

Workshop Topic

Machine learning using R

Speakers:

- **Professor Amlan Chakrabarti (University of Calcutta)**

Brief Profile:

Professor Amlan Chakrabarti is presently the Dean Faculty of Engineering and Technology and Director of the A. K. Choudhury School of Information Technology, University of Calcutta. He is an M. Tech. from University of Calcutta and did his Doctoral research at the Indian Statistical Institute, Kolkata. He was a Post-Doctoral fellow at the School of Engineering, Princeton University, USA during 2011-2012. He is the recipient of DST BOYSCAST fellowship award in the area of Engineering Science in 2011, Indian National Science Academy Visiting Scientist Fellowship in 2014, JSPS Invitation Research Award in 2016 and Erasmus Mundus Leaders Award from EU in 2017. He has published around 120 research papers in referred journals and conferences. He has been involved in research projects funded by DRDO, DST, DAE, DeITY, UGC, Ministry of Social Empowerment, TCS and TEQIP-II etc. He is a Sr. Member of IEEE, Secretary of IEEE CEDA India Chapter and Member of ACM.

- **Mr. Saptarsi Goswami (University of Calcutta)**

Brief Profile:

Saptarsi has done his B. Tech from NIT, Jaipur. After completing his B. Tech he has worked in companies like Tata Infotech, PwC and Cognizant Technology solution for 10 + Years. He has done his M. Tech from Calcutta University and then has submitted his Ph.D. thesis in the area of feature selection in Calcutta University. He has 30 + papers in different reputed journals and conferences.

Publications of the Speakers' in the related field:

1. **S. Goswami, A. Chakrabarti** and B. Chakraborty An efficient feature selection technique for clustering based on a new measure of feature importance. Journal of Intelligent & Fuzzy Systems, IOS Press, **IF: 1.261**. 2017(Preprint):1-2.
2. A.K. Das, **S. Goswami, A. Chakrabarti** and B. Chakraborty, " A feature cluster taxonomy based feature selection technique," Elsevier Expert Systems with Applications, **IF:3.928** Vol. 28, Issue 1, pp. 81-94, 2017, doi:<https://doi.org/10.1016/j.eswa.2017.06.032>
3. A.K. Das, S. Goswami, **A. Chakrabarti** and B. Chakraborty, "A new hybrid feature selection approach using Feature Association Map for supervised and unsupervised classification," Elsevier Expert Systems with Applications, **IF:3.928** Vol. 28, Issue 1, pp. 81-94, 2017, doi:<https://doi.org/10.1016/j.eswa.2017.06.032>
4. **S. Goswami, A. Chakrabarti** and B. Chakraborty "A Proposal for Recommendation of Feature Selection Algorithm based on Data Set Characteristics," c. 2016 Jun 1;22(6):760-81.