St. Xavier's College

Dr. Camil Bulcke Path, Ranchi

Faculty Profile

Name of Faculty Member	:	**Dr. Supriya Gupta**
Gender	:	Female
Email ID	:	supriyagupta@sxcran.org
Name of Department	:	Department of Computer Science & IT
Designation	:	Assistant Professor
Level of Teaching	:	Undergraduate and Postgraduate
Academic Qualification	:	M.C.A., M. Tech (CS), Ph. D. (CS)
Total Teaching Experience	:	14 Years and 6 Months
UGC NET/SET Qualified	:	No

Research Papers Published:

1) **Optimal Cluster Selection Methodologies BAT Algorithm**, Webology, Vol 18, November 2022, ISSN: 1735-188X.

2) **Optimal Trajectory Path Algorithm for WCV**, Published in Neuro Quantology, Vol 20, Issue 10, August 2022, pp 4236-4248.

3) **A Review of Wireless Charging in WSN**, Springer, Trends in Wireless Communication & Information Security, 2021, pp 273-280.

4) **Pair Programming: Potential Benefits & Threats**, ICACC – 2013.

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

1) Participated in the Faculty Development Programme from 12th April to 18th April 2021 Organized by St. Xavier's College, Ranchi.

2) Participated in the Workshop on **Research Methodologies** from 14th – 15th September 2019 held at Usha Martin University, Ranchi.

3) Participated in the 93rd Orientation Programme from 20.11.2018 to 17.12.2018 organized by UGC-HRDC Ranchi University, Ranchi.

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

1) International Conference on **Emerging Trends in Wireless Communication Technologies and Information Security 2020**, "A Review of Wireless Charging in WSN", At Amity Ranchi.

2) Presented paper on the topic **Pair Programming: A co-creative paradigm for Connected Knowledge Acquisition and Competitive Advantage**, in International Conference on **Leveraging Information Technology for Competitive Advantage**, held on 21-22 February 2013 at Asian-Pacific Institute of Management, Delhi.

3) Pair Programming: Potential benefits and threats, International Conference in Advance Computing & Computation (ICACC), 2013.

Guest Lecture/Special Lecture Delivered:

1) Guest Lecture for Masters in Computer Application from 2005-2008 (BIT LALPUR).

[Dr. Supriya Gupta]