



# MAITREYI COLLEGE

(UNIVERSITY OF DELHI)

BAPU DHAM COMPLEX,  
CHANAKYAPURI,  
NEW DELHI-110021

Ref.No/MT/22/606

Dated: 13/9/2022

## Notice for Avlokan 2022

Dear SIP mentors and mentees,

We have received the evaluation of your project report from the external experts. Based on the marks, the following projects have been selected for presentation in **Avlokan 2022** scheduled at **10am on 28th September, 2022**.

All the presentations will be in offline mode in parallel sessions. You will be soon notified about your session and venue through email. Other guidelines for the presentations would also be included in the email.

1	SIP21-22/01	Botany	Efficacy of Selected Seed Priming Agents on Seed Germination and Plant Growth Under Salinity Stress in <i>Vigna radiata</i> and <i>Oryza sativa</i>	Mentees:-Vedanti Garg (B.Sc. (Prog) Life Sciences II Yr), Sonia Chauhan (B.Sc. (Prog) Life Sciences II Yr), Naiya Chauhan (B.Sc. (Prog) Life Sciences II Yr), Ishani Mallick (B.Sc. (Prog) Life Sciences II Yr),
2	SIP21-22/03	Botany	Qualitative and quantitative analysis of plant pigment anthocyanins from selected flowering plants	Kaveri Choudhary B.Sc Life Science III Year (Roll No 1813) Riya Uniyal B.Sc Life Science III Year (Roll N 1810) Kajal Senger B.Sc Life Science III Year (Roll No. 1797) Yaiveinai Ngade D B.Sc Life Science III Year (Roll No. 2088) Nandini Jajoria B.Sc Life Science III Year (Roll No. 1809) Hrishita Sharma B.Sc Life Science III Year (Roll No.1771)
3	SIP21-22/04	Chemistry	Exploring the role of structurally engineered nano-sized sustainable materials for remediation of contaminated water samples	Bagmita Biswas, Gitika Sharma, Isha Chopra, Pragya Narain, Priyanka Rihel (B.Sc. Life Sciences, III year), (B.Sc. Life Sciences Graduate), Taniya Kaushik (B.Sc. Life Sciences, III year)
4	SIP21-22/10	Computer Science	SENTIMENT ANALYSIS OF INDIAN TWEETS DURING COVID-19	Priya Mishra, Maulika Sharma, B.Sc Physical Sciences IV Sem
5	SIP21-22/11	Computer Science	Credibility Analysis of Information on Social Media Platforms using Machine Learning	Ms Shruti Khurana, BA(P) VI Sem, Ms Shivangi Bhatia, BA(P) VI Sem

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6	SIP21-22/12	Computer Science	Trends of Online Degree in India: Challenges, Issues and opportunities	Rupali Ahuja (Department of Computer Science), Lavanya Bhat, Janhavi Khandelwal, Devika Ahlawat, B.A Programme (Computer Applications + Economics), First year
7	SIP21-22/13	Computer Science	An Analysis of Crime against Women in ever Expanding Digital Space	Tanya Choubey (19/0942) (choubeytanya01@gmail.com) Priyanshi Jain (19/0090) (priyanshij2409@gmail.com) Tanusha Jain (19/0192) (tanushajain74@gmail.com) Muskan Verma (19/1845) (muskaanverma19@gmail.com) B.Sc. Physical Science with Computer Science, 3rd year
8	SIP21-22/14	Computer Science	Analysis of Toxic Social Media Text using Deep Learning Techniques	, Tripti Agrawal Computer Science, Tanya Chaudhary and Shruti Sharma from B.Sc. Physical Science with Computer Science, 3rd year; Ruchika and Aaditri Saraswat from B.Sc. Physical Science with Computer Science, 1st year
9	SIP21-22/15	Economics	IMPACT OF ARTIFICIAL INTELLIGENCE ON THE INDIAN ECONOMY AND A CASE STUDY OF CHINA	AARUSHI SHANKER, RIJU GARG (B.A(HONS.) ECONOMICS
10	SIP21-22/19	Mathematics	Blockchain in Research	Kritika Kanojia, Sakshi Punia, Saloni Tiwari, Srishti Uniyal All B.Sc (Hons) Mathematics III yr
11	SIP21-22/20	Mathematics	AN ANALYSIS WITH A MATHEMATICAL APPROACH - MAJOR REASONS BEHIND THE CRISIS OF YES BANK FROM THE INDIAN STOCK MARKET	Mentors: Ms. Nikita Mittal and Ms. Monika Meena- Department of Mathematics Students: Antra Sharma, Ananya Paliwal, Shambhavi Thakur, Nandini Kapoor- BA Economics honours, Third year
12	SIP21-22/21	Physics	Designing of Automated Solar panel and Optimization of solar energy for maximum power	Ms. Bhavna1, Ms. Ria Goel, Ms. Ritika, Ms. Simrat , Ms. Vaishali Bagauli, Ms. Anshita, Ms. Jeau1B. Sc. (H) Physics II year, Maitreyi College, University of Delhi last two students are from B. Sc. (H) Physics I year, Maitreyi College
13	SIP21-22/22	Physics	Battery Capacity: Measurement and Analysis	Urvashi Sangrola*, Pranshi Mathur*, Astha Aggarwal*, Preeti* *Department of Physics, Maitreyi College University of Delhi; B.Sc.(H) Physics 3rd Year
14	SIP21-22/24	Physics	TO DESIGN AND BUILD A PORTABLE GAUSSMETER	Amanjot, Shiva Raj, Soumya Bajpai , Ananya Course-B.Sc physics (H) 1st year

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15	SIP21-22/27	Physics	Investigation of Structural and Optical Properties of Solution Grown Glycine Glutaric Acid Single Crystal	Avnika Tyagi*, Bhawna Verma*, Kirti Bhagia*, Megha Bhardwaj*, Shreya Chaturvedi*, and Nimisha Sagar* *Department of Physics, Maitreyi College University of Delhi, New Delhi-110021, India Details of Students: Course: B.Sc. (H) Physics, Year: second
16	SIP21-22/32	Sociology	The Impact of the Polycystic Ovarian Syndrome (PCOS) on Quality of Life of Affected Women in India: A Sociological Perspective	Ms. Ria Rao BA (Hons) Sociology 2nd year, Ms. Kunika Tyagi BA (Hons) Sociology 2nd year
17	SIP21-22/34	Zoology	Study of hair loss as a side effect of post-COVID-19 and its vaccination	Ms. Ayushi Wadhwa [B.Sc. (Prog.) Life Sciences 3rd year] - 2020/1629. Ms. Vanshika Attrish [B.Sc. (Prog.) Life Sciences 3rd year] – 2020/1631. Ms. Gayatri Pani [B.Sc. (Prog.) Life Sciences 3rd year] – 2020/1766.
18	SIP21-22/35	Zoology	Knowledge, Awareness and Practice of Contraceptives among Women of reproductive age group in Delhi-NCR	Anshu Rana, Shruti Kaushik and Purva Aggarwal
19	SIP21-22/26	Physics	Quantum computing: Introduction, fundamentals and understanding of Deutsch Jozsa Algorithm	Ms. Sharanya Renjit, Ms. Vaishali Sharma, Ms. Purnima, Ms. Sweta Singh, Ms. Rishika,

**Prof. Haritma Chopra**  
Officiating Principal