

Centre for Research
Maitreyi College, University of Delhi

Summer Internship programme, 2022-23

Research Projects carried out under Summer Internship Programme, 2022-23

S. No.	Code	Title of the Project	Mentor's Department	Mentor/s Name	Details of Students (Name, course & year,)
1	SIP22-23 /01	Effects of polluted Hindon river water on Phytochemical Traits in Ocimum species	Botany	Dr Ankita Sehrawat, Dr Pooja Baweja	Archana B.Sc. (H) Botany, 2nd Yr , Prachi Panwar B.Sc. (H) Botany, 2nd Yr, Preeti B.Sc. Life Sciences, 2nd yr, Kanika Joshi Roll no Course: B.Sc Life Sciences, 2nd yr
2	SIP22-23 /02	Pharmacovigilant Analysis And Comparison Between Ayurveda, Siddha, Homeopathy And Self-Made Polyherbal Formulations And Repurposing Them For Disease Management	Botany	DR. SANDEEPA SINGH, DR. MANSI GOGNA	Joyeeta Mondal, B.Sc. Botany (Hons.), 2nd year, Deepti, B.Sc. Botany (Hons.), 2nd year, Aakangsha Goswami, B.Sc. Botany (Hons.), 1st year, Nikhita Awasthi, B.Sc. Botany (Hons.), 1st year
3	SIP22-23 /03	In- Vitro Assessment Of Antibacterial Activity In Solvent Extracts Of Leaves From Selected Plants	Botany	DR. SANDEEPA SINGH, DR. VANDANA MOURYA	Nishi B.Sc. (H) Botany (2nd Year) Bedika B.Sc. (H) Botany (2nd Year), Niharika Singh B.Sc. Life Science (2nd Year), Monika B.Sc. Life Science (2nd Year)
4	SIP22-23 /04	Copigmentation-based enhancement of stability of Anthocyanin isolates from selected flowering plants	Botany	Dr Monika Heikrujam, Dr Manis Gogna, Dr Rama Sisodia	Kaveri Choudhary, Course: B.Sc Life Sciences 2nd year, Course: B.Sc Life Sciences 3rd year . Urvashi Sehrawat Course: B.Sc Life Sciences 2nd year Nivedita Rai Course: B.Sc Life Sciences 2nd year Jyotsna Mishra Course: B.Sc Life Sciences 2nd year Monika Course: B.Sc Life Sciences 2nd year
5	SIP22-23 /05	Exploring spatial variation in chemical composition of selected medicinal plants	Botany	Dr Shweta Sharma; Dr Rama Sisodia	Ms. Sana Ahmad, B. Sc. Life Sciences II Yr, Ms. Dishita Jain, B. Sc. Life Sciences II Yr, Ms. Anushika, B. Sc. Life Sciences II Yr, Ms. Soni Jakhmola, B. Sc. Life Sciences II Yr

6	SIP22-23 /06	Target Identification, Docking Studies, and Pharmacokinetic Evaluation of Ayurvedic Compounds	Chemistry	Dr. Ritu Gaba; Dr. Ankita Chaudhary; Dr. Anshika Mittal	Nyasha Malik (B.Sc.(Hons.) Chemistry, II year, Sneha Kohli (B.Sc.(Hons.) Chemistry, II year, Aleena Shakreen (B.Sc.(Hons.) Chemistry, II year, Taniya Patwal Course: B. Sc. (H) Chemistry, I year Ishita Bhadana Course: B.Sc. (H) Chemistry, I y Prakriti Gusain Course: B.Sc. (H) Chemistry, I year
7	SIP22-23 /07	Treatment of Laboratory Waste With Bio- Substitutes	Chemistry and Physics	Dr. Gita Batra Narula, Dr. Kiran Soni, Dr. Swarndeeep Kaur Sethi, Dr. Ritu Dhingra	Alka Shukla* Divyanshi Upadhyay* Nisha Sharma* Pritam* Suhavani singh* *B.Sc. Hons. (Chemistry) II year Amanjot*, Jeau Mishr***B.Sc. Hons. (Physics) II year
8	SIP22-23 /08	Tracing The Evolution Of Msme Sector In India	Commerce	Ms. Apurva Setia	Aarushi Anand BCom hons - 2nd year Khushi Gaba BCom hons - 2nd year
9	SIP22-23 /09	The global injustice of Fast Fashion	Commerce	Ms. Apurva Setia	Shreya Dutta, B.com(H) 2nd year, Ashlyn Dhingra B.Com(hons) -2nd Year
10	SIP22-23 /10	Reviewing the Relevance of Influencer Marketing in the Food and Beverage Industry for Indian Generation Z Consumer	Commerce	Dr. Jyotsna and Ms. Karishma Arora	Priyamvada Rajpal, B.Com Hons, Vanshika Dutt, B.Com Hons, 2nd Year, Radhikka Bajpai , Bcom Hons. 2nd year, Aakanksha Agarwal, BCom hons, 2nd year
11	SIP22-23 /11	Emerging Technologies and Creator Economy: A new linkage for Creative and Sustainable Growth Solutions	Computer Science	Dr. Veena Ghuriani, Dr. Jyotsna Talreja Wassan	E Harshitha, BA(P) VI Sem, Palak Pahwa, BA(P) VI Sem, Sneha Srivastava, Bsc(P) I Sem, Janhvi Sharma, BSc (H) I Sem
12	SIP22-23 /12	DeFi: Challenges, Opportunities and Risk Analysis of Adoption of Decentralized Finance Application	Computer Science	Ms. Rupali Ahuja	1) Janhavi Khandelwal B.A (P) 2nd yr, Ms Anjali B.A (P) 2nd yr
13	SIP22-23 /13	WEB 3.0: TRANSFORMING INTERACTIONS ON THE WEB	Computer Science	Ms. Rupali Ahuja	1) Riddhi Mehta, B.A Programme(Computer Applications + Mathematics) II year, Muskaan Dhingra, B.A Programme(Computer Applications + Mathematics) II year
14	SIP22-23 /14	Know What They Say : An AI based Communication Bridge Between Deaf and Hearing	Computer Science	Dr. Manju Bhardwaj and Dr. Shweta Sankhwar	Vishwa Bharti , Anchal Yadav, Annu, Nishi Thakur B.Sc. (Prog) Physical Sciences with Computer Sciences Year : 2nd year

15	SIP22-23 /15	Reinforcement learning in Robotics: A comprehensive study	Computer Science	Dr Manju Bhardwaj	Aaditri, Bsc Phy Sc with Comp Sc 2nd Year, Bhavya Singh, BSc Phy Sc with Comp Sc 2nd year
16	SIP22-23 /16	Can Nash Equilibrium be used to move towards the social change of Global Peace?	Economics	Ms. N. SHRADHA VARMA	Nimeesha Patidar BA Honours Economics Second Year Anshika Chaudhary BA Programme (Economics+Computer Applications) Second Year
17	SIP22-23 /17	Sustainable treatment of textile wastewater using Constructed Wetland -Microbial Fuel Cells	Environmental Science and Botany	Ms. Archana and Dr. Pooja Baweja	Neha Singh Year: 2nd Course: Botany Hons. Prachi Bhandari Year: 2nd Course: Botany Hons. Raksha Year: 1st Life Sciences Kashish Singh Year: 1st BSc life sciences
18	SIP22-23 /18	बदलते सामाजिक परिवेश में वयोवृद्ध वर्ग	Hindi	Dr. Anita Devi	नेहा कुमारी बी.ए.हिंदी विशेष(द्वितीय वर्ष) त्रिवेदी बी.ए.हिंदी विशेष(द्वितीय वर्ष) लक्ष्मी कुमारी बी.ए.हिंदी विशेष(द्वितीय वर्ष) कुमारी बी.ए.हिंदी विशेष(द्वितीय वर्ष)
19	SIP22-23 /19	सामाजिक बदलाव में फिल्मों का योगदान"	Hindi	Dr. Anita Devi and Dr. Ranjeet Yadav	प्रतिमा मौर्या: हिंदी विशेष दिशा सिंह अनुक्रमांक - 2021/0172 विभाग: हिंदी विशेष कृतिका मिश्रा विभाग: हिंदी विशेष प्रगति कुमारी विभाग: हिंदी विशेष
20	SIP22-23 /20	AI WARS : Google and ChatGPT in a Battle for Predominance	Mathematics	Ms. Rajni gupta and Dr. Pawan Kumar	Nivedita Panwar (BSc. Mathematics(H), II year, Aakanksha (BSc. Mathematics(H), II year, Akshita Singh (BSc. Mathematics(H), II year, Muskan (BSc. Mathematics(H), II year
21	SIP22-23 /21	Research Proposal: The potential of technological innovations, AI & Machine learning in social transformation	Mathematics	Dr. Neetu Arneja / Mr. Saurav Kumar	Niharika Pandey, B.Sc.(H) Mathematics, 2nd year, Siya Dahiya, B.Sc.(H) Maths, 2nd year, Sejal Gupta, B.Sc.(H) Maths, 2nd year, Anshika Morya, B.Sc.(H) Maths, 2nd year
22	SIP22-23 /22	Thin films as an electrical transducer for an Arduino based electrochemical sensor	Physics	Dr. Mansi Dhingra, Dr. Parul Yadav, Dr. Shalini Lumb Talwar	Vaishali Bagauli B. Sc. (H) Physics III year Bhavna B. Sc. (H) Physics III year Ria Goel B. Sc. (H) Physics III year Sharanya Renjit B. Sc. (H) Physics III year , Pranshi Mathur B. Sc. (H) Physics III year , Soumya Bajpai B. Sc. (H) Physics II year
23	SIP22-23 /23	Optimization of shape and size of ZnO nanoparticles for improved antibacterial properties	Physics	Dr Parul Yadav, Dr Mansi Dhingra, Dr Ritu Dhingra, Dr Gazala	Vaishali Sharma Aditi pandey Urvashi Sangrola Sweta Singh Purnima B.Sc (H) Physics IIIrd Year), Simran pandeyaditi434@gmail.com (B.Sc (H) Physics IIrd Year

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24	SIP22-23 /24	Soil Resistivity Test for Green Field Applications	Physics	Dr Prajwalit Shikha, Dr Poonam Juneja	Saniya, Karina Kashish Mishra Neelakshi Lakra [All from B.Sc.(H) Physics I Year]
25	SIP22-23 /25	Investigation of Structural and Optical Properties of Solution Grown 4-nitrobenzaldehyde Single Crystal	Physics	DR. SUMIT	Pranjal Nayak (B.Sc. (H) Physics, Year: second, nayakpranjal91@gmail.com, Renuka ((B.Sc. (H) Physics, Year: second, 8295918221), Bhawna Jangid (B.Sc. (H) Physics, 2nd Yr,
26	SIP22-23 /26	Development of Women through Local government in rural area of District Saharanpur (Uttar Pradesh)	Political Science	Dr Minati Kalo	Kaukab, B.A Hons Political Science, 2nd year
27	SIP22-23 /27	Lok Munch toh Adhunik Punjabi Rangmanch di Yatra	Punjabi	Dr. Harmeet Kaur, Dr. Sarika Sharma	Bipasha, (2nd yr, B.A (P), Divya Gupta (2nd yr, B.A (P)
28	SIP22-23 /28	षड् ऋतुचर्या का वैज्ञानिक महत्व	Sanskrit	Dr.Sushil Kumari , Dr.Rekha Kumari	Anjali Tanwar Shivani Kumari Ruchi Pinki BA Sanskrit Hons. , 3rd year
29	SIP22-23 /29	Ovicidal and oviposition deterrent activity of Carica papaya leaf extract against dengue vector, Aedes aegypti	Zoology	Dr. A. Vineetha, Dr. Tejendra Kumar	Shristi Singh, B.Sc. (Hons.) Zoology, Suryanshi Anand, B.Sc. (Hons.) Zoology Jael Alma Chemjong B.Sc. (Hons.) Zoology
30	SIP22-23 /30	Premenstrual Syndrome: Awareness and role of physical activities	Zoology	Dr. Archana Aggarwal, Dr. Rakhi Gupta	Suryanshi Anand, B. Sc. (hons) Zoology IInd Year, Arya Singh, B. Sc. (hons) Zoology IInd Year, Anvi Kaushik, B. Sc. Life Sciences IInd year, Ishani, B.Sc Life Sciences IInd year

s/d

Prof. Haritma Chopra

Offg. Principal and Coordinator (CFR)