ONLINE TRAINING COURSE ON MAKING DATA MEANINGFUL (Collection, Collation, Analysis and Presentation of Environmental Data)

November 2nd to 7th, 2020
Course Duration: 1 week (10 hours)
Course Platform: Zoom and Moodle

Environmental data as such does not speak much as it involves a large degree of complexity. The data starts speaking when it is analyzed and interpreted effectively and efficiently. The huge amount of environmental data being generated every hour which is not being used for making decisions, can help in restoring the environmental quality which is good for not only humans but also for the entire ecosystem. It is in this regard that CSE is organizing an online training course to address how environmental data can be made meaningful and presented in a understandable and relatable manner to the relevant stakeholders.

This 5 day training programme which will include technical sessions, class exercises and live Q&A sessions with experts for better and in-depth understanding of the basics to the participants. The module makes sure that the participants discuss, debate and understand different aspects of data management and presentation with the experts. The aspect of analyzing and presenting data in a more efficient manner through Microsoft Excel will also be a part of this training.

Who should attend?
This training programme will be useful for students, academicians, environmental consultants, government regulators and to any person working or studying in the field of environment, as data is one aspect that all have to work with to make their work relevant.

Topics to be covered
- Data collection
- Basics of Statistical methods- Range, standard deviation, mean, media, mode and frequency
- Distribution of data and fault finding
- Trend analysis
- Environmental load calculation
- How to do forecasting? – Analysis of variance, correlation and regression analysis
- Data Management and Analysis using Microsoft Excel
- Class exercises and presentation of data

Participant fees ₹2000/- per participant

Course coordinator
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