

EXSP REPORT FOR THE ACADEMIC YEAR 2022-2023

BATCH XXXII (2021-2024)

An EXSP orientation workshop was conducted by the Program Coordinator, in order to introduce EXSP to the F.Y.B.Sc students. XXX batch of EXSP.

PHASE I - SEMINAR COMPONENT

The seminar component workshop was conducted by Ms. Sandhya Kadiru and Dr. Meeta Saxena. The seminars presentations were held 14th June 2023. Evaluation of this activity is by an external examiner and two internal staff-member (one of them is guiding teacher.) The details of the seminars topics and guiding teachers are as given below:

S.No	Name of the student	Name of the topic	Name of the Guiding Teacher
1	Samika Pandey	Use of Stem Cells to treat/prevent early onset dementia	Dr. Arjumanara M Surti
2	Sahana Kumara	Use of Stem Cells to treat/prevent early onset dementia	Dr. Arjumanara M Surti
3	Safia Batatawala	Graphene	Ms. Tanaz Asha
4	Cianna Lopes	Graphene	Ms. Tanaz Asha
5	Paridhi Dwivedi	CRISPR- Cas9 Gene Editing Technology	Ms. Rajani Khandagale
6	Soha Siddiqui	Antimicrobial resistance	Ms. Swamini Patade
7	Bhavisha Patnaik	Microfluidics	Ms. Swamini Patade
8	Farhat Memon	Microfluidics	Ms. Swamini Patade
9	Nithya kodurupaka	Microbial Pigments	Ms. Shraddha Prabhu
10	Alen Shibu	Microbial Pigments	Ms. Shraddha Prabhu

The students were awarded two credits for completing this activity.

SOCIAL COMPONENT

The social component activity was not completed.

The literature survey orientation workshop was conducted by Ms. Shraddha Prabhu. The S.Y.B.Sc EXSP students registered for the activity along with the other team members, guides and topics at the beginning of semester III.

BATCH XXXI (2019-2022)

PHASE II - LITERATURE SURVEY COMPONENT

The seminars presentations were held 24th June 2023. The evaluation of this activity is by an external examiner and two internal staff-member (one of them is guiding teacher.)

The details of the Literature Survey component activity completed by the S.Y.B.Sc EXSP students are as follows:

S.No	Name of the student	Name of the topic	Name of the Guiding Teacher
1	Megha Pillai	Covid-19 And Its Effects On The Mental Health And Brain Maturation In Children And Adolescents	Sandhya Kadiru
2	Pranali Joshi	Is Stem Cell Therapy An Effective Treatment For Autism?	Dr Arjumanara M Surti
3	Preksha Sharma	Isolation And Sensitivity Of Bacteria From vaginal Discharge To Antibiotics	Ms Swamini Patade
4	Ruchi Bohidar	Recent Developments In Nanoplatforms For Diagnosis And Treatment Of Pancreatic Ductal Adenocarcinoma (Pdac)	Sandhya Kadiru
5	Sakshi Sakunde	Cancer Treatment By Curcumin	Ms Swamini Patade
6	Tania Shroff	Antimicrobial Resistance :Mechanisms And Clinical Significance Of An Emerging Crisis	Dr Geetanjali Ganguli

The students were awarded three credits for completing the literature component activity at the end of Semester IV.

The research project proposal writing orientation workshop was conducted for the S.Y.B.Sc EXSP students by Dr. Sirisha Murthy and Sree Kumar. The students registered for the activity after finalizing their research project, guides and team members. The research work was initiated after the semester IV examination in June 2023. Completed project reports will be submitted by the students in April 2023.

BATCH XXX (2020-2023)

PHASE III - RESEARCH COMPONENT

The seminars presentations were held 28th April 23. The evaluation of this activity is by an external examiner and two internal staff member (one of them is guiding teacher.) The details of the T.Y.B.Sc EXSP students completing the Research component activity are as follows:

S.No	Name of the student	Research Topic	Name of the Guiding teacher
1	Padmakeerti Yeleswarapu	Green Synthesis of Nanocomposite Filters for Face Mask	Dr. Prabha Shetty
2	Vidushi Kandpal	"Study Of Antibiotic Resistant Microflora Recovered From The Insides Of Refrigerators"	Dr. Swamini Patade
3	Afrah Kazi	"Study Of Antibiotic Resistant Microflora Recovered From The Insides Of Refrigerators"	Dr. Swamini Patade
4	Vaishnavi Suramaniam	Green Synthesis of Nanocomposite Filters for Face Mask	Dr. Prabha Shetty
5	Fatima Momin	"Microbiological Analysis Of Refrigerator Surface: Understanding The Microbial Contamination Of Food Storage."	Dr. Swamini Patade

The students were awarded four credits for completing the Phase III activity of the EXSP program. They received an additional three credits for their performance at the Semester I – VI, exams. The EXSP completion certificate was awarded to five students who completed the research component activity successfully.

Thank you.

**Dr. P. Sirisha Murthy,
Coordinator**