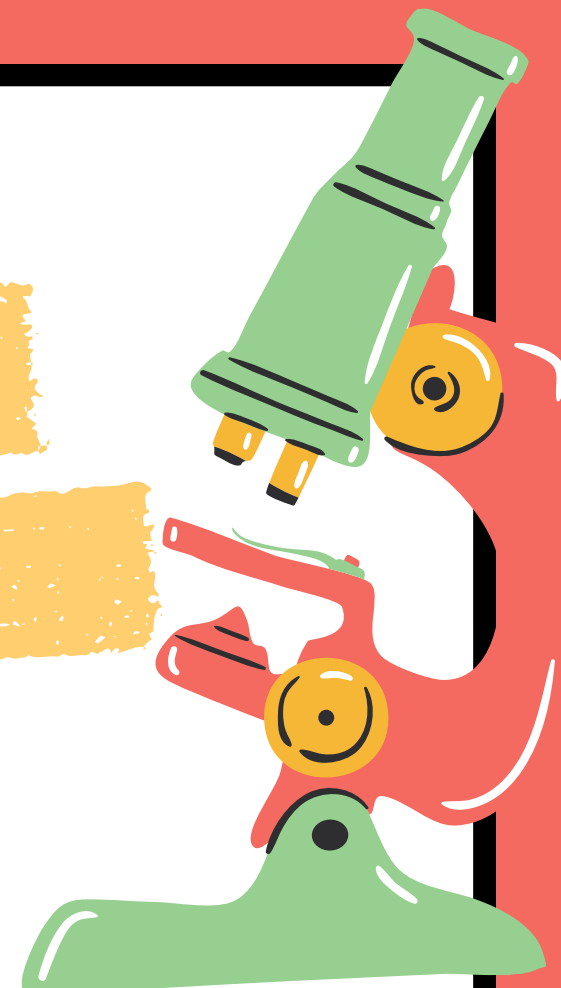
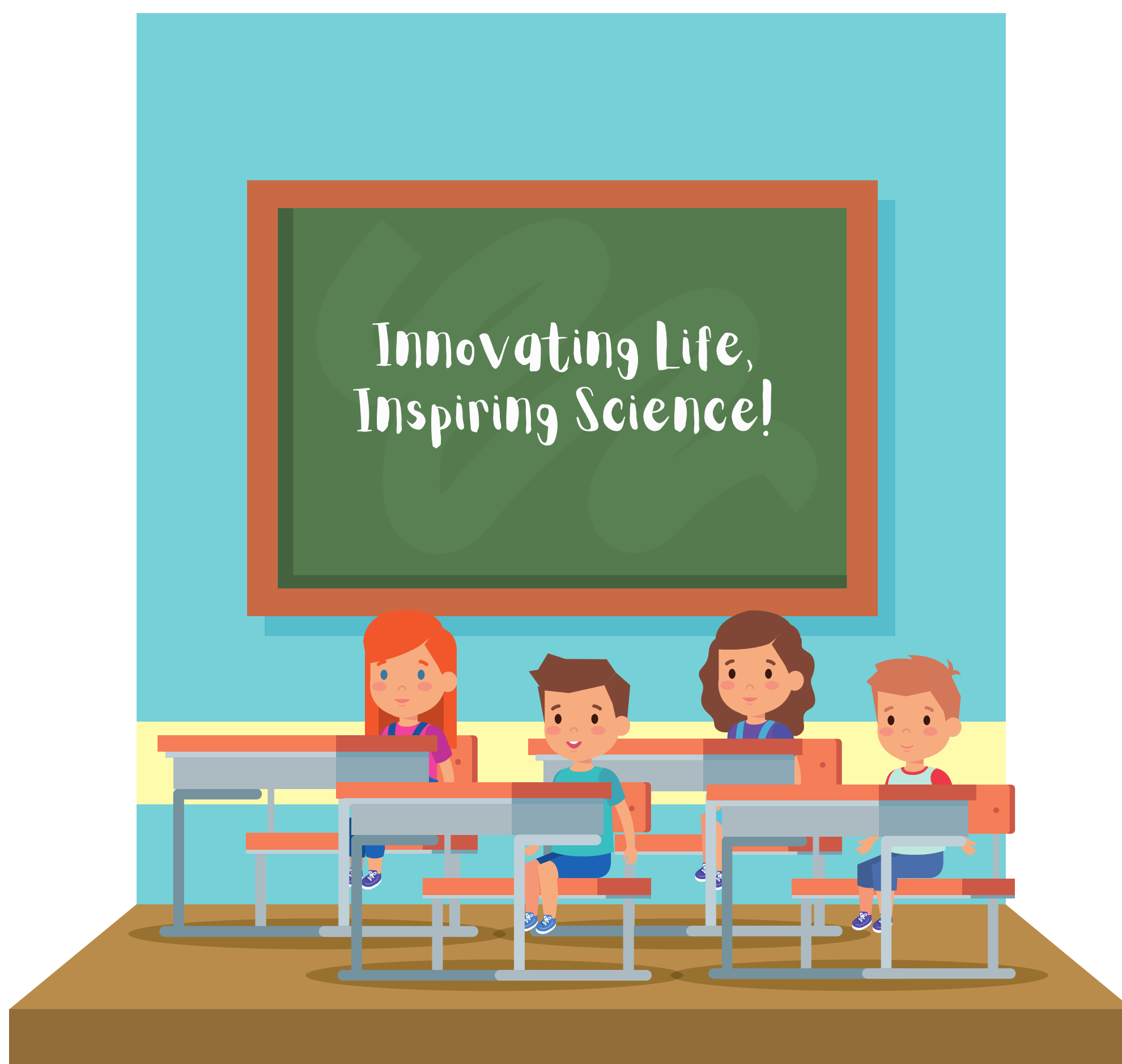


GNIPST BULLETIN LIFE-SCIENCE

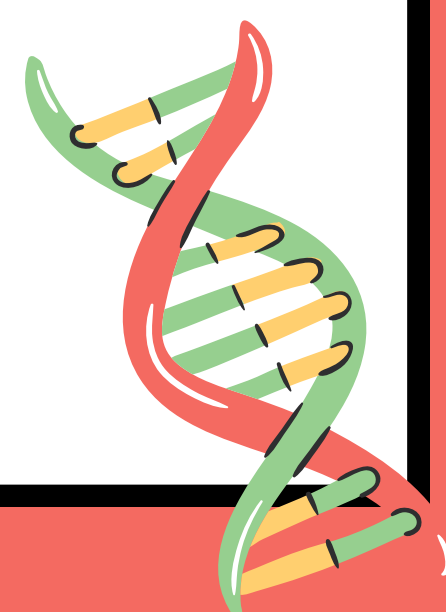
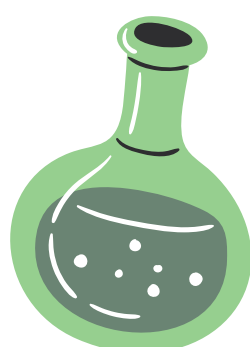


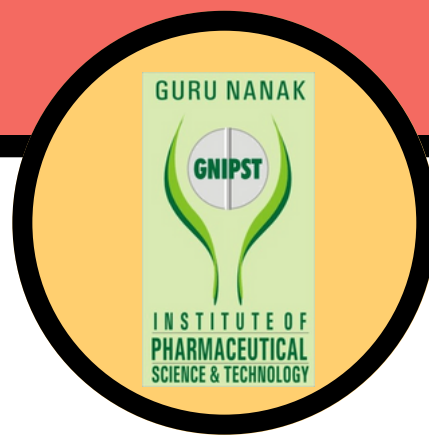
Guru Nanak Institute of Pharmaceutical Science and Technology

Volume 3 Issue 1



Welcome to our monthly Digital Science Archive!

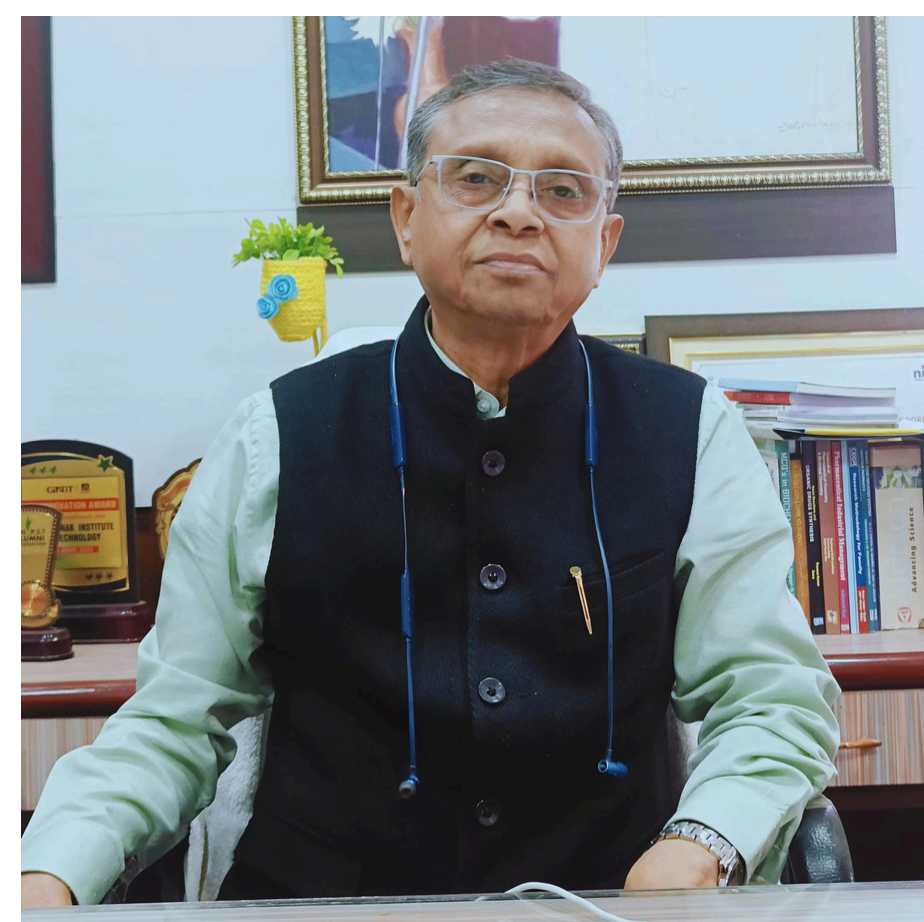




IN REFLECTION AND VISION

The Director's Note

It is with great pride that we present Volume 3, Issue 1 of the GNIPST Bulletin, a vibrant reflection of our collective academic spirit and scientific inquiry. At Guru Nanak Institute of Pharmaceutical Science and Technology, we remain committed to fostering a culture of excellence through a blend of rigorous academics, practical exposure, and innovative thinking. The life sciences are rapidly evolving, and our students and faculty continue to contribute meaningfully to this dynamic field. This bulletin highlights achievements, new initiatives, and the creative energy that drives GNIPST forward. I encourage everyone to stay connected, engaged, and inspired as we continue this shared journey of growth and discovery.



Dr. Abhijit Sengupta

Innovating Life,
Inspiring Success

The Principal's Note



Dr. Lopamudra Datta

We are delighted to present Volume 3, Issue 1 of the GNIPST Bulletin – Life Science, marking the beginning of a new chapter in our journey of academic excellence, research, and innovation. As one of the leading institutions in West Bengal, GNIPST remains committed to providing advanced laboratory facilities, practical learning experiences, and industry-relevant internships. We continue to nurture our students with a strong foundation in scientific knowledge, ethical values, and critical thinking. Thank you for your ongoing support and enthusiasm. We look forward to bringing you many more stories of achievement, growth, and inspiration in the issues ahead. Stay connected—our journey has only just begun!



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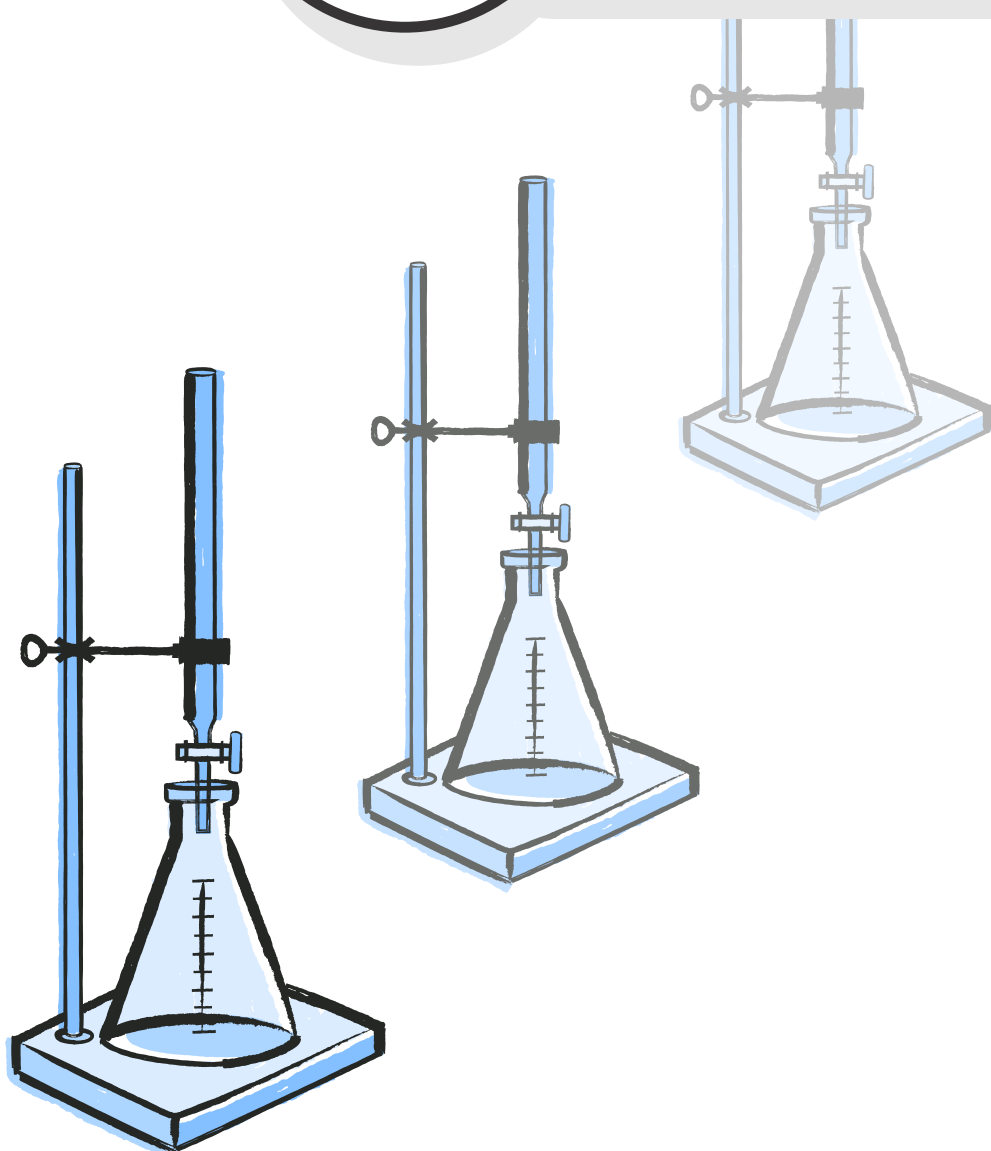
Activity Corner

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SCIENCE UPDATE

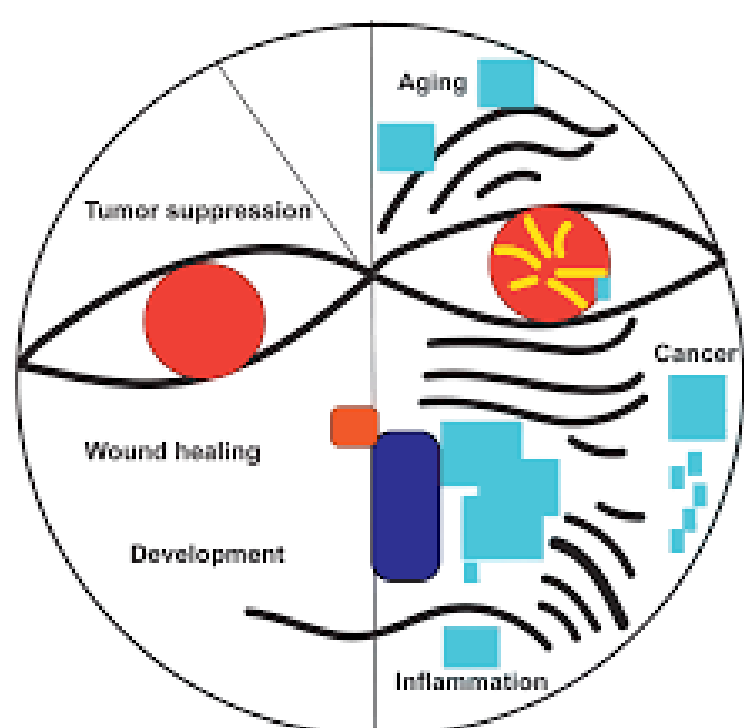
TIGR-Tas: A New Gene-Editing System Beyond CRISPR

Discovered at MIT and Broad Institute, TIGR-Tas uses a dual-spacer RNA-guided mechanism for precise DNA targeting without needing a PAM sequence—ushering in potentially simpler gene-editing therapies



Read More : [TIGR-Tas: A New Gene-Editing System Beyond CRISPR](#)

Senescent Macrophages Found to Fuel Tumor Growth



Aging immune cells in tumors may actually promote cancer progression—highlighting a complex role for senescence in cancer biology

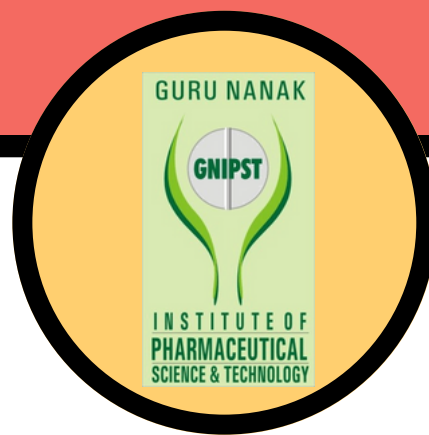
Read More : <https://pmc.ncbi.nlm.nih.gov/articles/PMC12096907/>

Deep-Sea Currents Create Evolutionary ‘Superhighways’

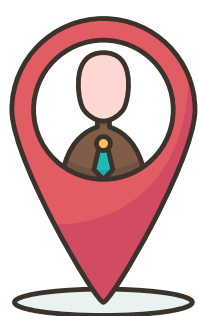
DNA from brittle stars across oceans show connectivity across continents, meaning larvae travel vast distances—reshaping our understanding of marine biodiversity and evolution



Read More : <https://oceanographicmagazine.com/news/deep-sea-dna-study-reveals-marine-life-s-global-connectivity/>



THE CAMPUS PULSE



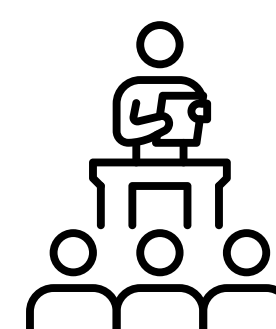
Snapshots from the **Campus Placement Drive** by M/s Pharma Quant



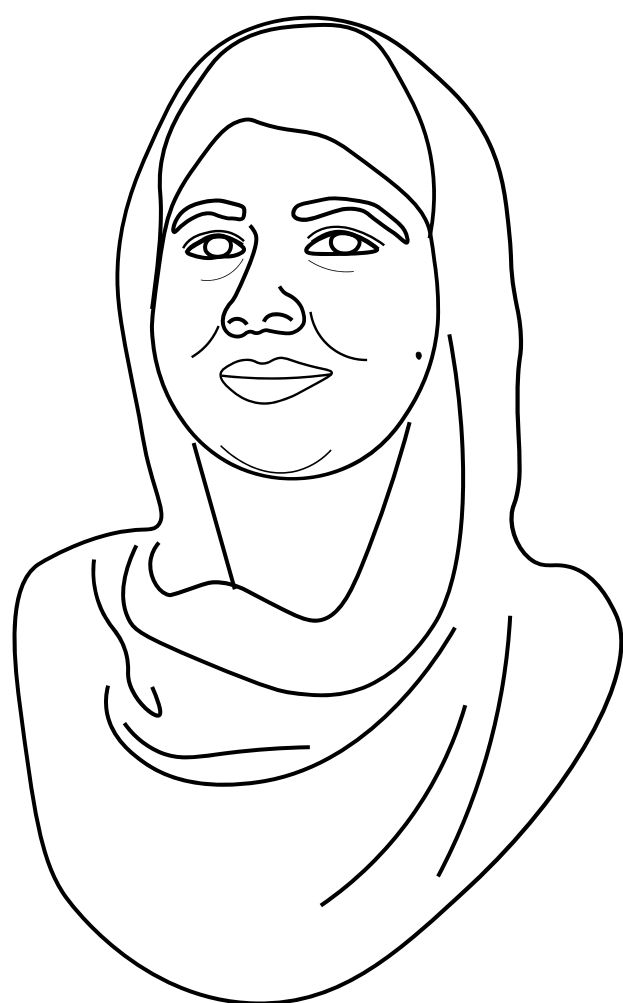
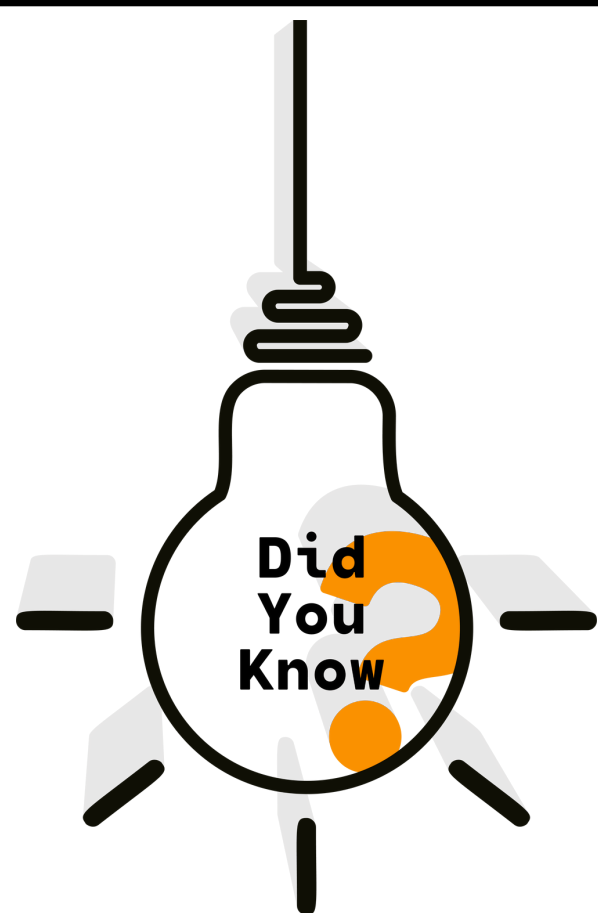
Brahma Kumaris at GNIPST: Celebrating Rakhi with the Divine Message of Peace and Unity



National Seminar on “Intellectual Property – Procedures and Issues!”



National Seminar on Hair Loss and Skin Care!



ACTIVITY CORNER

Malala Day is celebrated on July 12th, marking the birthday of Malala Yousafzai, the youngest Nobel Peace Prize laureate. At just 16, Malala delivered a powerful speech at the United Nations, advocating for girls' right to education worldwide. Her words, *"One child, one teacher, one book, and one pen can change the world,"* continue to inspire global movements for equality and learning. Malala Day honors her courage and reminds us of the transformative power of education.

WORD SCRAMBLE CHALLENGE: CELEBRATING MALALA DAY!

AALAML YAD →

OIUDETCNA →

AOPCE →

GEAILTYQU →



Fastest correct entry wins a shoutout in our next bulletin!



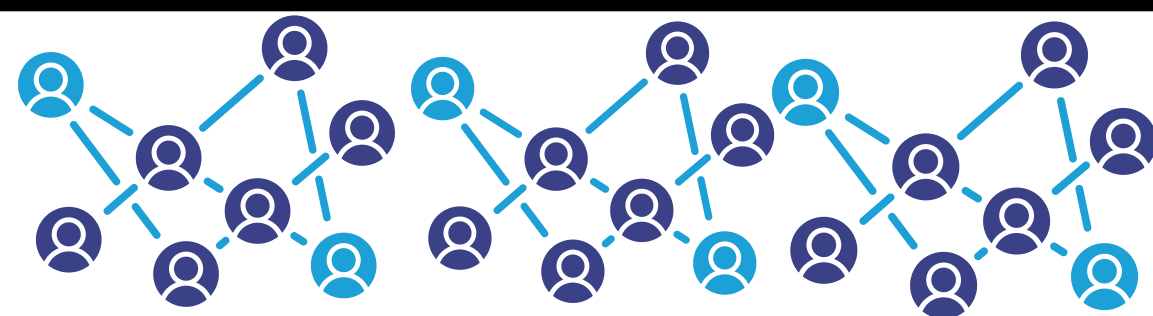
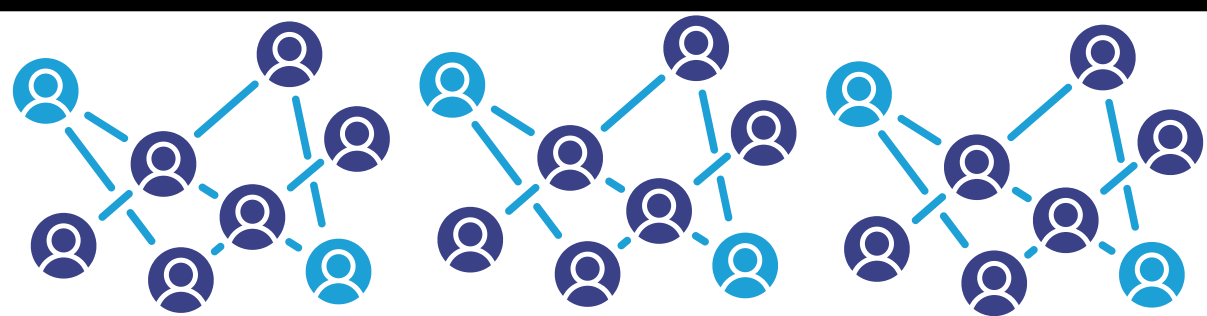
ANSWER KEY (VOLUME 2 ISSUE 6)

CPEETACNAC → ACCEPTANCE
IVSTYREID → DIVERSITY
INOTICLUS → INCLUSION
DGEOWLENK → KNOWLEDGE
TSNERHGTH → STRENGTH

SHOUT OUT TO THE “**ACTIVITY CORNER**’ WINNER OF
VOLUME 2 ISSUE 6



Koyel Das, Guru Nanak Institute of Pharmaceutical Science and
Technology, BBA(HM)



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