

Research and Consultancy Projects

Research and consultancy activities form an integral part of the academic and intellectual environment of the institution. BCM College actively promotes research initiatives among faculty and students with the objective of generating new knowledge, addressing societal challenges, and contributing to academic and technological advancement.

The institution has successfully undertaken a number of research and consultancy projects funded by government and non-government agencies, including national bodies, universities, research foundations, and industry partners. These projects cover diverse disciplines such as social sciences, natural sciences, humanities, and applied sciences, reflecting the multidisciplinary research culture of the college.

Through these projects, faculty members engage in scientific investigations, field-based studies, community-oriented research, and consultancy services, thereby strengthening the linkage between academia, industry, and society. Funding support from agencies such as UGC, DST, ICSSR, KSCSTE, Kerala Government departments, research foundations, and private organizations has enabled researchers to carry out innovative studies and practical interventions.

Funded-Projects-List

The research and consultancy projects undertaken by the college contribute to knowledge creation, policy development, environmental studies, technological innovation, and social welfare initiatives. These projects also provide valuable opportunities for students to participate in research activities, enhancing their analytical skills and research competencies. The following table presents the list of funded research and consultancy projects undertaken by faculty members of the institution, along with details of the principal investigators, funding agencies, duration, and financial support received.

LIST OF FUNDED PROJECTS

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
CURIE-Research for Innovation and Excellence in Mathematics	Dr. Anu Varghese	Mathematics	2023-24		3 years	DST-CURIE	Government
Depression among Students Studying in Higher Educational Institutions - A Case Study of Kerala	Dr. Reeja P.S.	Sociology	2022-23	4,17,000	1 year	ICSSR	Government
Action for Children by Children	Dr. Ipe Varghese	Social Work	2022-23	71,800	1 month	Child India Foundation	Government
Annual Status of Education Report (ASER) 2021	Dr. Ipe Varghese	Social Work	2020-21	15,000	3 months	Pratham	Non-government
Socio Economic Need Assesment Survey	Dr. Ipe Varghese	Social Work	2020-21	25,000	3 months	Green Valley Development Society	Non-government
Prof. V J Joseph Kandoth Chair for Migration Studies	Mr. Anil Steephen	Malayalam	2019-20	2,00,000	3 years	Kandoth Kudarayogram (reg. No. EKM/TC/511/2013)	Non-government
Reuse of used baby diapers for organic farming	Ms. Devika Anilkumar	Botany	2018-19	10,000	6 months	BIIC-IUCOFSA, Mahatma Gandhi University	Government
Specimen Botanical Garden	Ms. Abhirami Kannan	Botany	2018-19	10,000	6 months	BIIC-IUCOFSA, Mahatma Gandhi University	Government
Eco friendly Domestication of Stingless Beer	Ms. Parvathy K R	Botany	2018-19	10,000	6 months	BIIC-IUCOFSA, Mahatma Gandhi University	Government

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Paaristhithikam	Department of Zoology	Zoology	2018-19	60,000	1 year	Directorate of Climate Change, Government of Kerala	Government
WINS - WASH in Schools Target Challenge Project	Head , Dept. of Social Work	Social Work	2017-18	40,000	1 year	CARB	Non-government
Facile Synthesis of Zinc Oxide Nano particles by Chemical and Green Method	Mrs. Jaisy Joy	Chemistry	2017-18	10,000	3 months	KSCSTE	Government
Analysis of Heavy Metal Toxicity in the soil and water bodies at Illickal area in Thiruvarpu Panchayat, Kottayam	Mrs. Jaisy Joy	Chemistry	2017-18	10,000	3 months	KSCSTE	Government
Training Programme for FCC Counsellors	Head , Dept. of Social Work	Social Work	2016-17	1,59,100	1 year	KSSWB	Government
Study on Mathematical Analysis	Ms. Jisna Baby	Mathematics	2016-17	16,000	2 months	Science Academies	Government
Metric Space and Famous Theorems	Ms. Ashley Mathew	Mathematics	2016-17	16,000	2 months	Science Academies	Government
Normal Families of Analytic Functions, meromorphic functions and Riemann Mapping Theorem	Ms. Alphy M Baby	Mathematics	2016 -17	16,000	2 months	Science Academies	Government
Summer Internship	Mr. Liju Alex	Mathematics	2016 -17	24,000	2 months	IISC Bangalore	Government
Changing work life of women in IT industry- An analysis of Kerala	Mr. Sateesh Chandran S	Commerce	Apr-16	80,000	2015-16	UGC	Government
Monitoring and Implementation of RTE Act 2009--Survey in Schools	Head , Dept. of Social Work	Social Work	Nov-15	42,908	2015-16	KeSCPCR	Government

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Street Vendors Survey- Project of National Urban Livelihoods Mission (NULM)- Ministry of Housing and Urban Poverty Alleviation (GOI)	Head , Dept. of Social Work	Social Work	Dec-15	9,900	2015-16	Municipality, Kottayam	Government
Painleve Analysis Of Non-homogeneous Oregonator Model	Dr. Mercy Mani P.	Mathematics	2013-14	1,50,000	2 years	UGC	Government
Impact of Waste disposal on the water quality parameters of the the dug wells of Vadavathoor panchayat	Dr. Elizabeth Basil	Zoology	Mar-14	1,40,000	2 years	UGC	Government
Effective Learning Techniques and its Effects on Learning	Dr. Sr. Betsy	Family and Community Science	Mar-14	1,25,000	2 years	UGC	Government
An Analysis of Film Adaptations and its Impact on the Kottayam Society	Dr. Phiona Elizabeth Joshey	English	Mar-14	50,000	2 years	UGC	Government
Documentation and Ecological Parametric Assessment of Nelumbo Species in the Aquatic Habitat Vembanad Wetlands of Kumarakom Kottayam District	Dr. C. A. Sabeena	Botany	Mar-14	1,60,000	2 years	UGC	Government
A study on the employees of the grading centre & the tappers in the three rubber tappers	Dr. Ipe Varughese	Social Work	Mar-14	2,72,640	5 months	Apollo Tyres	Non-Government
Spectra and Energy of Graphs	Dr. Anu Varghese	Mathematics	Sep-13	1,50,000	2 years	UGC	Government
Linear Graphical Model and Coding Theory	Dr. George Mathew	Mathematics	Sep-13	2,00,000	2 years	UGC	Government
The Threat of Communal Politics to Indian Democracy	Dr. Ajis Ben Mathews	History	Sep-13	1,10,000	2 years	UGC	Government

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Studies on the Distribution and Diversity of Vam in Rhizosphere Soil in the Paddy Fields of Kuttanada	Mrs. Josy Abraham	Botany	Sep-13	1,40,000	2 years	UGC	Government
Association and State Estimation of Time Series Data	Dr. Stephy Thomas	Statistics	Mar-13	1,87,000	2 years	UGC	Government
Characterization of one dimensional Gallium Nitride Nanostructures	Dr. Marykutty Thomas Kallolickal	Physics	Mar-13	1,20,000	2 years	UGC	Government
A Study of Errors and Their Sources in the Pronunciation of Degree Students (MG University) in English whose Mother Tongue is Malayalam and the Development of Speaking Skills Exercises which will help them neutralise their accents.	Mrs. Ponnu Liz Malieckal	English	Jul-12	1,50,000	2 years	UGC	Government
Consumer Citizen is the new form of identity- A study based on visual ads and its reflection on society	Mrs. Minu Alex	English	Jul-12	1,00,000	2 years	UGC	Government
The Relevance of EcoLiterature Among the College Students of Kottayam	Dr. Riya Susan Scariah	English	Jul-12	1,50,000	2 years	UGC	Government
A Study of the Novels of Hariprasad Dwivedi in the Perspective of Modern Concept of Humanism	Dr. Naveena J. Narithookil	Hindi	Jul-12	60,000	2 years	UGC	Government

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Determination of water quality parameters of water from various sources in Kottayam District during different seasons with social emphasis on Meenachil River/Kumarakom.	Dr. Magi John	Chemistry	Nov-11	1,40,000	2 years	UGC	Government
Emerging Womanhood- Autobiographies of Malayali Women	Dr. Neethu Varghese	English	Nov-11	1,50,000	2 years	UGC	Government