

## Funded Research Projects

Name of of the PI/ Co-PI/Name of the person holding the Chair	Departmen t	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Month and year of award /sanct	Amount sanctione d in INR.	Status
<b>2023-24</b>							
Madhav Mane	Chemistry	Synthesis and evaluation of Combretastatin-based Anticancer Agents: Targeting Tubulin Polymerization and Angiogenesis <i>(Financial grant under Teacher's Associateship for research excellence -TARE)</i>	Science and Engineering Research Board(SERB), DST, GoI	3 years; 2022-2025	January 2023	18,30,000	On-going
<b>2022-23</b>							
Madhav Mane	Chemistry	Synthesis and evaluation of Combretastatin-based Anticancer Agents: Targeting Tubulin Polymerization and Angiogenesis <i>(Financial grant under Teacher's Associateship for research excellence -TARE)</i>	Science and Engineering Research Board(SERB), DST, GoI	3 years; 2022-2025	January 2023	18,30,000	On-going
<b>2021-22</b>							

Deepali K. Kothekar	Biochemistry	Modulation of drug and chemical induced hepatotoxicity by natural antioxidants: A study using chick embryo model	University of Mumbai (Minor)	1 year, (2020-2022; extended due to COVID pandemic)	March 2020	40,000	Completed and submitted in March 2022
Rupali Vaity	Zoology	Study of insecticidal property of some spices against stiophilus oryzae	University of Mumbai (Minor)	1 year, (2020-2022; extended due to COVID pandemic)	March 2020	25,000	Completed and submitted in March 2022
<b>2020-21</b>							
Deepali K. Kothekar	Biochemistry	Modulation of drug and chemical induced hepatotoxicity by natural antioxidants: A study using chick embryo model	University of Mumbai (Minor)	1 year, (2020-2022; extended due to COVID pandemic)	March 2020	40,000	on-going
Rupali Vaity	Zoology	Study of insecticidal property of some spices against stiophilus oryzae	University of Mumbai (Minor)	1 year, (2020-2022; extended due to COVID pandemic)	March 2020	25,000	on-going
Madhavan Gopalan (PI); Aditya Akerkar (Co-I); Pushparaj Shetty (Co-I)	Zoology	Category A : Educational and training tool; (Foldscope project : Introduction to the world of micro flora and fauna of Amboli) <i>(Educational Project under MoU with DBT)</i>	Department of Biotechnology (DBT)	1 year; (2018-2020 extended due to COVID pandemic)	March 2018	3,00,000 (4,00,000 sanctioned)	completed

2019-20							
Deepali K. Kothekar	Biochemistry	Modulation of drug and chemical induced hepatotoxicity by natural antioxidants: A study using chick embryo model	University of Mumbai (Minor)	1 year; 2020-21	March 2020	40,000	on-going
Rupali Vaity	Zoology	Study of insecticidal property of some spices against stiophilus	University of Mumbai (Minor)	1 year; 2020-21	March 2020	25,000	on-going
Subi Yoosuf	Biotechnology	Formulation and Characterization of thymol, eugenol and cuminic acid based nanoemulsion for its antibiofilm activity	University of Mumbai (Minor)	1 year; 2019-2020	March 2019	25,000	Completed and submitted in August 2019
Madhavan Gopalan (PI); Aditya Akerkar (Co-I); Pushparaj Shetty (Co-I)	Zoology	Category A : Educational and training tool; (Foldscope project : Introduction to the world of micro flora and fauna of Amboli) <i>(Educational Project under MoU with DBT)</i>	Department of Biotechnology (DBT)	1 year; (2018-2020 extended due to COVID pandemic)	March 2018	4,00,000	on-going
2018-19							
Subi Yoosuf	Biotechnology	Formulation and Characterization of thymol, eugenol and cuminic acid based nanoemulsion for its antibiofilm activity	University of Mumbai (Minor)	1 year; 2019-2020	March 2019	25,000	on-going
Madhavan Gopalan (PI); Aditya Akerkar (Co-I); Pushparaj Shetty (Co-I)	Zoology	Category A : Educational and training tool; (Foldscope project : Introduction to the world of micro flora and fauna of Amboli) <i>(Educational Project under MoU with DBT)</i>	Department of Biotechnology (DBT)	1 year; 2018-2019	March 2018	4,00,000	on-going

Prajith Nambiar	Biotechnology	Investigation of marine oligotrophic bacteria for biosurfactant mediated degradation of polycyclic aromatic hydrocarbons	University of Mumbai (Minor)	1 year; 2018-2019	March 2018	52,000	Completed and submitted in August 2018
Mahavir Gosavi	Botany	Screening of deteriorating cellulosic samples for the isolation of Mildew fungi and determination of cellulase enzyme activity of isolates	University Grants Commission (UGC-Minor)	2 years; 2017-2019	January 2017	2,55,000 (3,10,000)	Completed and submitted in 2021
Manju Phadke	Microbiology	Green synthesis of silver nanoparticles using actinomycetes and their applications	University Grants Commission (UGC-Major)	3 years; 2015-2018	#####	11,53,632 (13,60,000 sanctioned)	Completed and submitted in June 2018
<b>2017-18</b>							
Prajith Nambiar	Biotechnology	Investigation of marine oligotrophic bacteria for biosurfactant mediated degradation of PAHs	University of Mumbai (Minor)	1 year; 2018-2019	March 2018	52,000	on-going
Madhavan Gopalan (PI); Aditya Akerkar (Co-I); Pushparaj Shetty (Co-I)	Zoology	Category A : Educational and training tool; (Foldscope project : Introduction to the world of micro flora and fauna of Amboli) <i>(Educational Project under MoU with DBT)</i>	Department of Biotechnology (DBT)	1 year; 2018-2019	March 2018	4,00,000	on-going
Mahavir Gosavi	Botany	Screening of Deteriorating Cellulosic Samples for the isolation of Mildew fungi and determination of cellulase enzyme activity of isolates	University Grants Commission (UGC-Minor)	2 years; 2017-2019	January 2017	3,10,000	on-going
Manju Phadke	Microbiology	Green synthesis of silver nanoparticles using actinomycetes and their applications	University Grants Commission (UGC-Major)	3 years; 2015-2018	#####	13,60,000	on-going

Madhavan Gopalan	Zoology	Expression of b-catenin during development of eye	University Grants Commission (UGC-Minor)	2 years; 2015-2017	#####	2,85,000 (450000 sanctioned)	Completed
<b>2016-17</b>							
Mahavir Gosavi	Botany	Screening of Deteriorating Cellulosic Samples for the isolation of Mildew fungi and determination of cellulase enzyme	University Grants Commission (UGC-Minor)	2 years; 2017-2019	January 2017	3,10,000	on-going
Nitin Mirgane	Chemistry	Development of new Benzimidazole based Chiral Ionic Liquids and their applications as <del>chiral catalyst</del>	University of Mumbai (Minor)	1year; 2016-2017	#####	25,000	completed
Vidya Hariharan	English	Soft-selling Imperialist Ideology: A postcolonial perspective of the fiction of Agatha Christie	University of Mumbai (Minor)	1year; 2016-2017	January 2016	30,000	completed
Manju Phadke	Microbiology	Green synthesis of silver nanoparticles using actinomycetes and their applications	University Grants Commission (UGC-Major)	3 years; 2015-2018	#####	13,60,000	on-going
Madhavan Gopalan	Zoology	Expression of b-catenin during development of eye	University Grants Commission (UGC-Minor)	2 years; 2015-2017	#####	4,50,000	on-going
<b>2015-16</b>							
Nitin Mirgane	Chemistry	Development of new Benzimidazole based Chiral Ionic Liquids and their applications as <del>chiral catalyst</del>	University of Mumbai (Minor)	1year; 2017-2018	#####	25,000	on-going
Vidya Hariharan	English	Soft-selling Imperialist Ideology: A postcolonial perspective of the fiction of Agatha Christie	University of Mumbai (Minor)	1year; 2017-2018	January 2016	30,000	on-going
Manju Phadke	Microbiology	Green synthesis of silver nanoparticles using actinomycetes and their applications	University Grants Commission (UGC-Major)	3 years; 2015-2018	#####	13,60,000	on-going

Madhavan Gopalan	Zoology	Expression of b-catenin during development of eye	University Grants Commission (UGC-Minor)	2 years; 2015-2017	#####	4,50,000	on-going
Kamala Srinivas	Philosophy	Soul Force and Reality in the Philosophical Insights of Rabindranath Tagore and Muhammad Iqbal	University of Mumbai (Minor)	1 year	#####	30,000	Completed
Shama Todurkar	Psychology	Role Of Hope And Health Locus Of Control In Influencing Health-Behaviours Of Adolescents	University of Mumbai (Minor)	1 year	#####	18,000	Completed
Avin Shah and Nitya Mahajan	Commerce	An Exploratory Study Of Consumers' Brand Choice Of Mobile Phones In Response To Their Awareness Of Social And Environmental Comm	University of Mumbai (Minor)	1 year	#####	30,000	Completed
Aarti Muley	Physics	Nano Phosphor For Solar Energy Conversion	University Grants Commission (UGC-Minor)	2 years	#####	1,75,000	Completed
Pradnya Khandeparkar; Mukhtar Ahmed Kazi; Nagapati Hegde	Statistics	Impact of Credit and Grading System on the Undergraduate Programme in Degree Colleges of Mumbai University	University Grants Commission (UGC-Minor)	2 years	#####	1,00,000	Completed
Rashmi Bhure	Politics	26/11 And The Emerging Anti-Terrorism Architecture Of India	University Grants Commission (UGC)	3 years	#####	7,39,600	Completed