

SREE NARAYANA COLLEGE, KOLLAM

**Report on Three Interactive, Co-learning Workshop
on Philosophy, Methods and Ethics in Science**

2018

ORGANIZED BY

**Post Graduate and Research Department of
Chemistry**

Sponsored by



**Kerala State Council for
Science Technology and Environment (KSCSTE)**

18-04-2017 to 20-04-2017



Interactive, Co-learning: Workshop on Philosophy, Methods and Ethics in Science

The P.G. and research department of Chemistry, SN College, Kollam organized a three day workshop on *Philosophy, Methods and Ethics in Science* from 18-20 April 2018 in association with Central Marine Fisheries Research Institute (CMFRI), Chennai and Kerala State Council for Science, Technology and Environment (KSCSTE), Trivandrum. The main aim of the workshop is to upgrade, refine and improve the qualities of teaching faculties to help themselves for a better research and teaching style. Modern science has an important influence on the development of society as a whole, compared with the days of the ill-fated Bruno. But while scientific progress has been rapid and astonishing, it is still disturbing for those people who feel excluded from the debate surrounding the application of science in new technologies and products. Furthermore, as scientific progress becomes increasingly fundamental to society, it is constantly challenging if not completely clashing with long-held beliefs concerning our ethical values. It is, therefore, necessary to conduct ethical discussions in order to adapt the use of

scientific knowledge—namely new forms of technology—to a general context that is in agreement with the basic principles of our civilization. Scientists should be concerned about the use of scientific knowledge and they should address the ensuing ethical questions, both in general terms and in terms of their own work.

The resource persons of the workshop were Dr.K.Vijayakumaran (Former Director FSI, Principal Scientist CMFRI, Chennai) and Dr.K.V.Jayachandran (Former Director & Dean of KUFOS, Kochi). Twenty teachers and research scholars from various colleges participated in the workshop. The inaugural programme started at 9.30 AM in G2 seminar hall with the prayer song Dr.B.T.Sulekha, Asst.Prof, Dept.of Zoology, S.N.College, Kollam welcomed the gathering. Dr.V.L.Pushpa (Convenor and HoD) presided over the function. The chief guests as well as the resource persons Dr.K.Vijayakumaran and Dr.K.V.Jayachandran together lighted the lamp in presence of the Principal, Dr.K.Anirudhan and other dignitaries. Dr.K. Anirudhan, Principal, SN College, Kollam inaugurated the function. He emphasized the need to explore the possibility and importance to train the teachers and research scholars for better teaching habits and research. In the inaugural address Dr.K.Vijayakumaran explained how to become a good researcher and scientist. Dr.K.V.Jayachandran explained about how to become a good teacher and how teaching becomes more interesting. Felicitation was offered by Dr.Sreeja.T, Asst.Prof, Dept.of Chemistry, TKMM College, Nangiarkulangarawhich was followed a vote of thanks by Smt.Divya.V, Research Scholar, Dept.of Chemistry, S.N.College, Kollam. The technical sessions were started after the inaugural session at 11.30 am. The Dr.K.Vijayakumaran took a deep and well explained class on philosophy, methods and ethics in science. His excellent class continued on the FN session as well and participants were highly benefitted from the class. The AN session was taken by Dr.K.V.Jayachandran on research methodology and gives a training on writing research paper. All the participants were highly benefitted from the session. Second and third day of the workshop includes a hands own training session which includes the ethics of research paper writing, philosophy of science and teaching. The session was highly interesting which helped the participants a new approach of teaching and co-learning. The workshop came to end with a valedictory session presided over by Dr.V.L.Pushpa (HoD and convener). All the participants praised the function as an excellent training programme.



Photo session of participants in the workshop with Principal Dr.K.Anirudhan and

Resource person



Participants of the workshop excited with Co-learning Training



After three days workshop