St. Xavier's College

Dr. Camil Bulcke Path, Ranchi

Faculty Profile

Name of Faculty Member	:	**Dr. Rakesh Raja**
Gender	:	Male
Email ID	:	rajarakeshchauhan@gmail.com
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.
Total Teaching Experience	:	12 Years and 06 Months
UGC NET/SET Qualified	:	No

Research Papers Published:

1) **A machine Learning based Prediction Medal for Preterm birth in Rural India**, **Rakesh Raja**, Inderjit Mukherjee, Bikash Kanti Sarka, Journal of Healthcare Engineering, Pages 11, 2021,

2) **A Systematic Review of Healthcare Big Data**, Rakesh Raja, Inderjit Mukherjee, Bikash Kanti Sarka, Scientific Programming, Pages 15, 2020.

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

1) Participated in the UGC sponsored 92nd Orientation Programme held during 05.09.2018 to 02.10.2018 organized by UGC-HRDC, Ranchi University, Ranchi.

2) Participated in the One week TEQIP–III approved FDP on **Research Through HPC**, held during term1: 19th Sep 2020, term2: 23-24 Jan 2021 and term3: 30-31 Jan 2021, Organized by Birla Institute of Technology, Mesra, Ranchi.

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

1) Participated in Healthcare Seminar on Science and Engineering Application held during 12th -13th February 2021, organized by BIT, Mesra, Ranchi.

2) Raja R, Mukherjee I, Sarkar B. K., **Healthcare Recommendation System**, In proceeding of fourth International Conference on Microelectronics, Computing and Communication System, Lecture note in Electrical Engineering, Springer, Vol 673, pp 451-458, 2021.

3) Two-week ISTE Workshop on **Computer Programming** conducted by IIT Bombay, under National Mission of Education through ICT held during 16-21 June 2014.

Book Authored/Edited/Chapter(s) in Book:

1) Rakesh Raja, Bikash Kanti Sarkar, "**An entropy based hybrid feature selection approach for medical datasheet**", Machine Learning, Big Data and IoT for Medical Informatics, Academic Press (Elsevier), Page 201-204, 2021, ISBN: 9780-12821-777-1

[Dr. Rakesh Raja]