



Alva's Institute of Engineering & Technology
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REPORT

Faculty Development Program

ON


**“Methodology for Interdisciplinary
Research Framework”**

Many of today's global scientific challenges require the joint involvement of researchers from different disciplinary backgrounds. Such interdisciplinary research teams face many challenges resulting from differences in training and scientific culture. Interdisciplinary education programs are required to train truly interdisciplinary scientists with respect to the critical factor skills and competences. For that purpose this a One day Faculty Development Program was organised by dept. of Chemistry, on "**Methodology for Interdisciplinary Research (MIR)**", which was held on Friday, 22/11/2019.

Dr. Basavaraju B., Dept. of Chemistry, AIET was the Resource Person for the FDP. He explained that the Methodology for Interdisciplinary Research framework was built on the process approach, because in the process approach, the research question or hypothesis is leading for all decisions in the various stages of research. That means that it helps the MIR framework to put the common goal of the researchers at the centre, instead of the diversity of their respective backgrounds. The framework has been specifically constructed to facilitate the design of interdisciplinary scientific research, and can be applied in an educational program, as a reference for monitoring the phases of interdisciplinary research, and as a tool to design such research in a process approach. It is suitable for research projects of different sizes and levels of complexity, and it allows for a range of methods' combinations (case study, mixed methods, etc.).



The FDP was very much informative especially for the faculties who were doing their research on Interdisciplinary area in order to work towards research integrity in future.


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