



**SWAMI VIVEKANANDA UNIVERSITY,
BARRACKPORE**

**SCHOOL OF
LIFE SCIENCES**

**DEPARTMENT
OF
MICROBIOLOGY**

**ANNUAL NEWSLETTER
2023**



SWAMI VIVEKANANDA
UNIVERSITY,
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ABOUT THE DEPARTMENT

Department of Microbiology under the School of Life Sciences, Swami Vivekananda University aims in serving bunch of aspirants heading towards excellence, just in need of a perfect platform to redefine themselves. The department hosts a high bucket of Postgraduate students, Bachelor's students and also PhD scholars, along with academic staff, including newly independent researchers.

Aiming at sailing high, the department offers a high specialized lab infrastructure comprising of 4 laboratories on Microbiology, Molecular Biology & Biochemistry, Plant Biotechnology, Bio-engineering.

The library comes with a head set of rich informed books on relevant fields, serving an all-time space for the students to explore what's new and emerging. The perfect blend of theory with practical knowledge occurs with the provision of classes in spacious classrooms along with well-equipped labs. It gives the students a much-needed environment to experience learning, grooming as well as placement in reputed industries, with a high noted exposure of internships, hands on trainings and industry visits.

MISSION

Our mission is to keep the department regarded as an example to any, in terms of its relevance of all areas, including teaching and research, quality of facilities and support, and learning opportunities and working experience.



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VISION

The Microbiology Department at Swami Vivekananda University envisions itself as a globally recognized center of excellence in microbiological sciences, where academic brilliance and innovative research converge. Our vision is anchored in a commitment to providing students with a transformative educational experience, instilling in them a profound curiosity, critical thinking skills, and a fervor for exploration. We aspire to lead pioneering research initiatives that address global challenges and contribute to societal betterment. Through interdisciplinary collaborations, both within the university and beyond, we seek to create synergies that drive transformative research. Our student-centric approach prioritizes holistic development, ensuring that graduates are equipped not only with comprehensive theoretical and practical knowledge but also essential skills, ethical values, and a global perspective. By continuously upgrading state-of-the-art facilities, fostering community engagement, and promoting leadership in industry, we aim to achieve global recognition as a hub for microbiological excellence. Through a commitment to continuous improvement and a dynamic curriculum, we envision shaping a future where the Microbiology Department plays a pivotal role in influencing the trajectory of microbiological sciences worldwide, inspiring generations of scientists and researchers.



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OBJECTIVE

1. **Academic Excellence:** Deliver high-quality education and training at various academic levels.
2. **Cutting-Edge Research:** Cultivate a culture of innovative and impactful research in microbiological sciences. State-of-the-Art Facilities: Maintain and upgrade specialized laboratories for practical learning experiences.
3. **Interdisciplinary Collaboration:** Foster collaborations with other departments, research institutions, and industries.
4. **Holistic Learning:** Integrate theoretical knowledge with hands-on practical experiences.
5. **Library Resources:** Maintain a comprehensive library with a rich collection of microbiology-related resources.
6. **Industry Exposure:** Facilitate internships, hands-on training, and industry visits for real-world applications.
7. **Ethical Practices:** Instill a strong sense of ethical conduct and responsibility in research and professional practices.
8. **Global Perspective:** Prepare students for success in a diverse and interconnected professional landscape.
9. **Community Engagement:** Engage with the community through outreach programs and collaborative initiatives.
10. **Continuous Improvement:** Adapt to evolving trends and challenges in microbiology, maintaining a dynamic curriculum.

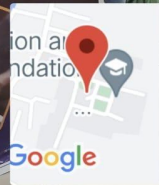
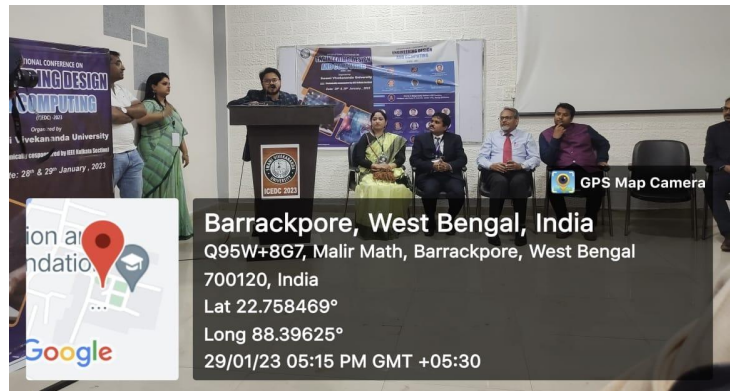


SWAMI VIVEKANANDA UNIVERSITY,
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PROGRESS REPORT

JAN - 2023

Swami Vivekananda University Hosts Star-Studded ICEDC 2023: A Groundbreaking Confluence of Tech Titans, Innovators, and Visionaries



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PROGRESS REPORT

JAN - 2023

The beginning of the year marked a significant academic event at Swami Vivekananda University in Barrackpore, West Bengal. On January 28, 2023, the university proudly hosted the International Conference on Engineering Design and Computing (ICEDC). This distinguished gathering attracted renowned personalities from three vital domains—Computer Science, Engineering, and Medical Research. The conference aimed to not only showcase but also catalyze remarkable advancements and contributions in the ever-evolving field of innovative thinking.

The distinguished figures who graced the occasion included luminaries like Prof. Balaguruswamy, Prof. R.S. Salaria, Prof. Celia Shahnaz, Prof. Shorif Uddin, and several others. Their presence elevated the stature of the conference, bringing together collective wisdom and expertise from different corners of the world. This convergence of minds sparked insightful discussions, introduced novel ideas, and injected new life into the realm of engineering design and computing.

Beyond its academic significance, the event at Swami Vivekananda University generated a trendy buzz in the academic community. The notable figures in attendance added a layer of allure to the conference, attracting attention not only from scholars and researchers but also from enthusiasts keen on staying abreast of the latest developments in these fields. Overall, the ICEDC event was a resounding success, fostering collaboration and innovation in the intersection of computer science, engineering, and medical research.



SWAMI VIVEKANANDA UNIVERSITY,
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PROGRESS REPORT

JAN - 2023



Distinguished JNU Professor Suman Kumar Dhar's Unforgettable Expert Visit at SVU Leaves a Lasting Impression

With his profound knowledge and captivating insights, Professor Dhar's presence created a reverberating impact, imprinting an unforgettable experience in the minds of those fortunate enough to witness his expertise. This remarkable advice and inputs not only elevated the event to new heights but also left a lasting impression, inspiring a generation of scholars and setting a new benchmark for academic excellence.

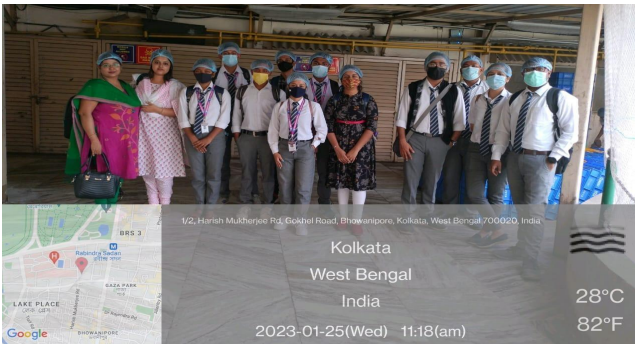
Professor Dhar, with his profound knowledge and captivating insights, cast a spell of intellectual enchantment that resonated deeply within the academic community. His presence at the event was nothing short of transformative, leaving an indelible mark on the minds of those fortunate enough to witness his expertise. As he shared his wealth of knowledge, the room seemed to come alive with the electricity of intellectual curiosity. The remarkable advice and inputs provided by Professor Dhar became the cornerstone of the event, elevating it to unprecedented heights of academic excellence. Attendees were not passive observers but active participants in a symphony of ideas, conducted by the maestro himself. The exchange of thoughts and the intellectual discourse that ensued became a testament to the power of knowledge and its ability to transcend ordinary boundaries. Professor Dhar's impact went beyond the confines of the event venue. It left an enduring impression on the academic landscape, inspiring a generation of scholars to reach for new heights of excellence. His teachings became a guiding light, steering aspiring minds towards innovation, critical thinking, and a pursuit of knowledge that extended beyond the boundaries of textbooks.



SWAMI VIVEKANANDA UNIVERSITY,
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PROGRESS REPORT

JAN - 2023



Industry Visit to Sugar and Spice

The final-year undergraduate students of the Department of Microbiology embarked on an enriching industry visit to Sugar and Spice, a renowned establishment in the food industry. Led by the esteemed Dr. Pritha Pal and Dr. Aritri Laha, the purpose of the visit was to provide students with practical insights into the crucial role of microbiology within the context of the food industry. As the students stepped into the facility, they were greeted by the aromatic symphony of culinary delights and the hum of industrious activity. The visit was not merely a field trip but an immersive experience designed to bridge the gap between theoretical knowledge and its real-world applications.

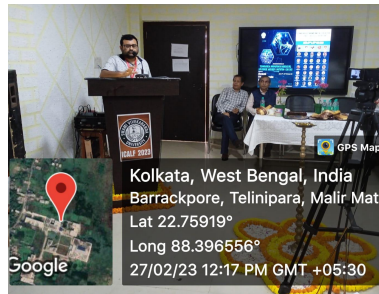
Dr. Pritha Pal and Dr. Aritri Laha, with their extensive expertise in microbiology, guided the students through various sections of Sugar and Spice, unraveling the intricate ways in which microbiology intertwines with food production and safety. The students had the opportunity to witness firsthand the implementation of microbiological techniques, quality control measures, and hygiene protocols essential for maintaining the integrity of food products. By the end of the industry visit, the students not only gained a comprehensive understanding of the pivotal role microbiology plays in ensuring the safety and quality of food products but also developed an appreciation for the complexities and intricacies involved in the field.



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PROGRESS REPORT

FEB - 2023



Spark of Brilliance: SVU Ignites ICALF 2023 International Conference, Fueling Innovation and Collaboration

The visionary outlook of the Honorable Chief Operating Officer (COO) of SVU, once again solidified its position as a premier academic institution by successfully hosting the 2nd International Conference on Agriculture, Life Sciences and Food & Nutrition (ICALF 2023) on the 27th and 28th of February.

The conference took place at the SVU campus located in Barrackpur, a vibrant city known for its rich cultural heritage. ICALF 2023 garnered immense recognition and participation from renowned scholars, experts, and dignitaries from across the globe. Notably, Dr. Rejina Afrin from East West University in Bangladesh graced the event with her presence, adding an international perspective to the conference.

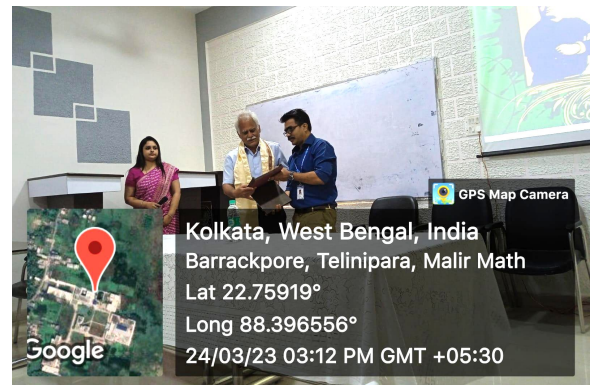
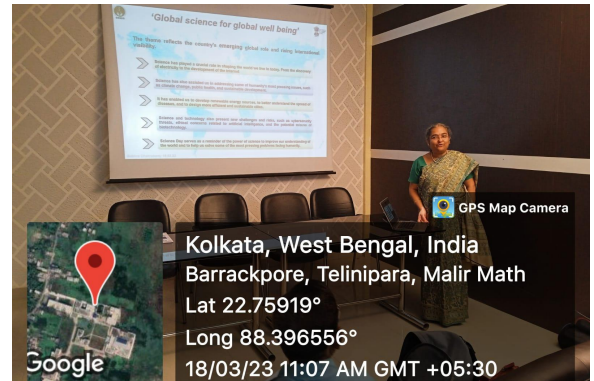
The presence of Prof. Dr. Rajasekharan Pillai, Former Chairman of the University Grants Commission (UGC), further elevated the significance of ICALF 2023. His endorsement and participation in the event served as a testament to the conference's academic rigor and quality. Prof. Dr. Pillai's extensive experience and expertise undoubtedly added immense value to the discussions and deliberations that took place during the conference.



SWAMI VIVEKANANDA UNIVERSITY,
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PROGRESS REPORT

MAR - 2023



Dazzling Insights Unleashed: Esteemed Experts Dr. Subhra Chakraborty and Prof. Prasanta Kumar Panigrahi Illuminate SVU with Visionary Lectures

SVU recently hosted a series of expert lectures featuring Dr. Subhra Chakraborty, Director of the National Institute of Plant Genome Research, and Prof. Prasanta Kumar Panigrahi, Director of IISER. Dr. Chakraborty delivered an engaging lecture on plant genome research, highlighting its applications in agriculture and conservation. She discussed the latest advancements and techniques, emphasizing the development of sustainable crops. Prof. Panigrahi spoke about interdisciplinary education and research, stressing the importance of collaboration across scientific disciplines. He showcased IISER's groundbreaking discoveries in various fields. These lectures provided an enriching experience for students, faculty, and researchers, expanding their knowledge and inspiring curiosity. The lectures facilitated knowledge exchange and networking, encouraging future collaborations.



SWAMI VIVEKANANDA UNIVERSITY,
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PROGRESS REPORT

APR - 2023



Industry Visit to Oudh 1590

The final-year students of the undergraduate Microbiology program eagerly embarked on another insightful industry visit, this time to the esteemed Oudh 1590, a distinguished food restaurant. Guided by their academic mentors and microbiology experts, the students delved into the intricacies of how microbiological principles are applied in the culinary world. Under the guidance of their mentors, the students explored various facets of Oudh 1590, gaining a firsthand understanding of the critical role microbiology plays in ensuring the safety, quality, and hygiene standards of the restaurant's culinary offerings. At Oudh 1590, the students witnessed the implementation of stringent microbiological protocols, including food handling practices, storage conditions, and sanitation measures. The chefs and kitchen staff, with their expertise, demonstrated the importance of microbiological awareness in preventing foodborne illnesses and maintaining the integrity of the restaurant's delectable offerings. Throughout the visit, the students engaged in interactive sessions, where they had the opportunity to interact with the chefs, kitchen staff, and managerial personnel. They could ask questions, discuss challenges faced by the industry, and gain insights into the innovative practices employed to meet microbiological standards while delivering exceptional culinary experiences. The visit to Oudh 1590 became a memorable and impactful chapter in their educational journey, inspiring them as they approached the culmination of their undergraduate microbiology program.



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APR - 2023



Industry Visit to Keventer

Undergraduate Microbiology students recently visited Keventer Food as part of an industry visit. Guided by professors and industry experts, the visit aimed to provide practical insights into microbiological applications in food processing. The students observed firsthand the implementation of microbiological techniques, quality control measures, and hygiene protocols at different stages of production. Interactive sessions allowed them to engage with professionals, gaining valuable insights into real-world challenges and innovative practices in maintaining high microbiological standards. The visit served as a bridge between classroom learning and practical application, enriching the students' understanding of microbiology in the food industry.

Industry Visit to Parle

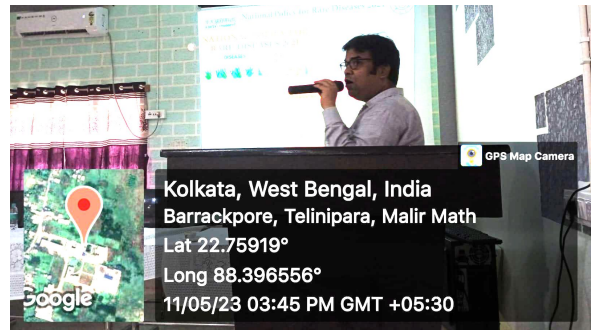
In April, final-year Microbiology students had a series of industry visits, concluding with a trip to Parle, a major food industry player. Guided by mentors and industry experts, the visit provided practical insights into applying microbiological principles in large-scale food manufacturing. Students observed rigorous microbiological protocols, including quality control and hygiene practices. Interactive sessions allowed discussions with industry professionals, enhancing their understanding of real-world challenges. The visit marked the end of a month-long industry marathon, enriching students' knowledge for their industry-academic pursuits.



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MAY - 2023



National Technology Day Celebration

On National Tech Day, SVU hosted a spectacular event that left attendees in awe. Dr. Banerjee, a trailblazing expert from China, stole the spotlight with mind-blowing genomic analysis and diagnostic technologies. SVU's tech-savvy students continued the excitement, showcasing cutting-edge projects and impressive skills. With a passion for innovation, SVU reaffirmed its position at the forefront of technological advancements. The success of National Tech Day set a trendy new standard for future tech celebrations, leaving a lasting impact on all who attended.

Faculty Development Programme Unveils Modern Biotech Tech Innovations with Prof. Santasree Banerjee from Jilin University, China

Professor Santasree Banerjee spearheaded a faculty development program at Jilin University, China, focusing on advancements in biotechnology and interdisciplinary collaborations. The program's goal was to empower faculty members to mentor the next generation of biotech professionals. Under Prof. Banerjee's guidance, the program aimed to be transformative, enhancing faculty members' expertise and enabling excellence in the field of biotechnology.



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PROGRESS REPORT

MAY - 2023



Placement

SVU has opened remarkable avenues for its students, offering exceptional placement opportunities in well-established companies such as Panacea. Graduates from SVU have found success in diverse industries, thanks to these collaborations, thriving in the ever-evolving job market. The synergy between SVU and these esteemed companies has created an environment where students acquire the skills and knowledge needed to excel in the modern job landscape.

Through practical experiences, internships, and real-world projects, SVU ensures that its graduates are academically sound and industry-ready. This dynamic approach to education prepares students to navigate challenges and seize opportunities in today's fast-paced professional world. As SVU continues to forge new alliances and stays attuned to job market trends, students can expect the finest education and placement prospects. The university's commitment to providing an exceptional learning experience, coupled with its focus on strong industry connections, solidifies SVU's position as a leading institution in higher education. Other companies who actively recruited our students include Healius, Focus Edumatics, Genpact, Cvent, GLS Ltd., and Breath Well Being and IDS Infotech.



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MAY - 2023



innovation, he led the team in revolutionizing the education interface, creating an unforgettable experience.

The blend of modernity and academia at the stadium left students and faculty in awe. Vast spaces were turned into cutting-edge classrooms, vibrant discussion forums, and collaborative learning hubs. This remarkable endeavor not only left an indelible mark on the educational landscape but also set a shining example for institutions worldwide to reimagine the future of learning.

Graduation of Inaugural Batch Microbiology Department Celebrates Graduation of Inaugural Batch with Pride and Anticipation

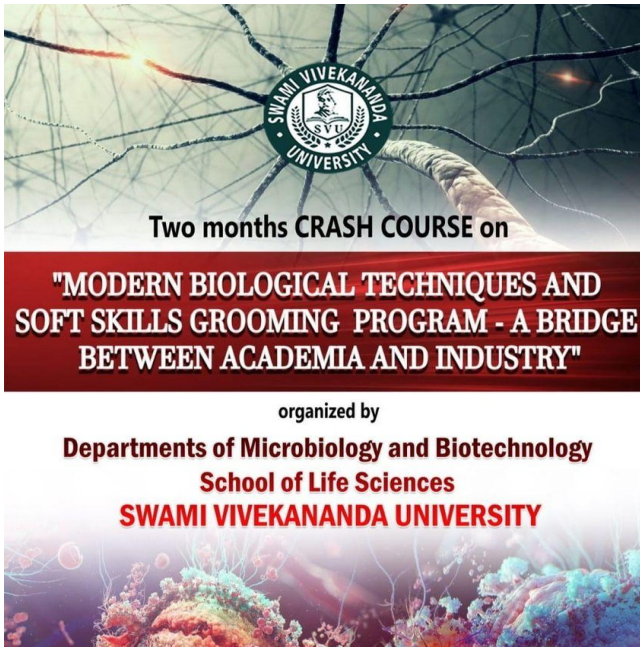
The Department of Microbiology bids farewell to its inaugural undergraduate batch of 2020 with a mix of emotions. The journey has been remarkable, marked by growth, learning, and numerous achievements. While goodbyes are bittersweet, the department takes immense pride in the accomplishments of this first batch. Faculty and staff eagerly anticipate the next chapter in the lives of these individuals, confident in their ability to make significant contributions to microbiology and beyond. Congratulations to the graduating batch of 2020! The department wishes them success, fulfillment, and a future filled with remarkable achievements. Though they physically leave the department, they will forever remain a cherished part of its history and legacy.



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JUNE - 2023



Organized 2-Month Crash Course on Modern Biological Techniques and Soft Skills Grooming Program

The Department of Microbiology at the School of Life Sciences successfully conducted a transformative *"2-Month Crash Course on Modern Biological Techniques and Soft Skills Grooming Program."*

The program served as a strategic initiative to establish a robust connection between academic knowledge and industry requirements while fostering a scientific mindset and curiosity among 1st-semester students. The 2-month crash course successfully achieved its objectives, equipping students with a comprehensive skill set for a seamless transition into the professional sphere. The program not only imparted technical proficiency but also cultivated a scientific mindset, curiosity, and essential soft skills. The Department of Microbiology remains committed to providing transformative educational experiences that prepare students for success in their academic and professional endeavors.



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JUNE - 2023



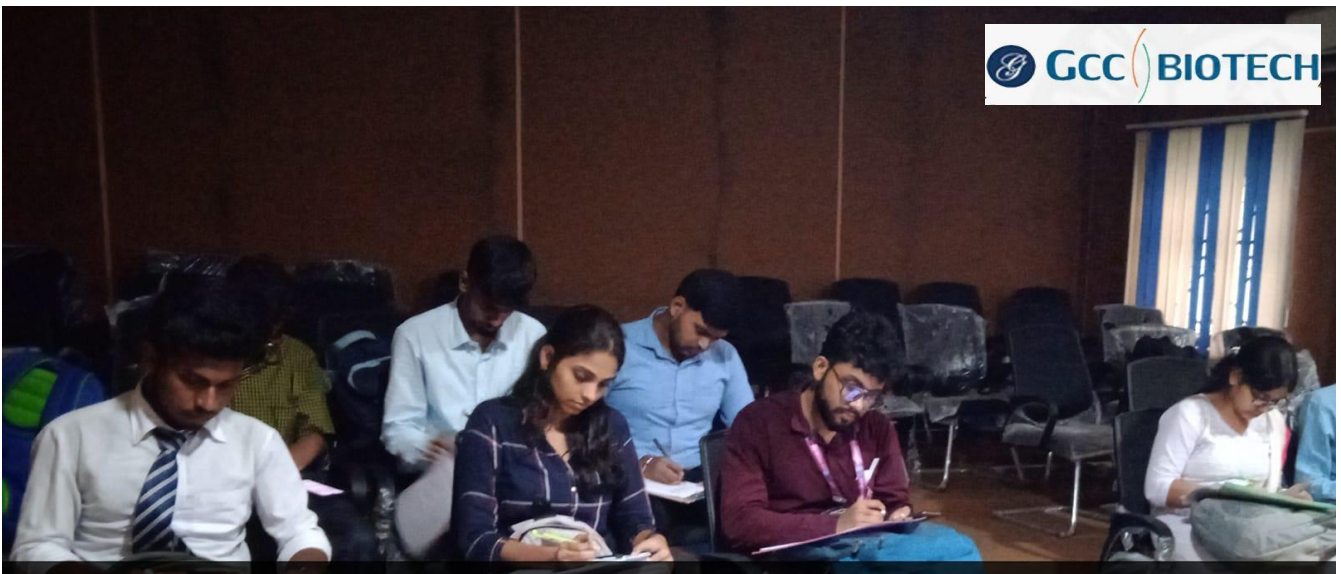


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JUNE - 2023

GCC Biotech Drive



The Department of Microbiology at the School of Life Sciences recently executed a strategic and successful recruitment drive in collaboration with GCC Biotech, a distinguished entity in the biotechnology sector. This carefully orchestrated initiative was meticulously designed to provide students with a dual benefit: the opportunity to participate in structured interviews and the chance to immerse themselves in a practical, industry-relevant experience.

The recruitment drive served as a crucial bridge, connecting theoretical knowledge acquired in academic settings with the practical applications prevalent in the professional landscape. It aimed not only to allow students to showcase their academic proficiency but also to empower them to demonstrate their practical skills and suitability to potential employers.



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JUNE - 2023

This exposure to industry practices is instrumental in preparing students for a seamless transition from the academic realm to the dynamic and competitive professional environment.



The event featured meticulously organized interview sessions, providing students with a unique platform to engage directly with professionals from GCC Biotech. This direct interaction facilitated a nuanced understanding of industry expectations, dynamics, and opportunities, thereby enriching students' perspectives on their chosen field.

As an institution committed to comprehensive and experiential education, we take immense pride in creating such opportunities for our students. Our collaboration with GCC Biotech underscores our commitment to nurturing well-rounded individuals equipped not only with theoretical knowledge but also with the practical skills and experiences essential for a successful career in microbiology and the broader life sciences domain. We are dedicated to providing ongoing platforms that contribute significantly to the professional growth and future success of our students.



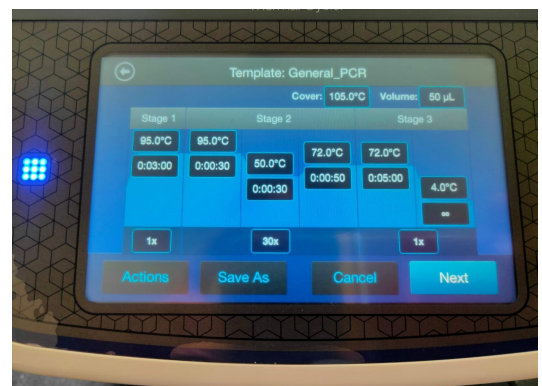
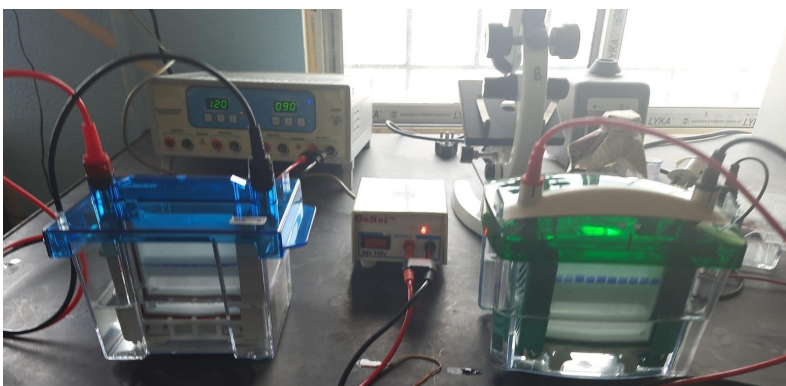
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JULY - 2023

Hands on Training on Molecular Biology

The collaborative efforts of the Department of Microbiology, School of Life Sciences culminated in the successful organization of a comprehensive Hands-on Training Program on Basic Molecular Biology Techniques, focusing specifically on RNA and Protein Purification. Spanning multiple sessions from 4th to 7th July, 11th-12th July, and 20th-21st July, the program aimed to provide students with expert training and equip them with essential skills for professional aptitude. Positive feedback from both students and instructors underscores the program's effectiveness in nurturing the next generation of skilled professionals in the field of life sciences. The Departments remain committed to organizing such impactful training initiatives in the future, fostering a culture of excellence and practical proficiency among students.



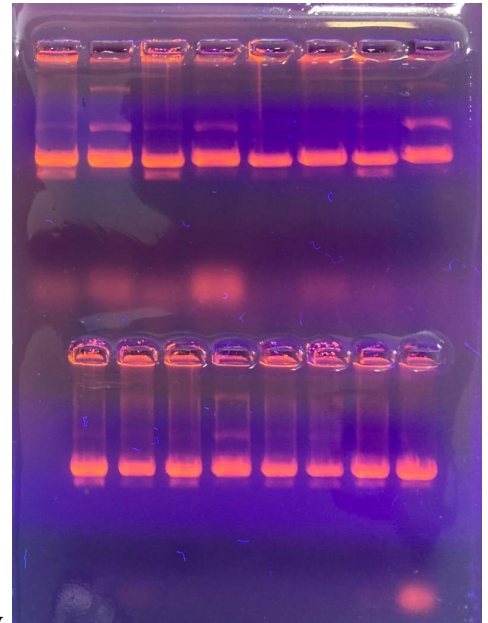


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JULY - 2023

The program was conducted in three distinct sessions – from 4th to 7th July, focusing on foundational molecular biology techniques; 11th-12th July, delving into RNA techniques; and 20th-21st July, concentrating on protein purification.



In the inaugural session spanning from 4th to 7th July, participants were introduced to the fundamentals of molecular biology techniques. The program encompassed practical demonstrations and hands-on exercises, focusing on essential molecular biology techniques such as DNA isolation, DNA separation, Plasmid Isolation, and more. This hands-on approach provided students with a valuable opportunity to gain proficiency in executing fundamental laboratory protocols. In addition to the practical component, the session incorporated theoretical discussions aimed at enhancing participants' understanding of the underlying principles that govern these techniques. This holistic approach ensured that participants not only acquired practical skills but also developed a robust theoretical foundation in molecular biology.



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JULY - 2023

During the second module conducted on 11th-12th July, the program advanced participants' knowledge into RNA techniques. This segment presented a unique opportunity for students to independently engage with sophisticated laboratory equipment, specifically focusing on RNA isolation, separation, and analysis. This hands-on experience aimed at fostering self-reliance and instilling confidence in executing complex procedures related to RNA manipulation. The interactive nature of the sessions facilitated deeper comprehension of the intricacies involved in working with RNA, ensuring that participants not only gained practical skills but also developed a comprehensive understanding of RNA-based techniques in the laboratory setting.





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JULY - 2023

Wall Magazine

Throughout the month of July, the Department of Microbiology orchestrated a proactive initiative encouraging students to curate wall magazines for exhibition in the departmental corridor. These magazines comprehensively covered an array of topics within the domain of life sciences, exemplifying the students' depth of knowledge and creativity. This well-structured endeavor yielded notable results, fostering heightened interest, active engagement, and a robust sense of teamwork among the microbiology students. Moreover, it significantly contributed to the cultivation of a scientific temperament, allowing students to explore diverse facets of life sciences and disseminate their insights within the academic community. This collaborative undertaking not only enriched the departmental exhibition corridor but also elevated the overall academic milieu for the participating students, aligning with the department's commitment to fostering a culture of excellence and scholarly exploration.





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JULY - 2023

Visit to Vivekananda Water Treatment Plant

On the 10th of July, students enrolled in Microbiology Undergraduate Semester V embarked on a significant on-site visit to the Vivekananda Water Treatment Plant in Belur. This visit was meticulously designed to translate theoretical concepts learned throughout the semester into practical, real-world applications. The primary aim was to bridge the gap between classroom knowledge and hands-on experience by immersing students in the live application of microbiological principles within the context of water treatment processes. During the visit, students engaged in a firsthand exploration of the intricacies involved in water treatment procedures. This hands-on learning experience was strategically crafted to reinforce their academic knowledge and deepen their comprehension of microbiological applications in a professional setting. Moreover, students had the opportunity to interact with industry professionals at the water treatment plant, participating in insightful discussions and gaining valuable insights into the practical challenges faced in implementing microbiological concepts.





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JULY - 2023

Acute Quality Consultants Campus Drive

On the 21st of July, a collaborative effort between the Departments of Microbiology and Biotechnology led to the organization of a campus drive by Acute Quality Consultants. This targeted event was specifically tailored for postgraduate students, providing them with a unique opportunity to interface with potential employers and explore career prospects in their respective fields. The campus drive aimed to bridge the gap between academia and industry, facilitating a seamless transition for postgraduate students into the professional realm.



On the 21st of July, a significant milestone was achieved as Swami Vivekananda University and Chatto Life Sciences entered into a Memorandum of Understanding (MoU). This collaborative agreement is poised to offer students a unique opportunity to engage in workshops and training sessions focused on modern biological techniques.



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JULY - 2023

Field Visit to SynBiogenesis

Postgraduate students of Microbiology department experienced an enriching visit to SynBiogenesis Biotech Park, a multidimensional hub dedicated to Biotech Skill Development and Research & Development (R&D). This educational endeavor included live demonstrations spanning molecular biology, immunology, bacteriology, and various other domains. The hands-on exposure to these diverse facets of biotechnology allowed students to witness real-world applications, enhancing their understanding of the intricate processes involved in molecular biology, immunology, bacteriology, and more. This visit served as a valuable bridge between theoretical knowledge and practical application, offering students a comprehensive insight into the multifaceted world of biotechnology at SynBiogenesis Biotech Park.





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August - 2023

Recruitment Drive by Virtual Physicians Scribes India Pvt. Ltd.

The Campus Recruitment Drive orchestrated by Swami Vivekananda University in collaboration with Virtual Physicians Scribes India Pvt. Ltd. on August 2nd stands as a pivotal initiative, providing students specializing in Microbiology, Biotechnology, and Food & Nutrition with an additional opportunity to enhance their professional acumen and transition into the job market. This carefully organized event serves as a strategic platform for eligible students to sharpen their skills, engage with industry professionals, and gain valuable insights into their respective fields. By fostering this dynamic connection between academia and industry, the drive aims to empower students and facilitate their seamless entry into the professional realm, ultimately contributing to their career growth and success.





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PROGRESS REPORT

September - 2023

MoU with Ministry of Ayush

The Ministry of Ayush, whose inception on November 9, 2014, marked a significant milestone, had a visionary commitment to revive the profound knowledge embedded in ancient systems of medicine. The overarching goal of the ministry was to ensure the optimal development and widespread propagation of the Ayush systems of healthcare. This initiative succeeded the Department of Indian System of Medicine and Homoeopathy (ISM&H), established in 1995, which played a pivotal role in the initial development of these systems. In November 2003, recognizing the need for a more comprehensive approach, it was rechristened as the Department of Ayurveda, Yoga, and Naturopathy, Unani, Siddha, and Homoeopathy (Ayush), focusing specifically on education and research in these domains. With palpable excitement, Swami Vivekananda University collaborated with the MINISTRY OF AYUSH, a step that underscored our commitment to advancing the mission of promoting traditional healthcare systems. This collaboration signified a strategic move toward harnessing the wealth of knowledge present in Ayurveda, Yoga, Naturopathy, Unani, Siddha, and Homoeopathy for the benefit of society at large. The collaboration aims to advance Homeopathic research.





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PROGRESS REPORT

September - 2023

Faculty Development Programme

Swami Vivekananda University, Barrackpore, conducted a Faculty Orientation Program on Innovation and Entrepreneurship on September 1st. The esteemed event featured Dr. Saptarshi Chatterjee, Associate Director of Incubation & Chief Coordinator at the E-YUVA Centre, Adamas University, supported by BIRAC (Biotechnology Industry Research Assistance Council). The program aimed to equip faculty members with profound insights and strategic guidance on fostering a culture of innovation and entrepreneurship within the academic environment. Dr. Chatterjee's distinguished expertise significantly enhanced the initiative, providing a nuanced perspective on incubation practices and the cultivation of entrepreneurial endeavors within the academic community.





SWAMI VIVEKANANDA UNIVERSITY,
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PROGRESS REPORT

September - 2023

International Microorganism Day

The School of Life Sciences, Department of Microbiology at Swami Vivekananda University orchestrated a commemoration of International Microorganism Day, featuring the esteemed presence of Dr. Susmita Mondal from Presidency University. The highlight of the event was a quiz competition, engaging both undergraduate (UG) and postgraduate (PG) students from the School of Life Sciences. The enthusiastic participation of the students was evident, with a notable achievement by one of the teams from UG Biotechnology Semester 3 emerging as the winners of the competition. This event not only celebrated the significance of microorganisms but also showcased the academic prowess and competitive spirit of the students in the School of Life Sciences at Swami Vivekananda University.



Q95W+8G7, Malir Math, Barrackpore, Bara Kanthalia, West Bengal 700120, India

Latitude
22.758374°

Local 01:36:31 PM
GMT 08:06:31 AM

Longitude
88.396599°

Altitude 5 meters
Tuesday, 19.09.2023



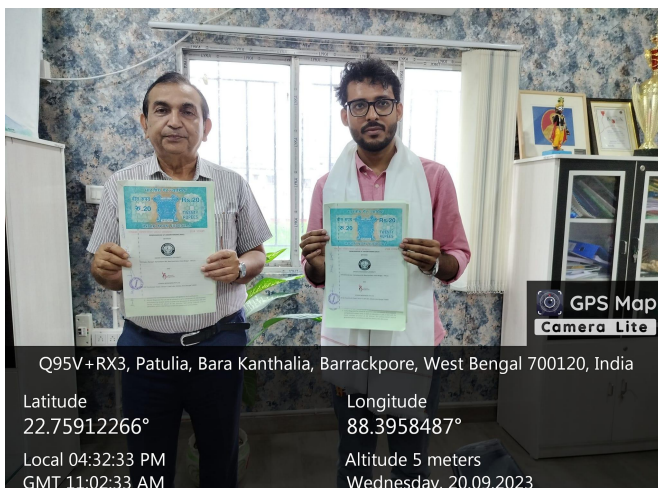
SWAMI VIVEKANANDA UNIVERSITY,
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PROGRESS REPORT

September - 2023

MoU with Synbiogenesis

Swami Vivekananda University, Barrackpore, achieved a significant milestone with the signing of a Memorandum of Understanding (MoU) on September 20th. The collaborative agreement involved Synbiogenesis Pvt. Ltd. and Human Biogenesis Pvt. Ltd. The occasion was marked by an interactive session with undergraduate (UG) and postgraduate (PG) students from the School of Life Sciences, departments of Microbiology and Biotechnology at SVU Barrackpore. As part of the comprehensive engagement, students had the opportunity to visit laboratories, fostering a hands-on understanding of real-world applications.





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September - 2023

SVU Innovation-2023

Swami Vivekananda University proudly organized SVU Innovation- 2023, an intra-university Hackathon program, on September 22nd. The event was honored to welcome esteemed guests, including Mr. Prantik Sinha, Co-Founder of Agastya Invention; Prof. (Dr.) S N Roy, FIICer, Ex-Chief Scientist & Former Head of Ceramic Membrane Division at CSIR-Central Glass & Ceramic Research Institute; and Dr. Moumita Bhaumik (Ghosh), Scientist D at ICMR-National Institute of Cholera and Enteric Diseases. Their valuable insights, extensive experience-sharing, and generous guidance significantly contributed to the success of SVU Innovation 2023. We also acknowledge and celebrate the enthusiasm demonstrated by our students, who actively participated in the event with passion and commitment. The vibrant student of department of Microbiology engagement underscored the university's dedication to nurturing a culture of innovation. We extend our sincere congratulations and appreciation to all 62 participating groups for showcasing innovative ideas and research, thereby elevating the event to its zenith.





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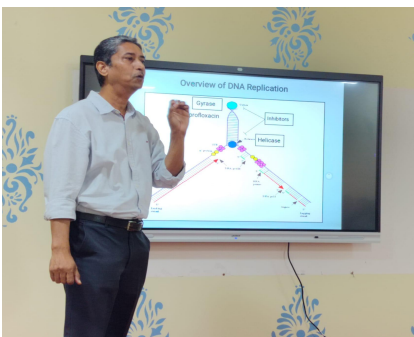
PROGRESS REPORT

September - 2023

ICSA-2023

The International Conference on Scientific Advancements in Life Sciences, Agriculture, and Food & Nutrition held at Swami Vivekananda University Campus in Barrackpore from September 28th to 30th was a transformative event that united leading scientific minds. The success of the conference is attributed to the visionary leadership and ideation of the Honorable Chief Operating Officer, Mr. Saurabh Adhikary. His strategic guidance and innovative thinking played a pivotal role in ensuring the seamless execution and accomplishment of the event's objectives.

It provided a dynamic platform for robust knowledge exchange, intellectual discussions, and meaningful connections among scholars, researchers, and professionals. This three-day conference featured a diverse array of presentations, discussions, and workshops showcasing the latest advancements in Life Sciences, Agriculture, and Food & Nutrition. Global scholars shared their research findings, insights, and innovative approaches, addressing current challenges and charting paths for future breakthroughs.





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October - 2023

World Habitat Day Celebration

Swami Vivekananda University's School of Life Sciences, department of Microbiology hosted a meaningful celebration for World Habitat Day on October 3rd. The Celebration of World Habitat Day at Swami Vivekananda University turned out to be a holistic experience, blending academic insights with environmental consciousness and creative expression. The event underscores the School of Life Sciences' commitment to fostering awareness and appreciation for the habitats that sustain life on our planet. The event, organized with meticulous planning, features Prof. Jayanta Kumar Biswas from the Department of Ecological Studies & International Centre for Ecological Engineering at the University of Kalyani as the esteemed guest speaker. Prof. Biswas delivered an enlightening talk on the theme of challenges and importance of preserving Earth's natural habitats. The celebration was followed by Wall magazine exhibition prepared by both undergraduate and postgraduate students of the department.





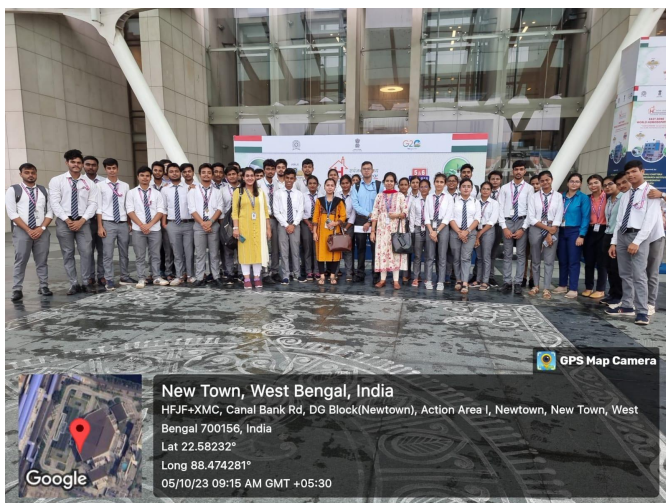
SWAMI VIVEKANANDA UNIVERSITY,
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October - 2023

Homeopathy Conference

Swami Vivekananda University had the honor of participating in a conference organized by the Dr. Anjali Chatterji Regional Research Institute For Homoeopathy, Kolkata, along with a delegation comprising five faculty members and a group of 50 students. The event, held at the prestigious Biswa Bangla Convention Center, proved to be an enlightening experience, offering valuable insights across various academic disciplines and fostering intellectual growth and exchange. The strong participation of SVU faculty and students significantly marked its presence in the conference forum. The active involvement and contributions from the faculty members showcased the university's commitment to academic excellence and engagement in scholarly discourse. Their meaningful participation further underscored Swami Vivekananda University's dedication to fostering a culture of knowledge-sharing and intellectual growth within the academic community.





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November - 2023

International Bioinformatics Workshop

The School of Life Sciences at Swami Vivekananda University, in collaboration with the Departments of Microbiology and Biotechnology, successfully organized an International Workshop on Computer-aided Drug Designing and Discovery. The workshop featured esteemed speakers, including Dr. Sudip Roy, CEO of Prescience Insilico Pvt. Ltd., Dr. Aishwarya Pawar, Senior Application Scientist at PreScience, Ms. Mahima Kori, Application Scientist at PreScience, and Ms. Adhithya, Software Tester at PreScience. The primary objective of the workshop was to provide students from the Department of Microbiology and Biotechnology with valuable insights and hands-on experience in the fields of computer aided drug design and discovery. Dr. Sudip Roy and the PreScience team shared their expertise, covering topics related to computer-aided drug design and discovery. The workshop aimed to groom students, enhancing their proficiency in utilizing computational tools for advancing research and innovation in the domains of microbiology and biotechnology. By bringing together experts from the industry and academia, the workshop served as a platform for knowledge exchange and skill development.





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November - 2023

World Cancer Awareness Day

On November 7th, 2023, the School of Life Sciences and the School of Allied Health Sciences at Swami Vivekananda University collaborated to organize a significant event in honor of National Cancer Awareness Day. The occasion brought together a distinguished panel of speakers, each contributing their expertise and insights to shed light on various aspects of cancer awareness and treatment.

Among the esteemed speakers were Dr. Maharshi Krishna Deb, a Principal Investigator and Founding Head of the Subhash Mukhopadhyay Centre for Stem Cell Biology and Regenerative Medicine; Dr. Vikash Agarwal, a Senior Consultant Oncosurgeon; Dr. Puja Ray, an Assistant Professor at Presidency University; Dr. Jyotirup Goswami, a Consultant in Clinical Oncology and Head of Medical Services at Karkinos Healthcare Private Limited; Dr. Ushasi Banerjee, a Senior Clinical Psychologist at AMRI Hospitals; and Sucharita Santra, an Acute Lymphoblastic Leukemia Survivor.

The event aimed to raise awareness about cancer, offering a comprehensive understanding of its biology, treatment methods, psychological impacts, and personal survivor experiences. The event also featured an E-poster presentation by students of departments of Microbiology and Biotechnology, adding an interactive and dynamic element to the overall program. This platform allowed students to showcase their research, findings, and innovative projects through electronic posters, fostering a vibrant exchange of ideas and knowledge. The E-poster presentation segment further enriched the event by providing students with an opportunity to engage with their peers, experts, and attendees, creating a collaborative atmosphere that contributed to the overall success of the occasion.

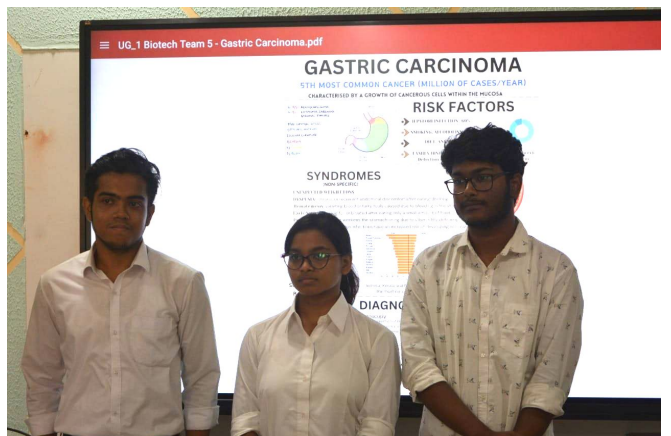


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November - 2023

World Cancer Awareness Day





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November - 2023

Plant Genome Sequencing Seminar

The departments of Microbiology and Biotechnology, School of Life Sciences at Swami Vivekananda University, Barrackpore, organized a seminar on 16th November, with the feature title "Plant Genome Sequencing: A Case Study of Tea." This insightful seminar, jointly conducted by the departments of Microbiology and Biotechnology, aimed to delve into the complexities of plant genome sequencing, using tea as a compelling case study. The distinguished guest speaker for this occasion was Dr. Tapan Kumar Mondal, Principal Scientist at ICAR-National Institute for Plant Biotechnology, LBS Centre, New Delhi. Dr. Mondal, with his expertise in the field, shared valuable insights into the intricacies of plant genome sequencing, particularly highlighting the case of tea. The seminar provided a platform for academic discourse, knowledge exchange, and a deeper understanding of advancements in plant biotechnology within the university community.





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November - 2023

World Entrepreneurs' Day

Department of Microbiology, School of Life Sciences at Swami Vivekananda University in Barrackpore organized a celebration in honor of World Entrepreneurs' Day on November 9th. This event, orchestrated by the departments of Microbiology and Biotechnology, featured Dr. Debabrata Mandal as the Chief Guest. Dr. Mandal, Co-founder of Human Biogenesis and Synbiogenesis, brought his entrepreneurial insights to the occasion. The celebration provided a platform for recognizing and appreciating the spirit of entrepreneurship, particularly within the realms of microbiology and biotechnology. It served as an opportunity for students, faculty, and participants to engage with Dr. Mandal, gaining valuable perspectives on the entrepreneurial landscape in these fields. The event contributed to fostering an entrepreneurial spirit and promoting innovation within the academic community at Swami Vivekananda University.





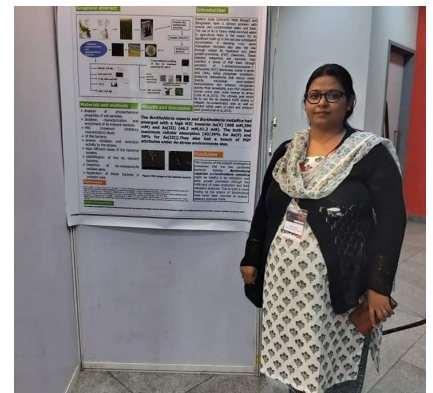
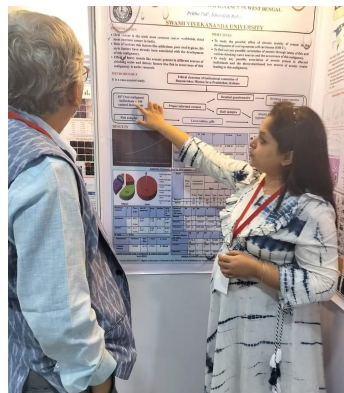
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December - 2023

Regional Young Investigators Meet

Esteemed faculty members from the Department of Microbiology, namely Dr. Pritha Pal, Head of Department, and Dr. Aritri Laha, Assistant Professor, showcased their expertise and research contributions at the Regional Young Investigators Meet held at Presidency University on December 7th and 8th. The faculty members actively participated in the event, presenting their insightful research work and leaving a significant impact with their valuable contributions. Their engagement in this regional gathering not only highlighted their individual accomplishments but also underscored the Department of Microbiology's commitment to advancing research and fostering academic excellence. The entire department expresses gratitude to the Honorable Chief Operating Officer, Mr. Saurabh Adhikari sir, for his invaluable encouragement and support, motivating and facilitating the participation of faculty members in the Regional Young Investigators Meet at Presidency University. His commitment to promoting academic initiatives and providing opportunities for faculty members to showcase their research endeavors always drives young researchers towards the peak of excellence.





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December - 2023





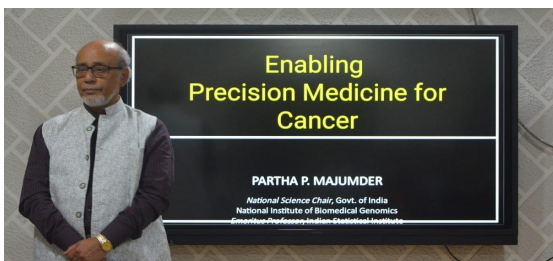
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December - 2023

Vivek Jyoti Ananya Samman

In a momentous occasion, Swami Vivekananda University bestowed the prestigious Vivek Jyoti Ananya Samman upon Prof. Partha P. Majumder, a luminary in the field of academia and a distinguished National Science Chair for Scientific Excellence appointed by the Government of India. Prof. Majumder, who holds the esteemed positions of Distinguished Professor at the John C. Martin Centre for Liver Research & Innovations and Emeritus Professor at the Indian Statistical Institute, was recognized for his outstanding contributions to the scientific community. The award ceremony served as a poignant acknowledgment of Prof. Majumder's exemplary achievements and dedication to advancing knowledge. Following this moment of recognition, a profoundly insightful lecture session was organized, curated to enrich the intellectual pursuits of the students. This distinguished event not only underscores Swami Vivekananda University's commitment to celebrating excellence but also exemplifies its dedication to providing faculties and students with transformative opportunities to learn from and engage with eminent personalities who have left an indelible mark in their respective fields.





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December - 2023

Industry Visit to Bhagwati Foods Pvt, Ltd, Parle

Undergraduate students of Microbiology at Swami Vivekananda University embarked on an insightful industry visit to Bhagwati Foods Pvt. Ltd., Parle. This visit provided them with firsthand experience and exposure to the operational dynamics of the food industry. It served as a valuable opportunity for the students to witness the practical applications of their academic knowledge in a real-world setting, gaining insights into the microbial quality control, food processes and industrial technologies employed in food production at Bhagwati Foods Pvt. Ltd., Parle.





SWAMI VIVEKANANDA UNIVERSITY,
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Planning (February-2024)

1. **World Cancer Day Celebration**

The Department of Microbiology is excited to announce its participation in the celebration of World Cancer Day. This event serves as an opportunity for our department to raise awareness, promote education, and contribute to the global effort in the fight against cancer. Stay tuned for our upcoming activities and initiatives in support of World Cancer Day. Together, we strive to make a meaningful impact on this important health issue.

2. **Tech-Fest**

The Microbiology Department will actively participate in the upcoming Tech Fest organized by Swami Vivekananda University. Our department looks forward to showcasing innovative contributions and engaging in the vibrant technological discussions and activities during this event. Stay tuned for exciting updates as we contribute to the dynamic atmosphere of the Tech Fest at Swami Vivekananda University.



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Planning (February-2024)

3. ICALF-2024

The Department of Microbiology at the School of Life Sciences is thrilled to announce the upcoming second edition of the International Conference (ICALF), scheduled for February 2024. We look forward to providing a platform for global experts, researchers, and enthusiasts to share insights and advancements in the dynamic field of applied life sciences and microbiology. Stay tuned for further details as we prepare for this exciting event.

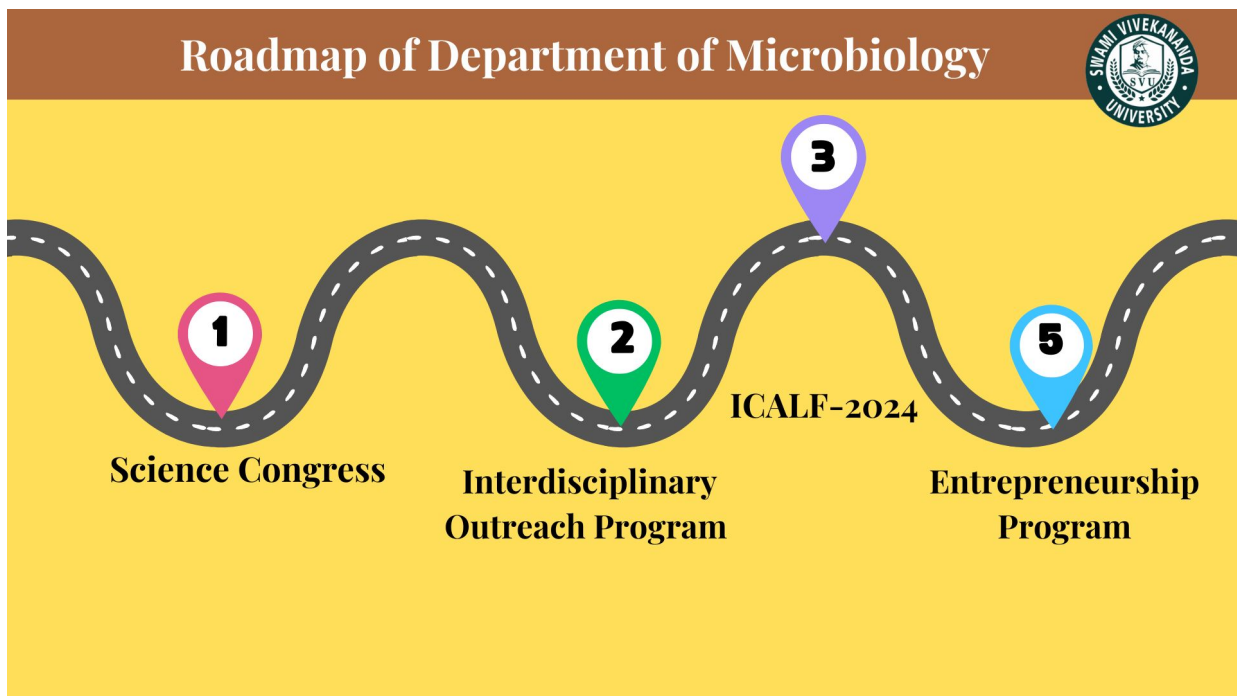
4. Science Day Celebration

The Department of Microbiology is excited to announce its celebration of Science Day. This event will provide an opportunity for our department to engage in activities, discussions, and initiatives that highlight the significance of science in our lives. Stay tuned for updates as we join the global celebration of Science Day and showcase the enthusiasm and contributions of our microbiology community.



SWAMI VIVEKANANDA UNIVERSITY,
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Departmental Roadmap



The roadmap of department of Microbiology prioritizes academic excellence through key initiatives. Our participation in science congress events promotes research visibility, while interdisciplinary outreach programs foster collaboration. The upcoming International Conference (ICALF-2024) stands out as a global platform for knowledge exchange. Additionally, an integrated entrepreneurship program empowers students to apply microbiological innovations practically. This roadmap reflects our commitment to excellence, collaboration, global engagement, and fostering an entrepreneurial mindset among our students.