

# FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)  
Affiliated to University of Kerala



## 3.2.4 List of Research Projects - Chemistry

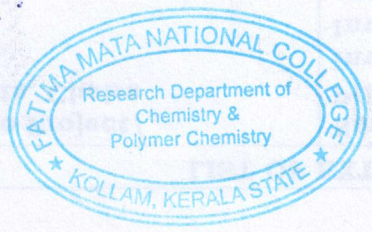
**LIST OF EXTERNAL FUNDED PROJECTS IN CHEMISTRY (2014-19)**

<b>Name of the Project/ Endowments, Chairs</b>	<b>Name of the Principal Investigator/ Co Investigator (if applicable)</b>	<b>Name of the Funding agency</b>	<b>Type (Government/ Non- Government)</b>	<b>Year of Award</b>	<b>Funds provided (INR in lakhs)</b>	<b>Duration of the project</b>
An investigation to develop sensitive and selective Spectro - photometric reagents for zirconium and tungsten using sulphur , nitrogen and oxygen donor chelates	Dr Biju Mathew	UGC	Government	2012	170000	2012-16
Spatial distribution of uranium and associated water quality parameters in groundwater /drinking water of five districts (Thiruvananthapuram, Kollam, Alappuzha, Pathanamthitta and Kottayam) of Kerala	Dr Shibu Joseph S T	BRNS, DAE	Government	2015	2694300	2015-17
Structural-Crystal-Optical-and Biological Activities of Metal Complexes/Frameworks derived from heterocycles as benzothiazoles	Dr. Sarau Devi A	UGC	Government	2016	341000	2016-18
Microwave Assisted Green Synthesis Of Mesoporous Silica	Dr. Manohar D. Mullassery	UGC	Government	2016	490000	2016-18



Material For The Targeted And Controlled Drug Delivery						
Development Of Magnetic Biochars for Heavy metal remediation	Dr. Noeline B. Fernandez	UGC	Government	2016	450000	2016-18
Microwave assisted green chemistry synthesis of acrylamide grafted cyclodextrin and its application in drug delivery	Dr. Manohar D. Mullassery	KSCSTE	Government	2017	12,000	2017-18
Development of Biochars for methylene blue remediation from aqueous solutios	Dr. Noeline B. Fernandez	KSCSTE	Government	2017	13,000	2017-18

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**PRINCIPAL**  
**Fatima Mata National College**  
**Kollam**