FACULTY PROFILE

Name	**:**	Reema Joshi
E-mail	:	reema.csc@gmail.com
Mobile no	:	+918259807860
Joined on	:	01-11-2011
Educational Qualification	:	Master of Science (M.Sc) in Computer Science. Currently pursuing PhD in the field of Data Science.
Awards/Fellowships/Scholarship	:	Qualified the UGC National Eligibility Test (NET) for Assistant Professor
Teaching Experience	:	11years
Research Experience	:	Since 2012, in the form of paper presentation at conferences and research publications, across fields of computer science, philosophy and mathematics.

Social recognition/ Award/ Scholarship   :

- 4th rank holder in the University during B.Sc Computer Science degree level.

- Awarded the Certificate of Credit for English at the International Assessment for Indian Schools conducted by the university of South Wales in 2004.

- Awarded the Elite Level Certificate in the 12 week course on "Machine learning for Engineering and Science Applications", conducted by NPTEL, from January - April, 2019.

- Resource person for a short term course "Basic Introduction to Research Methodology". organized by the Department of Computer Application.

- Along Literary contribution , such as writing short stories and poems in Hindi, which have been published by houses like Diamond Books, and broadcasted and aired on TV and radio respectively.

Research Interest   : Machine Learning for Data Science and Computional Mathematics.

Professional Training   :

- Participated in the 4th Faculty Induction Programme organized by the Human Resouce Development Center (HRDC), NEHU, Shillong from 11-03-2021 to 10-04-2021

- Participated in the Psychological Counselling Training Workshop for Teachers, conducted on 01-07-2020 to 07-08-2020 by P.G. Department of Psychology, Department of Students Development and Human Resource Development Centre, Rashtasant Tukadoji Maharaj Nagpur, (Certificate awaited)

- Participated in the Faculty Development Programme on "Machine Intelligence and Internet of Things" held from 19-02-2018 to 23-02-2018 held by the Department of Computer Science and Engineering, Tezpur University, Assam.

- Participated in "The Edmund Rice Capacity Building" programme held at St. Edmunds College, Shillong from 10th-11th February 2012.

- Completed a two month workshop conducted by Avenues on International English and Communication from 13-12-2004 to 15-02-2005

- Completed a Guided project on "Covid19 Data Analysis Using Python" conducted by the Coursera Project Network in September 2020.

- Participated in the "One Week Online International Faculty Development Programme on "Technologies for Societal Needs- Real Time Applications of AI, ML and Research Karunya Institute of Technology and Sciences, Tamil Nadu, India and Department of Computer Science and Engineering, North eastern Regional Institute of Science and Technology, Arunachal Pradesh from 03-08-2020 to 07-08-2020.

- Participated in the 3rd One-week National workshop on "Emerging Tools and Technologies in Research", organized by the Department of Information Technology, Tripura University, from 15-12-2020 to 19-12-2020.

- Attended a short term course on "Video-Editing", organized by St Anthony's College Shillong from 12-08-2020 to 01-09-2020.

- Participated in the Five Day National Workshop on "Machine Learning in R and Python" Held during 28-01-2019 to 01-02-2019 organized by the Department of Computer science and Engineering, Tezpur University , Assam

- Participated in a workshop on "Higher Education; Reshaping the Learning Space", organized by IQAC, St. Edmunds College, Shillong on 29-08-2017

Member of Academic Bodies : Board of Studies for Information Technology, NEHU.

Publications :
1. Book Chapter on "Survey of Methods Used for Differential Expression Analysis on RNA Seq Data", International Conference on Biologically Inspired Techniques in Many-Criteria Decision Making (BITMDM-2019), Springer. Pages 226-239.

2. arXiv preprint on "Towards Proving the Twin Prime Conjecture using a Novel Method For Finding the next Prime Number P_{n+1} after a given prime no P_N and a Refinement on the Maximal Bounded Prime Gap G1" Indentifier : 2004.14819, Category : math.GM

Abstracts & Presentation in National/ International Seminar/Symposium :

1. Presented a Paper entitled "Optimized Thread Scheduler" at the Second National Conference on Trends and Challeenges in Research Areas of Computer Science held at Presidency College, Chennai helf on 24-02-2012 to 25-02-2012.
2. Presented a Paper on "University of Religion" at the National Conference on "Swamiji's Exposition of Practical Vedanta" organized by Department of Philosophy and History, St Anthony's College Shillong from 10-09-2013 to 11-09-2013.

Additional Responsibilities since 2018 (in St Edmund's College):

1. Member of the NAAC Committee since Academic Year 2020.
2. Member of the Counselling and Placement Cell, since May, 2021.
3. Member of the College Magazine Committee, since June,2021
4. Teacher-in-charge from the BCA department as part of Internet of Things project venture in the College, since February, 2022.
5. Member of the Research and Publication Cell(RPC), since April, 2018.
6. Serves as Coordinator for the webinar on "Trending Ideas and Innovation in I.T, organized by the Department of Computer Science, St Edmund's College, Shillong on 12-08-2018.
7. Served as joint coordinator for the webinar on "Introduction to Internet of Things and its Applications" delivered by Mr. Praveen Kumar Founder and CEO, Ekagga Technologies, Bangalore, held on 29-08-2020, organized by the Department of Computer Application, St.Edmund's College, Shillong.
8. Served as joint coordinator for the webinar on"Staying Fit in times of Corona Era: An Expert's Insights", organized by the Department of Computer Application, on 29-07-2021, delivered by Dr. Abhinav Arun Sonkar, Professor and Head (Department of Surgery), King George's Medical College, Lucknow, along with Dr Jasmine Mary and Publication Cell(RPC) since April 2008.
9. In charge of various activities held in College as part of the annual College Week, "Edblazon".