

RESEARCH PLAN

Research plan defines the key goal of research and developmental activities in the College. Five strategy statements are framed to visualize the research goal and each strategy is to be materialised in specific actions.

Goals:

The college administration envisions upgrading all postgraduate departments as research departments with the objective of training scholars to commit themselves to achieve high-impact, translational, and innovative research, scholarship, and creative work that addresses state, regional and world challenges in the concerned disciplines.

Strategies:

Strategy - 1	Involve undergraduate and graduate students in rich and varied research, creative projects and other opportunities
Action 1.	Begin research orientation sessions for undergraduate students, which encourage them to go beyond their personal knowledge to explore an idea, probe an issue, solve a problem, or to make an argument in relation to what others have written.
2.	Provide opportunities for primary research/firsthand investigation -- such as analysing a literary text, a film, or a performance; conducting a survey or an interview; or carrying out a laboratory experiment in order to arrive at primary sources--which include statistical data, historical documents, or works of literature or art.
3.	Guide students to identify and examine secondary research on the subject, making them aware of what other researchers have made of the subject.
4.	Initiate activities that constitute a research paper: discovering, assessing, and assimilating others' research in order to build on them and then articulating Students' own understanding of the subject clearly and persuasively.
5.	Insist on a guided research paper in every semester of the programme duration.
6.	Increase student knowledge for preparing scholarly proposals through additional research-based courses to enable students to write programme-end dissertations.

Strategy - II	Broaden resources and support for significant growth in research opportunities for research scholars and Faculty.
Action 1.	Publish from time to time the funded projects of the UGC, Government, and non-government agencies such as industry, corporate houses, international bodies endowments etc., for various levels: undergraduate, graduate, doctoral and Faculty.
2.	Create eco system for innovation including incubation centre/ a vivarium research facility and other initiatives for creation and transfer of knowledge literature or art.
3.	Conduct workshops / seminars to update on current developments/trends in relevant disciplines and interdisciplinary areas and also to put to good use industry-academia innovative practices
4.	Initiate activities that constitute a research paper: discovering, assessing, and assimilating others' research in order to build on them and then articulating Students' own understanding of the subject clearly and persuasively.
5.	Enlist senior research faculty to mentor, advice, and assist early career tenure track faculty.
6.	Establish clear and open lines of communication about measuring faculty research productivity.

7.	Focus on enhancing college library to support research and creative work. Ensure the available facilities are utilized to their optimum level.
8.	Ensure that college library provides access to current online publications and databases and to print collections from e-resources of other libraries
9.	Organise discipline-wise exhibitions.
10.	Continue and extend commitment to national and international collaborations
11.	Emphasize experimental undergraduate and graduate learning and research through integrative services, programmes and courses; develop a wide range of one or two credit research/professional courses, or topical modules, that have value and appeal across broad disciplines.
12	Implement innovations in digital technology and communication for researchers who are developing and preparing grant applications, preparing graduate fellowship applications, writing proposals for funded research projects, or using the visual arts for enhancing graphics and illustrations in scientific writing and presentations.
13.	Promote educational visits for direct experience.

Strategy- III	Develop high-performance research computing initiatives to facilitate research and advance big data analyses and applications across all disciplines
Action 1.	Procure and support computational resources for faculty and students and provide a learning and training environment that includes: a. Technical support for computational, mathematical, and statistical consulting related to high-performance computer (HPC) enabled research b. Incentives for the formation of interdisciplinary research teams around HPC.
2.	Provide student and instructor access to data, HPC and research computing, and advanced analytical tools to improve opportunities for critical problem solving in multiple disciplines
3.	Encourage the Big Data Collaborative to form an Institute for Data Intensive Discovery (ID2) to generate synergy among Big Data researchers and to coordinate related education and research activities across campuses
4.	Develop user policies and management plans that attract new users and encourage new and innovative ways to use computing in the humanities, arts, and education
5.	Provide incentives and organizational structure to foster a community of researchers in high-performance and research computing
6.	Develop metrics for areas such as usage by faculty and students, funds invested by alumni and parents for faculty start-up packages
7.	Ensure that graduate students have access to statistical expertise for their research.

Strategy - IV	Target research initiatives that impact social welfare and development.
Action 1.	Expand and nurture synergistic partnerships and funding with various stakeholders like corporations, philanthropic, governmental, and community-based organisations, at local, state, national, and international levels
2.	Research based on Elthuruth and nearby locality: on the oral history of Elthuruth, on the quality of the well-water and bore-wells, quality of the soil and agricultural productivity, wet-land ecosystem, integrated fish farming, migratory birds, paddy cultivation, on economic, social and political issues concerning Thrissur Corporation.

3.	Build public support and appreciation for research, scholarship and creative work of the College and its interconnectedness with the locality around for the enhancement of quality of life.
4.	Leverage state/local government supported small business funding mechanisms to support faculty research and translate research into commercial applications.

Strategy - V	Publish research output or Service
Action 1.	Insist on publishing guided and well researched material through reputed journals, radio-talks, presentations at seminars.
2.	Start a research forum in the college to show case original research contribution and publish them in the College website.
3.	Begin institutional repository of knowledge in the college library where the library-goers can have access to published works of Faculty and scholars.
4.	Seek national and international registration for journals published by various departments.