

JIIT NOIDA

Students Funded Projects where Faculty is a Mentor

S No.	Sponsored Projects Completed (Title of Project)	Name of PI/ I	Amount (Rs. in Lakh)	Year of start and Completion	Funding Agency
1.	Presence of antibiotics in soil and its remediation	PI: Ms. Arushi Saxena; Mentor: Prof. Pammi Gauba	30.97	2023-2025	DST
2.	Co-administration of Metformin and Vitamin D fro their additive antihyperglycemic effects of nano-formutation for their enhanced targeting and efficacy: An in-vitro study.”	PI: Saksi Tyagi; Mentor: Dr Shalini Mani	23 Lacs	2022-2024	ICMR-SRF
3.	Investigation of Indian Herbs as ACE2 and Tmprss2 modulator in HCQ Induced Cardiotoxicity	PI: Priyadarshini Gupta, Mentor: Prof Vibha Rani	24.2	2021-26	DST – Inspire
4.	Ayurvedic herbal formulations in modulating gut microbiota which is associated with diabetic cardiomyopathy.	PI: Shivani Singhal, Mentor: Prof Vibha Rani	24.2	2019-24	DST – Inspire
5.	<i>Syzygiumcumini</i> polyphenols in drug induced cytotoxicity.	PI: Renu Bhadana, Mentor: Prof Vibha Rani	24.24	2019-24	CSIR-JRF
6.	To develop a millet-based fermented food product and assessment of its nutritional and functional properties.	PI: Rishibha Gupta, Mentor: Smriti Gaur	24.6	2019-24	DBT

7.	Designing an alternative cancer therapy by study of anticancerous herbs for their potential mitocan activity.	PI: Geeta Swargiary, Mentor: Dr Shalini Mani	22.08	2018-23	NFST (Ministry of Tribal affairs),
8.	Analysis of host interactors of Chikungunya virus non structural Protein 1	PI:Ritu Ghildiyal, Mentor: Prof Reema Gabrani	16.2	2019-22	CSIR-SRF
9.	Structure, function and inhibition of isocitrate lyases of <i>Mycobacterium tuberculosis</i> .	PI: Ms. Monika, Mentor: Dr. Vibha Gupta	22	2016-2021	DST - Inspire
10.	Fabrication of nanotechnology based point- of-care device for thyroid disease diagnosis.	PI: Rahul , Mentor: Sudha Srivastava	22	2016-2021	DST - Inspire
11.	Genomics of diverse Wolbachia species in Indian Drosophila and to study host-symbiont interactions	PI: Ms. Kopal Singhal, Mentor: Dr Sujata Mohanty	17	2017-2021	CSIR- JRF & SRF
12.	PLGA Nanoparticles for Baclofen and Lamotrigine: Nose to brain delivery	PI: Mr.Kuldeep Nigam, Mentor: Dr Shweta Dang	7.1	2019-2021	CSIR-SRF
13.	Development of PLGA nanoparticles loaded with donepezil and memantine for brain drug delivery through nasal route in Alzheimer's disease.	PI: Ms. Atinderpal Kaur, Mentor: Dr. Shweta Dang	26	2017-2020	BioCARE - DBT

14.	Nanotechnology based vaccine development against Hepatitis E virus.	PI:Dibya Rani, Mentor: Sudha Srivastava	22	2015-2020	DST - Inspire
15.	Investigating microRNAs and Matrix metalloproteinases as therapeutic target in glucose induced cardiac stress	PI: Mr. Sharad Saxena, Mentor: Dr. Vibha Rani	9.1	2018-2020	CSIR-SRF
16.	Cardioprotective Effects Of Curcumin Against Drug Induced Toxicity	PI: Ms. Aditi Jain, Mentor: Dr. Vibha Rani	9.1	2018-2020	CSIR-SRF
17.	Bioprospection of microorganisms from selected niche habitats (soil/rock) for antimicrobial products.	PI: Mrs. Nidhi Srivastava Mentor: Dr. Indira P Sarethy	22	2014-2019	ICMR
18.	Analysis of Chikungunya virus nsP3 protein micro/macro interactors.	PI: Ms. Ipsita Nandi, Mentor: Dr. Sanjay Gupta	20	2018-2019	DST- (WOS-A)
19.	Identification of peptide/protein binders of Chikungunya Virus.	PI: Ms. Garima Agarwal, Mentor: Dr. Sanjay Gupta	22	2015-2019	DST- Inspire
20.	Studies on production of therapeutically important saponins using <i>in-vitro</i> culture of <i>Bacopa monnieri</i> .	PI: Ms. Pragya Bhardwaj, Mentor: Dr. Ashwani Mathur	20	2014-2018	DST

21.	Rational Structure-based development of potent inhibitors targeting mycobacterial cysteine biosynthetic pathway: in silico and experimental drug design against <i>M. tuberculosis</i> CysE.	PI: Mrs. Sunita Gupta, Mentor: Dr. Vibha Gupta	16	2015-2018	DST
22.	Differential expression pattern of miRNAs in rice root during Cr(VI) stress.	Young Scientist: Dr. Sonali Dubey, Mentor: Dr. Vibha Rani	33	2015-2018	DST
23.	Bioprospection of Actinomycetes from Indian desert and antimicrobial activity of selected isolates	PI: A.Ibeyaima, Mentor: Dr. Indira P. Sarethy.	18	2012-2017	DST-INSPIRE
24.	Deciphering the host interactions of Chandipura virus matrix protein	PI: Mr. Sreejith Rajasekharan, Mentor: Dr. Sanjay Gupta	3	2014-2015	ICMR-SRF
25	Screening of native microbes with tannase producing ability, production of tannase and gallic acid using alternate substrate	RA: Dr. K E Nandini Menotr: Dr. S Krishna Sundari	19,44,594 Lakhs	2012-2015	DBT- Post Doctoral Research Fellowship