

**Maitreyi College Research and Incubation Centre**  
**List of recommended Project Proposals, 2018-2019**

The following project proposals have been recommended by the experts for Summer Program 2019. For the projects with modifications, personal emails would be sent to the mentors so that they can incorporate the modifications and suggestions as per the experts' advice.

S.N.	Department	Name of Projects	Mentors	Status
I.	Botany	1. Study the vegetation and create an e-flora of Maitreyi College, including mapping of trees inside the college campus and listing down medicinal properties of college vegetation.	Ms. Divya Singh	Accepted
		2. Identifying pollution scavenging potential in perennials growing in Maitreyi College campus.	Dr Pooja Baweja and Dr Ankita Sehrawat	Accepted
		3. Enhancing therapeutic efficacy of selected medicinal plants for improved antioxidant potential using chemical and biological adjuvants.	Dr Rama Sisodia and Dr Shweta Sharma	Accepted
II.	Chemistry	4. An Innovative approach to Soil Fertility Management for soil samples collected from Delhi – NCR region.	Dr Ramesh Kumari and Dr Lata Chandra	Accepted
		5. Green Synthesis of Copper Nanoparticles using plant Extract for purification of water effluent from Laboratories and textile industries.”	Dr. Kiran Soni and Dr. Gita Batra Narula	Accepted
		6. Eco-friendly magnetic biopolymer nanocomposites for removal of heavy metals from waste water.	Dr. Rajni Johar, Dr Ritu Gaba, Dr. Ankita Chowdhury, Dr. Hema Bhandari, Dr. Gazala Ruhi	Accepted
III.	Commerce	7. How modern businesses use human psychology to market their offerings! (products and services).	MRS Kritika Khurana and Dr Madhu Jain	Accepted_ with modifications
		8. Mutual Funds.	Kritika Khurana	Accepted_ with modifications
IV.	Computers	9. Web Application for Feedback Collection and Analysis.	Dr. Veena Ghuriani and Mrs Rupali Ahuja	Accepted
		10. Exploring Sentiment Analysis for text data using open-source software.	Dr. Manju Bhardwaj and Dr. Shikha Bhadani	Accepted

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V.	<b>Economics</b>	11. Environmental aspects of fourth industrial revolution.	Dr. Priti and Dr. Saroj	Accepted
		12. Biotechnology a solution to Indian farmers distress.	Ms. Artika and Ms. Antima	Accepted
		13. "Does good governance and change in the ruling political party affect economic growth of a nation? - The case of India"	Mrs. Nidhi Chand and Mrs. Nupur Katariya	Accepted_ with modifications
VI.	<b>English</b>	14. Representing the LGBTQ Community: A Study of Indian and American Popular culture in the Last Decade.	Amrita Ajay	Accepted_ with modifications
VII.	<b>Hindi</b>	15. युवाजगतपरबढ़तासिनेमाकाप्रभाव	Dr Meenu Kumari Dr Sneh Lata	Accepted
VIII.	<b>History</b>	16. 'Prehistoric Delhi and it's neighborhood: A study of spatial distribution of settlements'	Mukta Dey	Accepted
IX.	<b>Physics</b>	17. Extraction of Oil from Waste Plastic. (Physics)	Dr. Ritu Dhingra	Accepted
		18. Synthesis of Nanostructured Iron Oxide for Oil Adsorption from Water Bodies Surface.	Dr Mansi Dhingra and Dr Savvy Mishra	Accepted
		19. Numerical Simulations of Eigen States of Nano Structures using Scilab.	Ms. Parul Yadav and Savvy Mishra	Accepted
		20. Correlation of Electrical and Optical Behavior of Metal and Metal Oxide Nanostructures.	Parul Yadav and Mansi Dhingra	Accepted_ with modifications
		21. Preparation and characterization of Hydroelectrical cell based on water dissociation.	Dr. Neelam Singh	Accepted_ with modifications
X.	<b>Political Science</b>	22. Polarization under populism in India: Political Parties and RWAs in post reforms in Delhi.	Dr. Kiran Pandey, Dr. Kanika Gupta and Ms. Nikita Audichya	Accepted_ with modifications
XI.	<b>Punjabi</b>	23. Study of Traditional Punjabi Music, Instruments used and contexts of Performance compared to contemporary Punjabi Music.	Dr. Surinder Kaur Malhotra and Dr. Ranju Bala	Accepted
XII.	<b>Sociology</b>	24. Women and Desire: Exploring Female Sexuality.	Dr Gopi D Tripathy and Pratisha Borborah	Accepted_ with modifications
XIII.	<b>Zoology</b>	25. Post harvest treatment for preserving antioxidant properties and total phenolic content of fruits and vegetables.	Dr. Brototi Roy and Dr. Jyoti Singh	Accepted
		26. To study the effects of selected homeopathic medicines on mammalian blood.	Dr Meena Yadav	Accepted

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XIII	Interdisciplinary	27. Influence of plant growth regulators and electromagnetic field on seed germination and overall development of nutritionally important plant species".	Dr Poonam Juneja and Dr Sandeepa Singh	Accepted
		28. 'उत्तरआधुनिकीकृीसंशोधिकेपरर प्रेक्ष्यमेंसाहित्यऔरससिमामेंहिवयांगों कीस्थिनिकासमाजमिोभाषावैज्ञानिक अध्ययि'.	Yogesh Chaurasia Mamta Dhawan	Accepted

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