



SCHOOL OF APPLIED SCIENCES & TECHNOLOGY SAST-GTU

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e-Newsletter by SAST-GTU

Volume 1 Issue 1 July 2022

VRUTANT





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Vrutant in English can be translated as Memoir writing. Vrutant was selected as a title for the School of Applied Sciences & Technology (SAST) newsletter as it conveys the message of what the school wishes to say. The newsletter was designed in a format that showcases the activities of the school and its members. The newsletter is divided into many sections, each displaying a different identity of the school among various platforms. Not just academic, the newsletter also puts forward the artistic traits of the students and the faculty members of SAST. Overall, Vrutant is not just a school magazine but a reflection of the school's strength and capabilities.

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MESSAGE FROM THE HONORABLE VICE CHANCELLOR

Greetings from the Gujarat Technological University!

Since the establishment of the University in 2007, the University has striven to serve the society by providing skilled individuals in all technical branches of knowledge. GTU has set several new records in doing so and has always been recognized as one of the leading institutions for technical courses. Incorporating the Government of India's vision of Self-reliance, the University has tailored courses consistent with the National Education Policy (NEP)-2020. The University is a hub of numerous start-up activities in diverse fields thereby setting an example for the Government of India's vision of an Aatma-nirbhar Bharat. It is my proud privilege to inform that the university has been accoladed with 5th Rank in 'Atal Ranking of Institutions (ARIIA) - 2020 in the Government and Government Aided Universities and has been awarded with the prestigious QS I-GUAGE E-LEAD (E- Learning Excellence for Academic Digitization) Certificate for its preparedness to conduct online teaching and learning programs during the time of Covid.

With new additions being made into the GTU family every day, I am very pleased to be a part of the first Newsletter launched by the School of Applied Sciences and Technology. I give my best regards to the Director, Faculty members and the students for this and many more occasions to come.



Prof. (Dr.) Navin Sheth
Vice Chancellor, Gujarat Technological University

MESSAGE FROM THE REGISTRAR

Compliments from the Gujarat Technological University!

Every step whether big or small taken by the members of an Institution is an expression of the institute itself. The University has always encouraged its members for participating in activities that are not only subject-specific but also those that promote their holistic development. Co-curricular and extra-curricular activities act as building blocks for personality development of individuals. Within the budding years of the school, its students and faculty members have proven to be zealous and have made a mark of their own through active participation in various projects on individual as well as School and University level. I can envision bright future prospects and would like to give everyone my best wishes.

On the behalf of the University, I would like to congratulate the School of Applied Sciences and Technology for launch of their first Newsletter and would expect nothing less than laurels in their future.



Dr. K. N. Kher,
Registrar, Gujarat Technological University

MESSAGE FROM THE DIRECTOR



Greetings from the School of Applied Sciences and Technology!

We here at the school are about to complete our First Academic Year, which started amidst the peak of the pandemic.

The school is proud to present its First Newsletter, giving an insight into the school and a glimpse of this year's happenings!

The school currently runs programs such as Ph.D. in Biotechnology, M.Sc. Industrial Biotechnology, PG Diploma Bioinformatics and Integrated MSc. Biotechnology. SAST-GTU is dedicated to encourage students to deepen their knowledge and cultivate their interests that in turn will be beneficial for their successful future. We have the latest versions and models of the sophisticated instruments and software along with dedicated laboratories to provide practical experience and develop a research-oriented aptitude among the students. Our faculty members are highly skilled and resourceful, always committed to providing the students with all academic prerequisites and encouraging them to sharpen their skills in the subject specialization of their choice. The school also promotes new innovative start-up ideas by encouraging students to develop their products. Various activities are regularly conducted at the student as well as school-level apart from their academics that not only provides them with a leisure pursuit but also builds their ethical responsibility and model citizens by imparting necessary life skills such as being a team player, leadership, sportsmanship and much more. We have always strived towards excellence and continuous development to keep up with the ever-evolving world. With this, I give my best wishes for all the accomplished success and future endeavours.

Prof. (Dr.) Vaibhav Bhatt
Director, SAST-GTU

About SAST-GTU

School of Applied Sciences & Technology (SAST) is a recent addition to the technology education portfolio of Gujarat Technological University, Ahmedabad, Gujarat.

SAST-GTU was established in Academic Year 2021 aimed at providing skilled and trained personnel in the field of Biotechnology, Bioinformatics and Computer Science and invites next-generation professionals to start the journey towards a successful career in such professional domains. The School is a budding institution with State-of-the-Art infrastructure and Laboratory facilities.

The School of Applied Sciences and Technology consists of highly qualified faculties with industrial experience who are experts in their domain thereby providing students with excellent guidance and expertise.

VISION:

To be among the nation's leading schools of research and innovation.

MISSION:

To empower next-gen professionals with skills for global competitiveness by imbining research-based aptitude, technological advancement, intellect and ethical values.



GALLERY

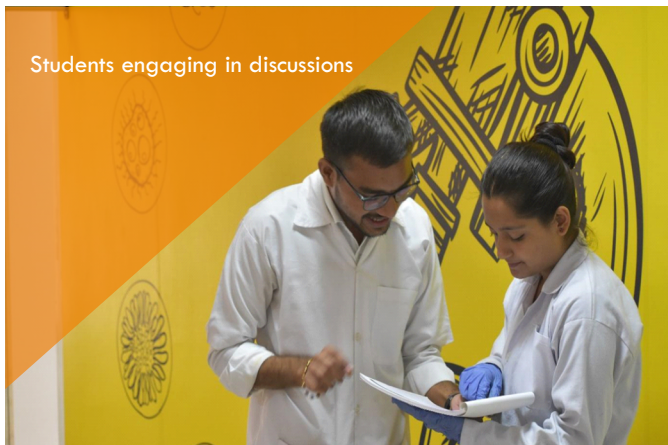
Our lab spaces



Our lab spaces



Students engaging in discussions



Students engaging in discussions



Library Hours



Saturday event planning and Co-curricular Activities



COLLABORATIONS

MOU with GBRC

The very first MOU signed after the establishment of the School of Applied Sciences and Technology, Gujarat Technological University was with the Gujarat Biotechnology Research Centre (GBRC), Gandhinagar on 05th October 2021.

Under the MOU, a Hands-on Training Program was conducted titled Basic Molecular Biology Techniques from 25th to 29th October 2021. Two of the faculty members participated in the same.



MOU with FRIGE

School of Applied Sciences and Technology, Gujarat Technological University further collaborated with Foundation for Research in Genetics and Endocrinology (FRIGE), Institute of Human Genetics, Ahmedabad. The MOU was signed on 22nd October 2021.

Two students of the Post Graduate Diploma in Bioinformatics got an opportunity to pursue their six-month internship at FRIGE, Ahmedabad.



EXPERT TALKS / SEMINARS / WEBINARS *conducted by SAST-GTU*

Expert Talk on **“Peptide-Based Vaccine Design Using Immunoinformatics Approaches”**

Expert details: Dr. Bhawna Rathi,
Assistant Professor, School of
Biotechnology, Amity University
Noida
Convener: Prof. Vaibhav Bhatt
Coordinator: Dr. Kshipra Chauhan

The session was conducted on December 18, 2021 for the students of MSc. Industrial Biotechnology and P. G. Diploma in Bioinformatics. The aim of the session was to give an overview of Immunoinformatics, its scope and applications in industries and research. The lecture focused on how immunoinformatics has paved the way for getting a better idea about infectious diseases, their diagnosis and diagnostics, the immune system response and how computational vaccinology can be



beneficial in the related areas. The lecture also gave an insight to the designing function and effects of Peptide-based vaccines. The students found the lecture to be very interesting and insightful. The session concluded with certificate distribution and group photograph.



Expert Talk on **“Deciphering the functional difference in structurally related proteins in bacteria”**

Expert details: Dr. Shantanu Shukla
Postdoctoral Scientist,
Northwestern University,
Chicago, USA.
Collaborator: Student Innovation Fest (Vigyan Gurjari), 2022
Coordinator: Dr. Neelam Nathani

The Expert talk session via online mode was organised under the Student Innovation Fest-2022 (Vigyan Gurjari).

Dr. Shantanu Shukla has won many awards and has numerous publications under his name. He has delivered lectures and participated in many International Conferences.

Around 110 participants participated in the session from various Schools such as the School of Applied Sciences, Graduate School of Management Studies, Graduate School of Engineering along with the faculties of the schools.

The session was a valuable addition to the knowledge of the students and helped them explore the in-depth areas of protein research.



Dr. Shantanu Shukla is a Postdoctoral Scientist at Feinberg School of Medicine, Northwestern University, Chicago, USA. The program was conducted in the presence of faculty members from Schools of Applied Sciences, Management, Engineering and Pharmacy, GTU

TRAINING WORKSHOPS Conducted by SAST-GTU

1. Basic Animal Cell Culture Techniques: Demonstration and Hands-on Experiments

Convener: Prof. Vaibhav Bhatt Coordinator: Dr. Neelam Nathani

Program Summary:

For Skill Development and Training, the School of Applied Sciences and Technology had conducted two batches of 3-Days Workshop on "Basic Animal Cell Culture Techniques, Demonstration and Hands-on Experiment" during Applications were received from Bachelors to Doctoral students across India from which 10 were selected and 2 internal PG students were also given the opportunity to get trained. There was enthusiastic participation throughout the sessions. The participants were introduced to the topic of Cell culture, different Cell Culture Techniques and its applications in Vaccinology through the theory Sessions conducted by Dr. Vaibhav Bhatt, Dr. Chandrashekar Mootapally and Dr. Neelam Nathani.

Each day of the session started with a theory lecture going in depth about the cell culture techniques, media, methods and instruments used along with a demonstrative session on Day 1, followed by Hands-on practicals by the participants on Day 2 and 3. The technical staff for the sessions included Ms. Riya Desai, Ms. Pratiksha Nimbkar for the workshop.

Batch 1: February 21st -23rd, 2022



Batch 2: March 23rd -25th, 2022



2. Hands-on training on Molecular Biology Techniques organized at GBRC in collaboration with SAST-GTU

Coordinator: Prof. Vaibhav Bhatt

The Workshop was jointly organised by Gujarat Biotechnology Research Centre and Gujarat Technological University and was sponsored by Gujarat State Biotechnology Mission, DST GoG between 25th and 29th October 2021.

Through the workshop, the concepts related to DNA extraction, PCR and electrophoresis were explained and demonstrated.

Dr. Vaibhav Bhatt and Dr. Kshipra Chauhan were invited as Guest Lecturers to give Expert talks.

Hands on Training Program on
Basic Molecular Biology Techniques

From 25th to 29th October, 2021
Jointly organized by
Gujarat Biotechnology Research Centre
&
Gujarat Technological University
Sponsored by
Gujarat State Biotechnology Mission, DST, GoG

Training Highlights	Registration Details	Team
1. Genomic DNA isolation from blood, bacteria and plant	Interested individuals have to fill online application form at https://gtrc.sast-gtu.org/biotraining	Dr. Madhvi Joshi Joint Director, GBRC
2. Plasmid extraction from bacteria	10 seats only! Last date of application: 18 th Oct, 2021	Dr. Vaibhav Bhatt CTO, Atal Incubation Centre, GTU
3. PCR and primer designing	Fees: Rs. 1000/- for Student Rs. 2000/- for Faculty Rs. 3000/- for Industry	Resource persons: Dr. Kshipra Chauhan (Assistant Professor, GTU) Dr. Sarvendra Shukla (Scientist-B, GBRC) Mr. Akhil Shah (RA, GBRC) Mr. Taranjit Trewadi (SSE, GBRC) Mr. Tejashwari Mishra (JRF, GBRC)
4. QIAxcel advanced automated electrophoresis analysis		
5. PAG electrophoresis		

Venue
Gujarat Biotechnology Research Centre
Department of Science and Technology
6th Floor, MS Building, GH Road, Sector-11
Gandhinagar, Gujarat-382011
Phone: 079-23256500
Email: info-gbrc@gujarat.gov.in

Translating Brighter Biofuture

GBSTM
DST
Gujarat State Biotechnology Mission

gtrc.sast-gtu.org
gtrc.gujarat.gov.in
gtrc.gujarat.gov.in
gtrc.gujarat.gov.in

EXPERT TALKS BY THE SAST FACULTY

Name of the Faculty	Title of the talk	Date	Title of the Workshop/FDP/Conference/Seminar/Webinar	Organised by
Prof. Vaibhav Bhatt	Global Community Engagement for Physical Educators to Reshaping the Sports & Physical Education: Post Pandemic	11-Mar-22	Global Community Engagement for Physical Educators to Reshaping the Sports & Physical Education: Post Pandemic	Physical Education Foundation of India, New Delhi
	Study of Anticancer Potential of Herbal Compounds through Cell Line Studies	11-Jan-22	Study of Anticancer Potential of Herbal Compounds through Cell Line Studies	Graduate School of Pharmacy, Gujarat Technological University
	Animal Cell Tissue Culture: An Introduction	25-Aug-21	Basic Animal Cell Culture Techniques	Atal Incubation Center, Gujarat Technological University
	Cell line: Promising tool to accelerate Drug repurposing	16-Jun-21	Drug Repurposing (DR) : An Emerging approach in drug discovery	Anand Pharmacy College
	Student Startup and Innovation	18-Aug-21	Seminar on Student Startup and Innovation Program (SSIP)	Research Committee, Christ College, Rajkot
	Innovation and Start-ups	4-Jan-22	Vigyan Utsav	Webinar

EXPERT TALKS BY THE SAST FACULTY

Name of the Faculty	Title of the talk	Date	Title of the Workshop/FDP/Conference/Seminar/Webinar	Organised by
Dr. Chandrashekar Mootapally	Amplicon analysis tools (Lecture) and QIIME2 (Practical Session)	17-Feb-22	Metagenomic Data Analysis	Gujarat Biotechnology Research Centre in collaboration with Veer Narmad South Gujarat University and funded by GSBTM
	Marine Biotechnology: scope as vast as oceans and gaps as deep as seas	24-Jan-22	Redefining Rejuvenating, and Reskilling Biotechnology & Bio-Science Teaching & Research	UGC-HRDC, Jain Narain Vyas University, Jodhpur
	Amplicon analysis tools (Lecture) and QIIME2 (Practical Session)	10-Nov-21	Metagenomic Data Analysis	Gujarat Biotechnology Research Centre in collaboration with Veer Narmad South Gujarat University, funded by GSBTM
Dr. Kshipra Chauhan	PCR and Primer designing	27-Oct-21	Basics Molecular Biology Techniques	Gujarat Biotechnology Research Centre in collaboration with Gujarat Technological University, Ahmedabad and funded by GSBTM
Dr. Neelam Nathani	Multiple Sequence Alignment (Local, Global)	22-Sep-21	Basics of Bioinformatics	Gujarat Biotechnology Research Centre in collaboration with Sterling Accuris Diagnostics, Ahmedabad funded by GSBTM



Ongoing Research Projects

Sr. No.	Title of the Project	Name of PI & Co-PI/s	Duration	Sanctioned Total Funds	Funding Agency
1	Network Program on Antimicrobial Resistance, Superbugs and one One Health (Environment Node)	Dr. Chandrashekar Mootapally	2021-2024	INR 85 Lakhs	GSBTM, Government of Gujarat
		Dr. Vaibhav Bhatt, Dr. Neelam Nathani			
2	Venom apparatus transcriptome of lionfish: Molecular sieving for potential drug candidates	Dr. Chandrashekar Mootapally	2021-2022	100000 INR	SMS, Gujarat Technological University
		Dr. Vaibhav Bhatt			
3	Exploration of antiinflammatory and hepatoprotective potential of <i>Onosma bracteata</i> Wall – A controversial botanical source of Ayurvedic Medicine <i>Gojihva</i>	Udaykumar Vegad	2021-2022	30000 INR	SMS, Gujarat Technological University
		Dr. Vaibhav Bhatt			
4	Development and Validation of rtPCR assay for detection of hepatitis B virus (HBV) - Contributing to Atmanirbhar Bharat in HBV diagnosis	Dr. Dolatsinh Zala	2022-2023	100000 INR	SMS, Gujarat Technological University
		Dr. Neelam M. Nathani			
5	Molecular identification of <i>Hyalomma anatolicum</i> ticks to map its genetic diversity in Gujarat	Dr. Kshipra Chauhan	2022-2023	100000 INR	SMS, Gujarat Technological University
		Dr. Vaibhav Bhatt			

Glimpse of the Pre-Monsoon Sampling (2022) for the AMR Project

The sampling field visit lasted for three days and the members attending the visit included Dr. Chandrashekar Mootapally (PI for the project), Mr. Parth Prajapati and Mr. Parth Sharma (JRFs for the project) and Mr. Gaurang Kumar Makawana and Mr. Animesh Ray (Students of MSc. Industrial Biotechnology).

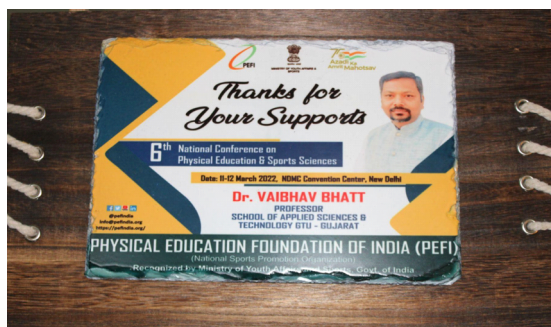


AWARDS



Dr. Vaibhav Bhatt has been awarded with the Certificate of Appreciation and Trophy for receiving laboratory approval Indian Council of Medical Research (ICMR), New Delhi and All India Institute of Medical Sciences (AIIMS), Jodhpur to carry out Real-time PCR-based diagnosis of COVID-19 at the Gujarat Technological University.

Felicitation of Dr. Vaibhav Bhatt during the 6th National Conference on Physical Education & Sports Sciences by Physical Education Foundation of India (PEFI), New Delhi on 11th March, 2021.



On the 15th Foundation Day of the Gujarat Technological University, the Foundation Day ceremonies included presenting awards to the members for their excellence and contribution in different categories like Best thesis and Best Supervisor, Awards for various competitions such as 'Sadoksha' IP Blog Writing competition, Rangoli Competition, etc.



In the category of Recognition of GTU Staff Members for Outstanding Accomplishments, the School of Applied Sciences and Technology - GTU congratulates Dr. Chandrashekar Mootapally (Assistant Professor, SAST) for receiving an Appreciation Award for receiving "Extramural Research Grant from GSBTM" presented by Shri. Jitubhai Vaghani Sir (Minister of Education, Minister of Science and Technology, Govt. of Gujarat) and Shri. Kuberbhai Dindor Sir, Hon'ble Minister of Higher and Technical Education, Legislative and Parliamentary Affairs, Govt. of Gujarat.

Research Publications by SAST-GTU

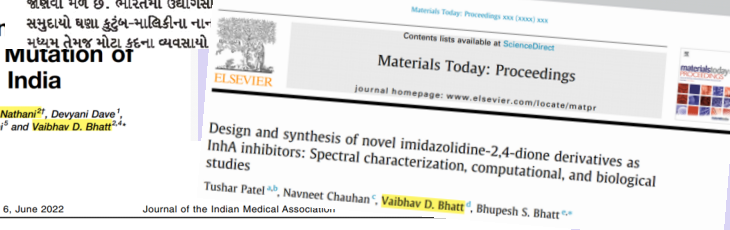
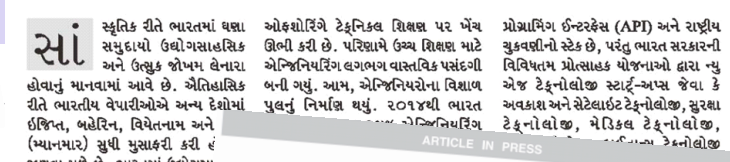
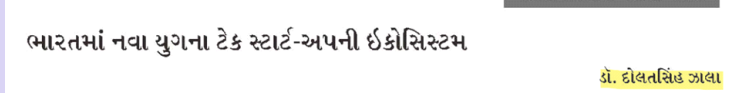
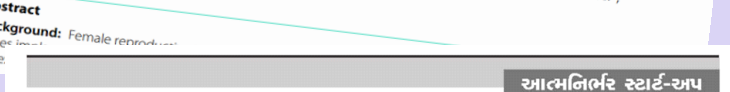
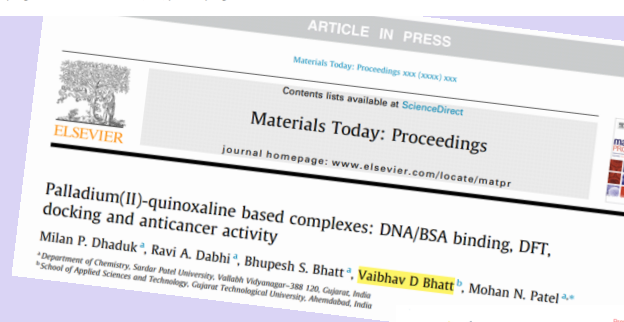
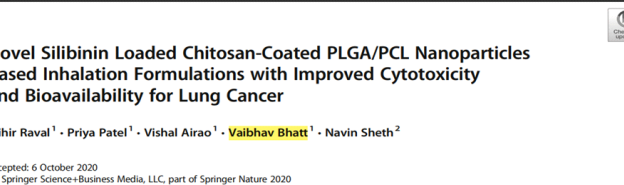
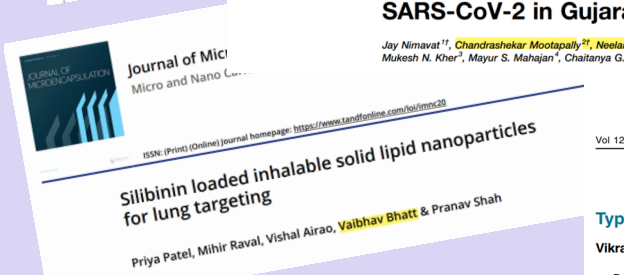
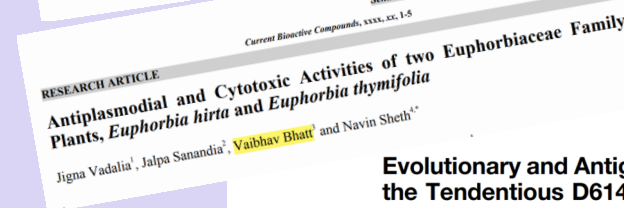
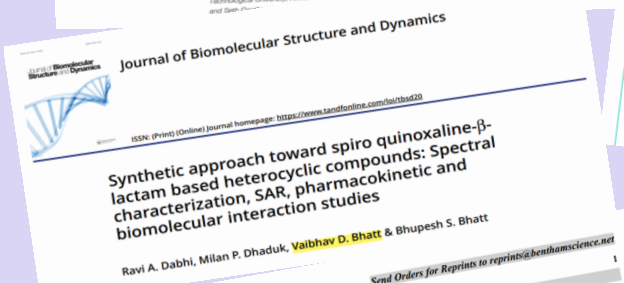
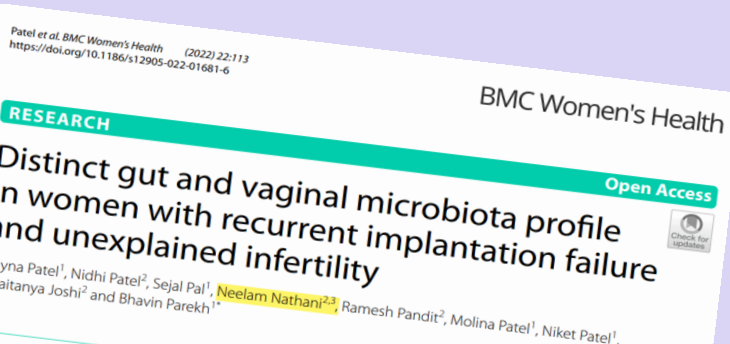
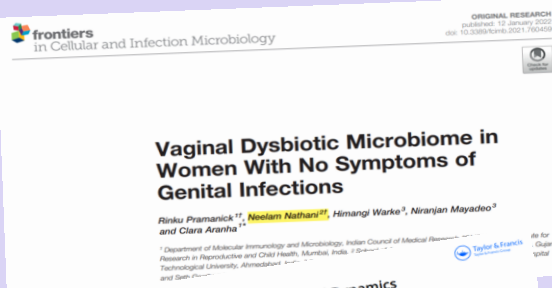
Sr. No.	Title	Journal	Year	Impact Factor	Authors
1	Vaginal dysbiotic microbiome in women with no symptoms of genital infections.	Frontiers in Cellular and Infection Microbiology	2022	6.073	R Pramanick, Neelam Nathani , H Warke, N Mayadeo, C Arhana
2	Typhoid Outbreak during the Pandemic of COVID-19: A Report	Journal of the Indian Medical Association	2022	0.03	Vikram Khan, Dolatsinh Zala , A A Sanghai, V K Das
3	Tech-Startup Ecosystem of the Current New World	Yojana	2022	NA	Dr. Dolatsinh Zala
4	Palladium(II)-quinoxaline based complexes: DNA/BSA binding, DFT, docking and anticancer activity	Materials Today: Proceedings	2022	1.42	M.P. Dhaduk, R.A. Dabhi, B.S. Bhatt, Vaibhav Bhatt , M.N. Patel
5	A review on touch DNA collection, extraction, amplification, analysis and determination of phenotype	Forensic Science International	2022	2.676	Pratiksha Nimbkar, Vaibhav Bhatt
6	Green approach for the synthesis of novel spiro quinoxaline-pyrimidine based heterocyclic compounds as anticancer agents	Materials Today: Proceedings	2022	1.42	Ravi A.Dhabi, Milan P Dhanduk, Vaibhav Bhatt , Bhupesh S Bhatt
7	Synthetic approach toward spiro quinoxaline- β -lactam based heterocyclic compounds: Spectral characterization, SAR, pharmacokinetic and biomolecular interaction studies	Journal of Biomolecular Structure and Dynamics	2022	5.235	RA Dabhi, MP Dhaduk, Vaibhav Bhatt , BS Bhatt
8	Distinct gut and vaginal microbiota profile in women with recurrent implantation failure and unexplained infertility	BMC Women's Health	2022	2.742	Nayna Patel, Nidhi Patel, Sejal Pal, Neelam Nathani , Ramesh Pandit, Molina Patel, Niket Patel, Chaitanya Joshi, Bhavin Parekh
9	Lung cancer targeting efficiency of Silibinin loaded Poly Caprolactone / Pluronic F68 Inhalable nanoparticles: In vitro and In vivo study	PLOS ONE	2022	3.752	Priya Patel, Mihir Raval, Aneka Manvar, Vishal Airao, Vaibhav Bhatt , Pranav Shah

Research Publications by SAST-GTU

Sr. No.	Title	Journal	Year	Impact Factor	Authors
10	Silibinin loaded inhalable solid lipid nanoparticles for lung targeting.	Journal of Microencapsulation	2022	3.142	Priya Patel, Mihir Raval, Vishal Airao, Vaibhav Bhatt , Pranav Shah
11	Design and synthesis of novel imidazolidine-2, 4-dione derivatives as InhA inhibitors: Spectral characterization, computational, and biological studies	Materials Today Proceedings	2022	1.42	Tushar Patel, Navneet Chauhan, Vaibhav Bhatt , Bhupesh Bhatt
12	Novel Silibinin Loaded Chitosan-Coated PLGA/PCL Nanoparticles Based Inhalation Formulations with Improved Cytotoxicity and Bioavailability for Lung Cancer.	Bionanoscience	2022	2.305	Mihir Raval, Priya Patel, Vishal Airao, Vaibhav Bhatt , Navin Sheth
13	Evolutionary and antigenic profiling of the tendentious D614G mutation of SARS-CoV-2 in Gujarat, India	Frontiers in Genetics	2022	4.772	Jai Nimavat, Chandrashekar Mootapally , Neelam Nathani , Devyani Dave, Mukesh Kher, Mayur Mahajan, Chaitanya Joshi, Vaibhav Bhatt
14	Heteroleptic C, N-Donor Pd (II) Complexes: Synthesis, Characterisation, DNA/BSA Binding Interactions and Biological Studies.	Research Square	2022	NA	Nikita Patel, Milan Dhaduk, Ravi Dhabhi, Bhupesh Bhatt, Vaibhav Bhatt , Mohan Patel
15	Lycopene loaded polymeric nanoparticles for prostate cancer treatment: Formulation, Optimization using Boxbehnen design and cytotoxic studies	Current Bioreactive compounds	2021	1.309	Jigna Vadalía, Jalpa Sanandia, Vaibhav Bhatt , Navin Sheth
16	Antiplasmodial and Cytotoxic Activities of two Euphorbiaceae Family Plants, Euphorbia hirta and Euphorbia thymifolia.	Journal of Drug Delivery Science and Technology	2021	5.062	Ankita Goswami, Nirav Patel, Vaibhav Bhatt , Mihir Raval,

PUBLICATIONS

Research Publications by SAST-GTU



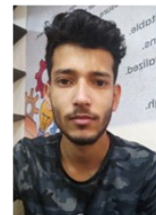
Student Internship PG Diploma in Bioinformatics Students



Ms. Parin Vyas
Dissertation Training
FRIGE, Ahmedabad



Mr. Krishna Vaibhav Tiwari
Field Application Scientist- Bioinformatics Intern
(paid internship)
PREMAS lifesciences, New Delhi



Mr. Kartik Chauhan
Dissertation Training
FRIGE, Ahmedabad

STUDENT ACHIEVEMENTS

The Students of the School of Applied Sciences and Technology are not only academically sound but also enthusiastically participate in sports and cultural events.



Team Boys- SAST won a runner-up position in Zone-1, Intercollege Chess Tournament on 20th October 2021.



Team Girls-SAST, won a certificate of achievement for performance in Zone-1, Intercollege Chess Tournament on 20th October 2021.



Two of the PhD Scholars (Pratiksha Nimbkar and Nidhi Vyas) participated in the National Workshop-cum-CME titled "Recent Advances in Cancer ResearchDiagnostics to Therapeutics" between 24-26 March, 2022 organised by the Central Molecular Laboratory, Central Molecular Laboratory, Govind Ballabh Pant Institute of Postgraduate Medical Education and Research (GIPMER), New Delhi.

Ms Saumya Singh M.Sc. Industrial Biotech Sem-2 student , got selected to attend the Workshop and Hands-on Training on "Applications of MALDI-TOF Mass Spectrometry in Proteomics and MAcromolecular Analysis" under the Accelerate Vigyan Program sponsored by SERB and hosted by IIT-Gandhinagar from 14-21 June, 2022.



Ms. Pratiksha Nimbkar, Ph.D. Scholar has qualified FACT PLUS – 2022 in Biological Sciences conducted by the National Forensic Sciences University in March 2022.

VISITORS @SAST



Shri. Jagdish Vishwakarma, Minister of Co-operation, Protocol, Cottage Industries, Salt Industries, Printing and Stationary, Forest, Environment and Climate Change



Prof. (Dr.) I. R. Gadhvi, Dean - Faculty of Science & Head, Department of Marine Science, MK Bhavnagar University



Mr. Durgesh Sawant, Sr. Scientist, Intas Biopharma



Dr. Sanjeev Oza, Former Vice Chancellor, Gujarat Ayurved University, Jamnagar and
Dr. Jatin Soni, Former Registrar Saurashtra University



Felicitation of Shri.Sandeep Pradhan, DG Sports Authority of India by Dr. Vaibhav Bhatt and Dr. Akash Gohil on behalf of GTU



Hon'ble Shri. Rajeev Chandrashekhar, Minister of State for Skill Development and Entrepreneurship of India



Dr. Shekhar Mande, Former Director General of the Council of Scientific and Industrial Research (CSIR) along with Prof. Chaitanya Joshi, Director, GBRC & Dr. Madhvi Joshi, Joint Director, GBRC

Additional activities

HERITAGE WALK AT GUJARAT VIDYAPITH

The faculty members and students visited Gujarat Vidyapith for a heritage walk on 19th February 2022. The Heritage walk was organised to understand Mahatma Gandhi's Vision of education. The Heritage Walk included a tour of the Vidyapith where the faculties of the university explained the various short courses that run within the university for the skill development of the students. The university campus is eco-friendly and the students are taught to be self-reliant in every aspect of their life. The campus environment focuses on self-development as well as helping others through knowledge and skill development.



CULTURAL EXPERIENCES AT SAST

The Students at SAST are active participants and organizers for various cultural activities and on a regular basis.

During their initial days at the School of Applied Sciences and Technology, they enjoyed the Navratri celebrations organised by the Gujarat Technological University.



The Holi celebrations were organised by the students on 17th March 2022. The students had a lot of fun and played with colours keeping in mind not to harm any animals or plants while enjoying.



Pravaah

The Students at SAST organized a 3-Day cultural event "PRAVAAH" from 7-9 April 2022. The events included Formal Day Celebration, Pre-traditional Day Celebration and Traditional Day Celebration.

The students were very excited to create new memories. The enthusiasm level of the students was high and kept getting even higher till the last day.



Pravaah

The fest was titled Pravaah to keep up the tradition of celebrating cultural events every year and continues among the existing and future members of the SAST family. The three-day cultural event hosted by the students of SAST was held between 7-9 April 2022. The event was filled with fun and laughter. The traditional day celebrations commenced with a traditional dance form – Bharatnatyam performed by Ms. Anmol Shah. The Dance was mesmerising and set a pace for the rest of the event. One by one the Students and Faculties participated by performing their talents. To increase the experience there were arrangements made by the students for providing delicious and traditional food for all present. Various fun activities took place and the day concluded with everyone participating in a traditional Garba dance and everyone having a great time.



Creative corner



The mind behind Sci-hub!!

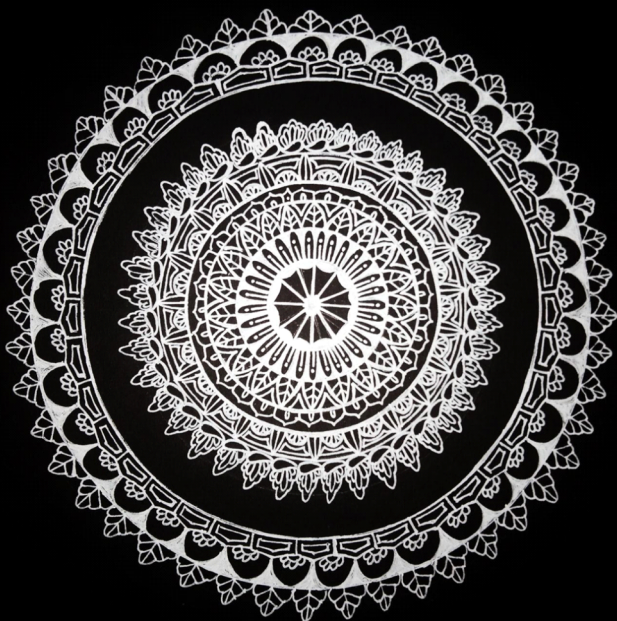
You may have heard a lot about Rebels like Robin Hood, horse riders, men with big mustaches, weapons, and harsh voiced people coming into our imagination. Almost all of them come out to raise their voices against the injustice done to themselves or the society. But nowadays a rebellious Russian girl Alexandra becomes Robinhood for many students and researchers, she has opened up world-renowned expensive publications, and research articles, for free to researchers through sci-hub. Alexandra argues that when a research project is funded by the government or extramural agencies (taxpayer's money), the Outcome of the project like publication should be free but such research published in the journals of a large publishing houses charges a hefty fees which is fully against of era of global knowledge sharing , A computer engineer by education Alexandra is using the password sharing technology of all publications for free, millions of students from developing and poor countries are taking advantage of this ... wealthy publishing houses have been annoyed with such activity . Almost all of them have sued Alexandra the US, Europe, and many more countries. Recently her Twitter account is permanently blocked, huge amount of funds are being used to hack sci-hub but Alec is constantly launching it on another proxy server. But this writer has used sci-hub a lot for his own work... So Alexandra you are the Robinhood of thousands of researchers and you have done the work that a man can't do with a mustache.. Salute

— Dr. Dolatsinh Zala, Associate Professor, SAST-GTU —

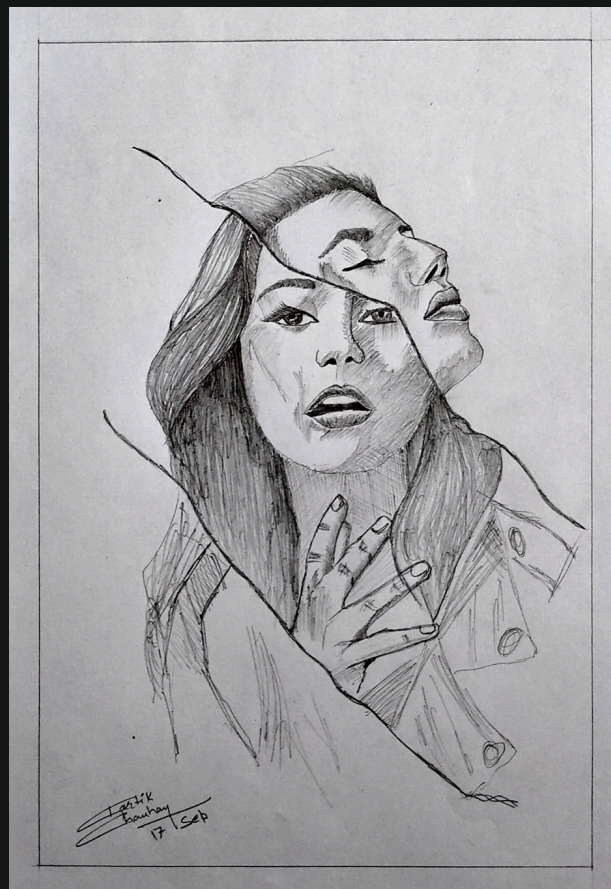
FROM THE EYES OF AN ARTIST

मैं गीत हूँ, मैं राग हूँ
मैं एक सुलगती आग हूँ।
मैं भीड़ हूँ, मैं बोझ हूँ
क्युकि मैं सबसे अनभिज्ञ हूँ।
मैं सच हूँ, मैं झूठ हूँ
क्युकि मैं एक मिथ्या हूँ।
मैं सुखी हूँ, मैं दुखी हूँ
क्युकि मेरी जिंदगी में खुद की अलग रूख हूँ।
ना हार माना, ना हार मानूंगी
क्युकि मैं, मैं हूँ
मैं अलग हूँ, मैं खुद की हूँ, मैं अपनी हूँ।

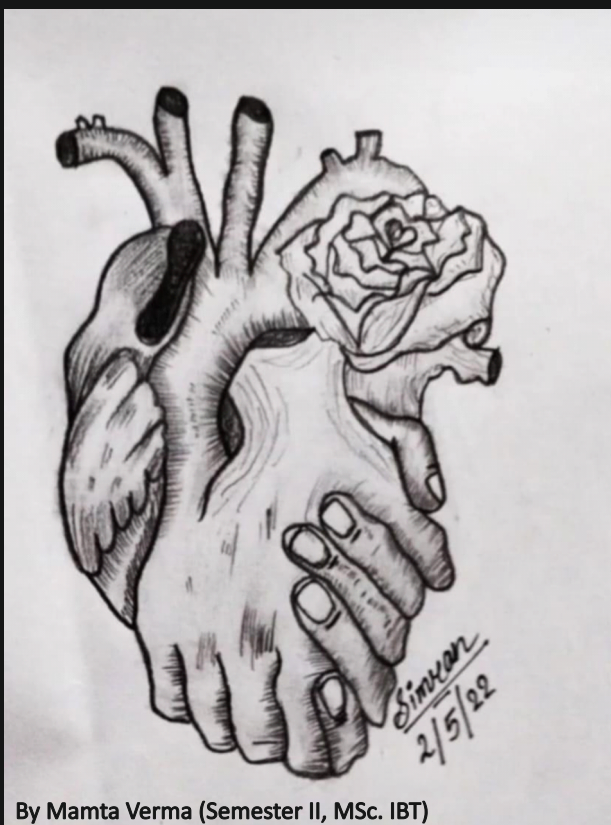
By Saumya Singh (Semester II, MSc. IBT)



By Anwesha Borah (Semester II, MSc. IBT)



By Kartik Chauhan (Semester II, PG Diploma Bioinformatics)



By Mamta Verma (Semester II, MSc. IBT)



By Parin Vyas (Semester II, PGDBI)



By Anmol Shah (Semester II, MSc. IBT)

FROM THE EYES OF AN ARTIST



By Pratiksha Nimbkar (PhD Biotechnology)



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