campus, Sector-14, Chandigarh
- ❖ MCA (Masters in Computer Applications) from Regional Institute of Management & Technology (RIMT), Mandi Gobindgarh
- ❖ Pursuing Ph.D. from Regional Institute of Management & Technology (RIMT), Mandi Gobindgarh

Technical Experience: Six Months Training on Project titled **"Organizational Information System of CSIO" at** CSIO (Central Scientific Instruments Organization) in June 2009.

Certification: Done certification in DOEACC "O" level course ASP .Net from (NICT) National institute of Computer Technology accredited by Dept. of Electronic Government of India.

Current Job: Working as Assistant Professor in Post Graduate Department of Computer Applications in Post Graduate Govt. College for Girls, Sector-11, Chandigarh since September, 2010.

Teaching Experience: 13 Years.

Subjects Taught:
- ❖ BCA 1st Year: Personal Computing Software, Mathematical Statistics, Computer Organization, C Language.
- ❖ BCA 2nd Year: Client Server Computing ORACLE, Computer Based Numerical Methods.
- ❖ BCA 3rd Year: Web Development Using PHP, Discrete Mathematics, Internet Programming Using Java, VB .Net.
- ❖ PGDCA: Fundamentals of Information Technology.
- ❖ M. Sc. IT: Software Engineering, Advance Database Management.

Teaching Competencies
- ❖ Interacting Well with Students.
- ❖ Creating a Learning Environment.
- ❖ Good at Lesson Plan Design.
- ❖ Able to Use Varied Teaching Strategies.
- ❖ Able to Assess.
- ❖ Able to Identify Student Needs.
- ❖ Demonstrating a Commitment to the Profession.
- ❖ Able to Collaborate.

Consultancy Services:
- ❖ Provided consultancy Services on honorary basis in SYMPON, Mohali for developing, testing and implementing software for Institutional Governance.

Paper Setter:
- ❖ Question Paper setter and Exam Sheets Checker at Punjab Infotech Pvt. Ltd., Sector 17, Chandigarh.

College Duties:
- ❖ Member of Core Committee for Updation of College information for AISHE (All India Survey of Higher Education).
- ❖ Member & Innovation Ambassador of Institution's Innovation Council at College.

- ❖ Member of ARIIA Committee of the College.
- ❖ Care taker of NCC, Army Wing from Jan 2022 to August 2022.
- ❖ Performed duty in College Annual Prize Distribution Function.
- ❖ Performed duty in Convocation.
- ❖ Contingent Incharge of BCA for Annual Sports day at college.
- ❖ Performed and Performs Invigilation duty in PU Examination.
- ❖ Performed and Performs on the Spot Evaluation Duty in PU Examination.
- ❖ Member of Designing team (College Prospectus 2017-18).

Departmental Duties

- ❖ Incharge, Add-on Course- Web Designing & Multimedia.
- ❖ Member of B.C.A. Admission Committee.
- ❖ Performed duties of Event Incharge in Tech Zeal (Inter College IT Fest).
- ❖ Tutorial in-charge of B.C.A.-III (Odd).
- ❖ Performed and Performs House Examination Duties.

Publications

- ❖ December-2018: Paper titled **"Big Data"** has been published in Volume-1, Issue-12, in International Journal of Research in Engineering, Science and Management with ISSN - 2581-5792.

- ❖ March- 2019: Paper titled **"Internet of Things"** has been published in Volume-2, Issue-3, in International Journal of Research in Engineering, Science and Management with ISSN - 2581-5792

- ❖ May-2016: Paper titled **"Pervasive Computing"** has been published in National Conference on Pervasive Computing.

- ❖ Paper titled **"Dr. B.R. Ambedkar and Indian Society"** has been published in One day Faculty Development Program on Dr B.R. Ambedkar, Indian Constitution and Indian Society.

- ❖ Nov 2011: Paper titled **"Social Networking and Privacy"** has been published in UGC sponsored National Seminar on " Web Information Systems & Technologies".

Workshops/Seminars/Conferences

- ❖ 09-01-2020: Participated in 7-day Faculty Development Program under the Aegisof RUSA on **"Education and Pedagogy in the times of Digital Humanities"** held at PGGCG -11, Chandigarh.
- ❖ 22-02-2017: Participated in Workshop on **"E-Waste Management in Tricity"** held at PGGCG -11, Chandigarh.
- ❖ 20-01-2017: Participated in RUSA sponsored Capacity Building Workshop on **"Digital Economy and Cyber Security"** held at PGGCG -11, Chandigarh.
- ❖ 29-03-2017: Participated in One day Workshop on **"Solar Energy-A key to the future"** held at PGGCG -11, Chandigarh.
- ❖ 28-03-2012: Participated in UGC sponsored National Seminar **"Media and Governance"** held at PGGCG -11, Chandigarh.
- ❖ 01-12-2015: Participated in One day Faculty Development Workshop on **"Research Methodology & Statistical Tools in Research"** under RUSA.
- ❖ 08-04-2015: Participated in 2nd National Conference on **"Advances in Computer Science, Communication Engineering & Applications "**at Chandigarh University.
- ❖ 29-03-2016: Participated in One Day Capacity Building Workshop on "Knowledge **Enhancement "**sponsored by RUSA.
- ❖ 28-01-2016: Participated in 10th International Conference on **"New Trends in Business and Management: An International Perspective"** held at Gyan Jyoti Institute of Management & Technology.
- ❖ 04-05-2020: Participated in Faculty Development programme National webinar on **"Corona Pandemic and Economic Challenges in India"** Organized by GADTLC , SGTB Khalsa College, University of Delhi

Paper Presented:

- ❖ 01-12-2022: Presented paper in 5th International Conference on **"Contemporary Trends in Multi-Disciplinary Research: Sustainability, Challenges and Strategies"**, held at RIMT University.
- ❖ 09-11-2011: Presented paper titled **"Social Networking and Privacy"** in UGC National Seminar on "Web Information Systems & Technologies"
- ❖ 20-01-2016: Presented paper on in One day Faculty Development Programme on "**Dr B.R. Ambedkar and Indian Society"** under RUSA.

❖ 05-08-2016: Presented paper in ICSSR sponsored National Seminar on: **"Challenges of Social Security and Social Inclusion for Inclusive Growth in India".**

❖ 28-03-2019: Presented paper titled "Occupational Categories of workers and conditions of employment" in ICSSR Sponsored National Seminar on **"Informal Employment in India: Issues and Challenges".**

FDP Attended:

❖ 09-01-2020 to 15-01-2020: Seven-day Faculty Development Programme **"Education and Pedagogy in the Times of Digital Humanities"**

❖ 25-11-2022 to 15-12-2022: National Level Faculty Development Programme on **Online Teaching Platform and Tools (Technology Management in Education)**

IIC Training:

❖ Completed "Foundation Level and Advanced Level" Training as an Innovation Ambassador of IIC.

IIC & Leadership Talks:

❖ Participated in Leadership Talk with Mr. Mahesh Babu CEO Mahindra Electric Mobility Ltd. India's First Leadership Talk Series session and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell organized by MHRD's Innovation Cell.

❖ Participated in Leadership Talk with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell organized by MHRD's Innovation Cell on 16th May, 2020.

❖ Participated in India First Leadership Talk Webinar with Prof D.P. Singh, Chairman UGC organised by MHRD's Innovation Cell on 9th May, 2020.

❖ Participated in Leadership Talk with Prof V Kamakoti, Director, IIT, Madras on "Out of the box thinking for Problem Solving" on 28th June 2022.

❖ Attended Regional meet (Conference) on IIC on 26 July 2022, held at Chandigarh University, Gharuan.

❖ Attended Innovation Talk on "Entrepreneurship and Innovation" to celebrate World Entrepreneur's Day on 22nd August 2022, held at PGGCG -11, Chandigarh.

❖ Participated in online session on "Yukti Innovation Repository" on 15th September 2022.

❖ Attended IIC Orientation session (IIC 5.0) on 11 January 2023.