



# St. Xavier's College

Dr. Camil Bulcke Path, Ranchi

## Faculty Profile

<b>Name of Faculty Member</b>	<b>: Dr. Kamaldeep</b>
Gender	: Male
Email ID	: kamaldeep@sxcraan.org
Name of Department	: Department of Computer Science & IT
Designation	: Assistant Professor
Level of Teaching	: Undergraduate and Postgraduate
Academic Qualification	: M.C.A., M.B.A., Ph.D.
Total Teaching Experience	: 14 Years and 08 Months
UGC-NET Qualified	: Yes

### **Research Papers Published:**

- 1) Published an article **"Evaluating the usability of mHealth Application on Type-2 Diabetes mellitus using various MCDM methods"**, Healthcare, Vol 10, Issue 1, 4, pp 1-29. 2022.
- 2) Published an article **"Multi criteria usability evaluation of mHealth Applications on Type-2 mellitus using Two Hybrid MCDM models: COPAS-FAHP and MOORA-FAHP"**, Applied Science, Vol 12, Issue 9, 4156, pp 1-26, 2022.
- 3) Published an article **"Usability evaluation and Classification of m Health Application for Type-2 Diabetes mellitus using MARS and ID3 Algorithm"**, International Journal of Environmental Research and Public Health, Vol 19, Issue 12, 6999, pp 1-28, 2022.
- 4) Published a paper on **"A systematic review on Usability of mHealth Application on Type-2 Diabetes mellitus"**, 2<sup>nd</sup> International Conference on next generation of Internet of Things (ICNGIoT – 2022), 3-4 February 2022, Proceeding in Lecture notes in Networks and System, Springer [Scopus Indexed].
- 5) Published a paper on **"Performance evaluation of Systemetric Encryption Algorithm using MCDM methods"**, 2022 IEEE 2<sup>nd</sup> International Symposium on

Sustainable Energy, Signal Proceeding and Cyber Security (ISSSC), Gunupur, Odisha, India, pp 1-6, 2022.

**Participation in UGC-HRDC Course/FDP/OC/RC:**

- 1) Participated in UGC-sponsored Refresher Course in **Environmental Science and Ecology** from 21.07.2023 to 03.08.2023 conducted by UGC-HRDC, Ranchi University, Ranchi.
- 2) Participated and completed successfully the Faculty Development Programme (FDP) on **Research Trends and Methodologies in Machine Learning** during 25<sup>th</sup>-29<sup>th</sup> July 2022, Organized by Department of Computer Science and Engineering (AIML), Computer Science and Engineering (CS), Computer Science and Engineering (DS) in association with IQAC, Haldia Institute of Technology.
- 3) Participated in FDP organized by Department of Geography in association with IQAC, St. Xavier's College (Autonomous), Ranchi from 12<sup>th</sup> April to 18<sup>th</sup> April 2021.
- 4) Participated in the three-day online FDP on **Digital Skills for Effective Teaching** organized by RUSA 2.0 – Entrepreneurship and Career Hub, University of Madras Chennai from 22.07.2020 to 24.07.2020.
- 5) Participated in three-day UGC-CPE Sponsored online Faculty Enrichment Programme on **"COVID-19 & Life Beyond: Challenges and Issues"**, Organized by IQAC, Nirmala College, Ranchi from 10<sup>th</sup>-12<sup>th</sup> July 2020.
- 6) Participated in UGC-sponsored Refresher Course (summer school, 2016) from 10.06.2016 to 30.06.2016 conducted by UGC-HRDC, Ranchi University, Ranchi.
- 7) Participated in UGC-sponsored Refresher Course (summer school, 2015) from 16.05.2015 to 07.06.2015 conducted by UGC-HRDC, Ranchi University, Ranchi.
- 8) Participated in UGC-sponsored 77<sup>th</sup> Orientation Course from 10.03.2014 to 06.04.2014 conducted by Academic Staff College, Ranchi University, Ranchi.

**Seminar/Conference attended/Paper Presented (National/International):**

- 1) Published a paper entitled **"Dynamic Pricing Strategies of Product for Minimizing Booking Cancellation: Using Machine Learning Algorithm,"** in 2024 IEEE International Women in Engineering (WIE) Conference on **Electrical and Computer Engineering** (WIECON-ECE), Chennai, India, 2024, pp. 460-465, doi: 10.1109/WIECON-ECE64149.2024.10914790.

- 2) A paper, entitled "**Advanced Fault Sleuth System Architectures for Prognostic Anomaly Detection and Autonomous Irregularity Mitigation in Intelligent Power Networks**" (paper id #1571111614), has been accepted in the 14<sup>th</sup> IEEE International Conference on **Communication Systems and Network Technologies** to be held on Mar 07-08, 2025.
- 3) A paper, entitled "**Mitigating Security Vulnerabilities in Cloud-Based Home Automation Through Advanced Edge Computing: a Comprehensive Framework for Privacy Enhancement and Data Protection**" (paper id #1571111618), has been accepted in the 14<sup>th</sup> IEEE International Conference on **Communication Systems and Network Technologies** to be held on Mar 07-08, 2025.
- 4) Published a paper "**Reservation Systems Cancellation Determination Using Machine Learning**", 2024 IEEE First International Conference for Women in Computing (InCoWoCo), Pune, India, 2024, pp. 1-5.
- 5) Participated in the first IEEE International Conference for Women in Computing (INCOWOCO 2024) and presented the research paper titled "**Reservation System Cancellation Determination Using Machine Learning**" held at Symbiosis Institute of Computer Studies & Research (SICSR), during 14<sup>th</sup>-15<sup>th</sup> November, 2024.
- 6) Participated in the third International Conference on "**Innovation in Software Architecture and Computational System (ISACS 2024)**" organized by Department of Computer Science & Technology, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, Kolkata, India held on November 13<sup>th</sup>-14<sup>th</sup>, 2024.
- 7) Participated in the first International Conference on "**Advent Trends in Computational Intelligence & Communication Technologies (ICATCICT 2024)**" and presented a paper titled "**A Comparative Study of Fraud Detection Algorithm in Food Delivery System**" organized by MG Aricent Educational Foundation, Yavatmal, India held on 9<sup>th</sup> November, 2024.
- 8) Participated in SERB Sponsored (Under Symposium & Seminar Scheme) Five-days Workshop on "**Recent trends of Artificial Intelligence in Online Education System**" at GIET University, Gunupur, Odisha during 1<sup>st</sup> to 5<sup>th</sup> Aug 2022.
- 9) Attended and presented a paper on "**A systematic review on Usability of mHealth Application on Type-2 Diabetes mellitus**", 2<sup>nd</sup> International Conference on next generation of Internet of Things (ICNGIoT – 2022), 3<sup>rd</sup>-4<sup>th</sup> February, 2022, Proceeding in Lecture notes in Networks and System, Springer [Scopus Indexed].

- 10) Attended a two-day National Webinar on “**Capacity Building for Research Scholars**”, Organized by St. Xavier’s College, Dumka, Jharkhand on 27<sup>th</sup>-28<sup>th</sup> July, 2020.
- 11) Participated in one-day International Webinar on “Python Basics for Data Analysis” organized by Department of BCA, CSC and IT, Mohamed Sathak Hamid College of Arts and Science for Women, Ramanathapuram, on 13<sup>th</sup> July 2020.
- 12) Attended a Webinar on “**Strategies Issues in Indian Financial Sector during COVID 19**”, Organized by Department of Business Administration, St. Xavier’s College, Ranchi on 25<sup>th</sup> June 2020.
- 13) Participated in a Webinar on “**Yoga Meditation for Peace and Stress Management**” on 21.06.2020, Organized by Cambridge Institute of Teachers Education, Angara, Ranchi.
- 14) Attended a Workshop on “**Research Methodology**”, 14<sup>th</sup>-15<sup>th</sup> September 2019 held at Usha Martin University, Ranchi.

[Dr. Kamaldeep]