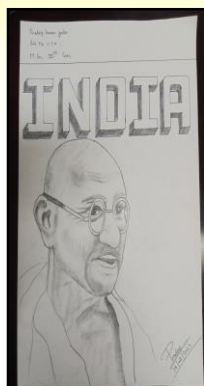


**Department of Electronics & Communication**

A poster making competition was organized on 14<sup>th</sup> August, 2023 in the Department of Electronics and Communication to celebrate Har Ghar Tiranga Programme under Azadi ka Amrit Mahotsav.

**Department of English & Modern European Languages**

In commemoration of the auspicious occasion of the 77<sup>th</sup> Independence Day, PG students of the Department of English and Modern European Languages presented a vibrant cultural programme on the 10<sup>th</sup> August 2023. The event saw the creative and patriotic side of enthusiastic students, who presented dances, recitations of poetry, songs and speeches. On the occasion was present, Prof. S. Saxena, Head of the Department, English & M.E.L., Prof. S.Duttaroy, former Head of the Department, English & M.E.L., Prof. Jaya Kapoor Chaddha and other faculty members.

**AWARDS/LECTURES/HONOURS:****Eco-printing- a sustainable textile printing technique – Dr. Monisha Singh**

There are numerous printing techniques used in the textile industry to print the fabric, but they produce large amounts of toxic chemicals during the printing process that directly or indirectly affect our ecosystem. Eco-printing is a sustainable method of textile printing in which plant materials are used as stencils in the development of prints. A study on rose leaves was conducted by Aanchal Manuja (Research Scholar of the Department of Family and Community Sciences) under the supervision of Dr. Monisha Singh, Assistant Professor in the Department of Family and Community Sciences, University of Allahabad. In this study, waste leaves from rose plants that were discarded for various reasons were used to develop prints on fabric. These leaves were put together in between the layers of fabric, tied, and then steamed to get the print. The printed fabrics were then sent for further testing to NITRA, and the samples scored the highest ratings in colorfastness to light, heat, perspiration, rubbing, and washing. Further research is going on using different leaves and flowers.

**SERB start up research grant (Biological sciences) awarded to: Dr. Gaurav Majumdar, Laboratory of Bio-clocks, Department of Zoology**

Dr. Gaurav Majumdar Assistant Professor, Department of Zoology has been awarded with SERB start up research grant of Rs 30 lakhs for the year 2023. Research theme for the award: A large percentage of physiological processes and disease incidence are seasonal including disorders of nervous system. The annual change in day lengths is one of the most important environmental stimuli that can improve health or cause neuropathology (e.g., seasonal affective disorder; SAD, neurodegenerative disorders). However, how natural seasonal cycle of light availability regulates cognitive neurophysiology is not known. Further, in mammals, eye is essential for light detection and transmitting sensory information into the brain. The molecular components that respond to light stimulation have several connections to brain regions that modulate seasonal rhythms in physiology, immune function and cognitive health. My lab and this project aim to use cutting-edge deep transcriptome sequencing and other molecular biology tools to investigate the entire suite of seasonally changing molecules in the eye and the sensory brain regions responsible for mood and cognition control.