

DST – FIST

The Department of Science and Technology initiated the Scheme “Fund for Improvement of S&T Infrastructure (FIST)” to provide basic infrastructure and enabling facilities for promoting R&D activities in new and emerging areas and attracting fresh talents in universities & other educational institutions. It is considered as complimentary support for enabling Departments/ Centres/ Schools/ Colleges to pursue research activities more effectively and efficiently.

The Scheme provides optimal infrastructure facilities for post-graduate and higher research, such as, renovation of existing laboratory space (no fresh constructions) and cold room, modernization of laboratories involved in PG and higher research, acquisition of essential equipment, up-gradation of existing facilities, networking & computational facilities including software & databases, scientific & technical books, maintenance & refurbishment of existing and new facilities etc. The facilities provided under the Program are intended to support the efforts of the Department as a whole or a number of faculty members in the Department. Sree Narayana College, Cherthala has been supported by FIST from the year 2018 onwards. Five science departments of our college are supported under the scheme.

Facilities Created in the First Phase of Implementation

Four major research equipment were purchased namely, UV-Visible spectrophotometer with DRS attachment, Upright microscope with phase contrast, dark field and fluorescence, FTIR with Diamond ATR and Autoanalyzer. Various other minor equipment were also purchased. The facilities in the UG and PG laboratories of the Science departments have improved with the inclusion of new instruments procured under the FIST programme. Also, the books purchased with the FIST funding added strength to our library. The equipments procured using the FIST funds are open for use by the nearby colleges and academic institutions on allocated timings. The facilities under FIST fund has helped inter-collegiate and inter-disciplinary research within and among the various departments and academic institutions.

FIST Committee

Dr. P N Shaji : Chairman
Principal -in- charge

Dr. Savitha N : Co-ordinator
Assistant Professor in Physics

Dr. Dhanya Viswam : Member
Associate Professor in Chemistry

Dr. Reshmi V : Member
Associate Professor in Zoology

Rajesh R : Member
Associate Professor in Computer Science

Smt. Bhanupriya S : Member
Assistant Professor in Botany



DST - FIST Research Lab



Students engaged in research projects and demonstration of FTIR and UV Visible Spectrometer