

BIRAC E-YUVA Centre at PSGRKCW

Activities: 2024 - 2025

- **Technical Evaluation Panel (TEP) Meeting:**

In the month of April, GRG BIRAC E-YUVA Centre conducted the Technical Evaluation Panel (TEP) Meeting for a total of 18 Innovation Fellows on April 22, 2024 (Monday) and 50 E-YUVA Fellows on April 23rd to 24th, 2024 (Tuesday & Wednesday). A group of members with technical expertise in the field of Agriculture, Biotechnology, Microbiology, Biochemistry, Molecular Biology, Healthcare, Cancer Biology, Regenerative Medicine, Food & Nutrition, IP and Product Development were selected as the panel for the assessment of the Fellows. The TEP selected 3 potential candidates for Innovation Fellow with two standby, and 5 Student Teams as E-YUVA Fellows. The centre prepared the minutes of the meeting with the list of selected candidates and had sent it to BIRAC for the announcement of winners.

- **Bionest Conclave: May 17, 2024**

On May 17, 2024, GRG BIRAC Centre attended the BioNEST & E-YUVA Conclave in New Delhi, organized by BIRAC. The event, held from 09:30 AM to 6:00 PM, featured keynote speeches, panel discussions, and networking sessions aimed at fostering peer-to-peer learning and business development within the biotech sector. Highlights included insights from industry leaders on biotech trends, challenges, and opportunities, along with valuable networking opportunities that facilitated new connections and



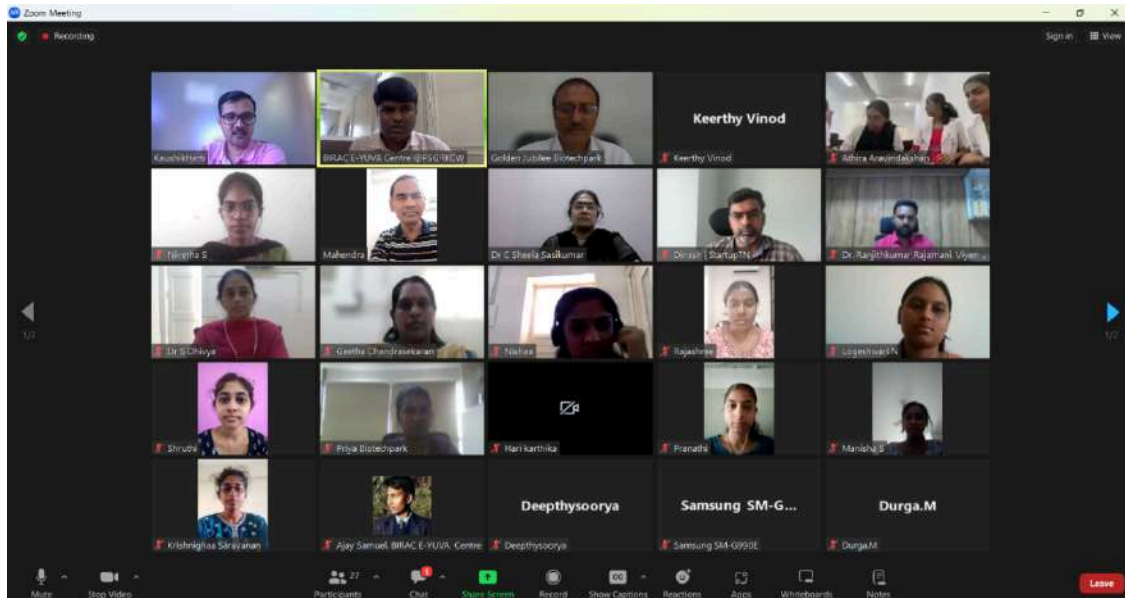
- **Southern Star Army Academia Industry Interface Event: May 28th to 29th, 2024**

GRG BIRAC EYUVA Centre participated in the Southern Star Army Academia Industry Interface event on 28th and 29th May 2024 at Codissia, joining representatives from KCW, GRG Gen NXT, BIRAC E-YUVA Center, CIEED, and the Food Quality and Testing Lab. The event provided an excellent platform for showcasing innovations, engaging in insightful discussions, and exploring collaboration opportunities between academia, industry, and the defense sector. Key outcomes included strengthened relationships with stakeholders, enhanced understanding of defense technology advancements, and valuable insights into the sector's needs and challenges, all of which will inform and benefit our future projects.



- **Pre-Induction Programme for onboarding of 2nd cohort of BIRAC Innovation and E-YUVA fellows: 20th June 2024**

BIRAC E-YUVA Centre at PSGR Krishnammal College for Women conducted a Pre-Induction program through online mode for the selected E-YUVA fellows and Innovation fellows on 20th June 2024. The Technical Evaluation Panel members and our knowledge partner- Golden Jubilee Biotech Park for Women Society were present in the session. A total of 5 E-YUVA teams and 3 Innovation fellows were present for the program. The panel members have discussed the importance of this funding, methods and strategies in the entrepreneurship, budget utilization, timeline split-up and other aspects of this project.



- **Interactive Session on Driving Biotechnology Innovation: BIRAC’s Role and Initiatives: 25th June 2024.**

An Interactive Session on “Driving Biotechnology Innovation: BIRAC’s Role and Initiatives” was conducted on 25th June 2024, at the Department of Microbiology, Karpagam Academy of Higher Education, Coimbatore.

The session was led by Dr. G. Ramkumar, Project Coordinator at BIRAC E-YUVA, PSGR Krishnammal College for Women, Coimbatore. 110 students from the UG and PG Department of Microbiology has attended. He delivered insightful lectures on BIRAC's initiatives and contributions to biotechnology innovation, with a special focus on environmental sustainability through biotechnology.

The programme aimed at encouraging students and faculty to actively engage in biotechnology-driven projects that align with BIRAC's mission of fostering innovation. The session was highly informative and contributed to raising awareness about the growing role of biotechnology in addressing environmental issues. Dr. Ramkumar's expertise provided the attendees with a clear understanding of the initiatives led by BIRAC and the opportunities available for young innovators in the biotechnology field.



- **Signing of Sub Grant Agreement: June 27, 2024**

Sub Grant Agreement between GRG BIRAC E-YUVA Centre and second batch of Innovation fellows and E-YUVA fellows were signed on June 27, 2024. Everyone congratulates our 2nd batch of Innovation Fellows, Dr. Dhivya, Dr. Geethadevi, and Dr. Nishaa, and to our New E-YUVA teams: Logeshwari and Team and Rajashree and Team from PSGR Krishnammal College for Women, Shakthi Jaya Sundar and Team from Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research, College of Engineering Guindy, Anna University and Sri Ramachandra Institute of Higher Education and Research, Nivetha and Team from PSG College of Technology, Athira and Team from Dr.Moopen's Medical College.



- **Orientation programme on “Prototype and Proof of concept: 27th June 2024**

An orientation programme on “Prototype and Proof of Concept” was held on 27th June 2024, organized by the GRG BIRAC EYUVA Centre. The session was aimed at guiding the 2nd batch of Innovation Fellows and E-YUVA Fellows, providing them with essential insights into their upcoming roles in the field of innovation and entrepreneurship.

Dr. R. Ranjith Kumar, Chief Scientific Officer of Viyen Biotech LLP, Coimbatore, led the session. With his extensive experience in biotechnology and innovation, Dr. Ranjith Kumar offered valuable guidance on developing prototypes and translating proof of concept into viable products. His insights helped the fellows understand the key stages of innovation, from idea generation to market readiness.

The session was designed to equip the new batch of fellows with the knowledge and skills necessary to navigate their journey successfully, enhancing their ability to contribute meaningfully to the biotechnology ecosystem.



- **Interactive Session on BIRAC E-YUVA Scheme and Skill Development in Biotechnology: 12th July 2024**

On 12th July 2024, the Department of Biotechnology at RVS College of Arts and Science, Coimbatore, conducted an orientation session on the BIRAC E-YUVA Fellowship Programme and Start-ups. The session was led by Ms. Tharani S, Office Assistant at the GRG BIRAC E-YUVA Centre.

Ms. Tharani provided essential guidance to the students, focusing on the structure and benefits of the BIRAC E-YUVA Fellowship Programme, which is aimed at fostering innovation and entrepreneurship in biotechnology. The orientation offered an in-depth look into the objectives of the fellowship program, including opportunities for mentorship, financial support, and guidance for young innovators aspiring to launch start-ups in the biotech field. 90 students from the UG Department of Biotechnology have attended the session.

The session also emphasized the importance of the BIRAC E-YUVA Scheme in promoting entrepreneurship and innovation, particularly in the context of biotechnology start-ups. Ms. Tharani provided practical insights into how students can transform their ideas into viable products and businesses, supported by initiatives from BIRAC and other governmental schemes.



- **PSG - STEP and BIONEST Visit: 22nd July 2024**

On 22nd July 2024, GRG BIRAC E-YUVA Innovation fellows, Project Coordinator, Project Assistant and Office Assistant visited the PSG-STEP BioNEST Centre and Innosphere Centre (3D Printer Facility Centre). BioNEST technical assistants Mr. Dharanidharan and Ms. Dhivya gave an overview of the facilities, explained the details of the incubatees and their projects, seed funds, BIG grants, and the overall process. They also showed us the 3D printer and its importance. PSG-STEP Senior Manager Mr. Manikandan and Ms. Rajeshwari, encouraged the fellows to use the STEP facilities and

offered help with any project needs and invited our fellows to attend "BioEcosys," a monthly meetup for bio-enthusiasts focused on bio-innovation in research, development, translation, regulation, and commercialization. This visit gave our fellows a clear understanding of the product development process. They learned about the stages from research to commercialization and saw the many facilities available at PSG STEP. The information on seed funds, BIG grants, and the 3D printer's capabilities was particularly helpful. Overall, this experience has prepared them well for their own projects.



- **4th Annual Women in Biotech Conclave and Awards: 8th August 2024**

The Golden Jubilee Biotech Park for Women Society organized its Fourth Annual Women in Biotech Conclave and Award function on 8th August 2024, at the prestigious Ball Room, Radisson Blu Hotel, Meenambakkam, Chennai. Dr. B. S. Chitra Devi, along with Dr. Ramkumar G and our team of 2nd batch of Innovation fellows and E-YUVA Fellows, had the valuable opportunity to participate in this significant event. The conclave celebrated and acknowledged the contributions of women in the field of biotechnology, showcasing their achievements and fostering a platform for collaboration and recognition.



- **Global Bio India 2024 - Roadshow: 10th August 2024**

The BIRAC E-YUVA Centre at PSGR Krishnammal College for Women, in collaboration with TICEL BioPark, PSG STEP, and TNAU E-YUVA Centre, organized a Road Show on Global Bio-India 2024 held at TICEL Bio Park, Coimbatore, which focused on "Productization Strategies & Market Enablement for Bio-Enterprises." The

event provided valuable insights into key aspects of biotech commercialization, funding, and innovation.

The program began with a welcome address by Mr. P. Poongumaran, Managing Director of TICEL Bio Park, followed by a virtual address from Dr. Murali, Chief Managing Director of Jananom Biotech. Dr. Vishwadeep Kapare, Officer Investment BIRAC, gave an overview of Global Bio-India 2024 and elaborated on BIRAC's funding mechanisms, including early and advanced-stage funding, corporate equity investment, and the BIOTECH IGNITION GRANT (BIG). He also emphasized common proposal shortcomings, stressing the importance of prototype development, product commercialization, and regulatory compliance.

Two key panel discussions were held during the event. The first, led by Dr. Arunkumar Arumugam, Managing Director of iVyukthi Business Solutions LLP, focused on transforming biotech ideas into products. Panelists included Dr. Sivapathasekaran C from Cytiva India Private Limited, Dr. Subramanian K.S from Coromandel International Limited, and Dr. Preethi Marimuthu from MARISYM Biologicals Private Limited. The discussion covered topics such as product prototype development, commercial potential, corporate investment, and regulatory aspects.

Dr. N. Senthil, Director of the Centre for Plant Molecular Biology & Biotechnology at TNAU, provided insights into the TNAU BIRAC E-YUVA Centre's project areas and its efforts to support young biotech entrepreneurs. Additionally, Dr. B.S. Chithra Devi, Chief Coordinator of BIRAC's E-YUVA Centre, briefed participants on the PSGRKCW BIRAC E-YUVA Centre and its resources for startups.

The second panel, led by Dr. Sridharan J from Genotypic Technology Private Limited, focused on managing the transition of biotech products from the lab to the market. This session addressed revenue models, the role of bio-incubators, market intelligence, and advanced technologies like sequencing and nanofibers in biotech. Panelists included Dr. Lipin Dev from VT Ecogreen Technologies Private Limited, Dr. Kesavan Markkandan

from Oneomics Private Limited, and Dr. Kavitha Sai Ram from FIB-SOL Life Technologies.

The event concluded with a vote of thanks by Dr. Suresh from PSG-STEP, expressing appreciation for the contributions of the speakers and attendees. Overall, the roadshow provided a great opportunity to network and learn about the latest trends in the biotech industry. The insights gained will be invaluable for our ongoing and future projects.

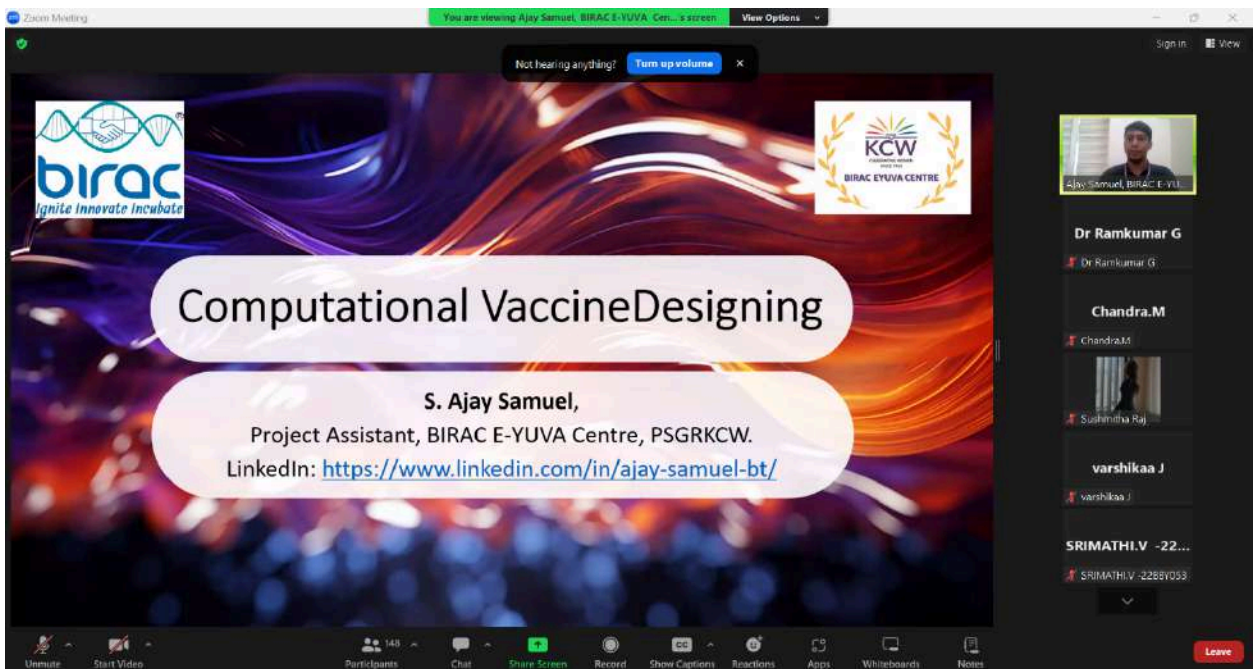


- **Webinar on BIO-AI Computational Vaccine Designing:**

GRG BIRAC E-YUVA Centre conducted a webinar titled “BIO-AI Computational Vaccine Designing on 23rd August 2024”.

The session was led by Mr. Ajay Samuel, Project Assistant at the BIRAC E-YUVA Centre, PSGR Krishnammal College for Women. He provided participants with comprehensive insights into the emerging field of BIO-AI, discussing computational technologies and methods for vaccine design. The webinar covered key aspects of vaccine development, including data-driven approaches, modelling, and the integration of AI tools in biological research.

A total of 231 participants, including students and faculty from the Departments of Botany, Zoology, and Biotechnology, attended the webinar. The session provided



valuable insights into how computational techniques are transforming traditional vaccine development. It emphasized the significance of interdisciplinary learning and innovation in addressing global health challenges.

- **National Level Webinar on "IP Commercialization and Technology Transfer": 6th September 2024**

The GRG BIRAC E-YUVA Centre and the Department of Botany, under the aegis of the Centre of Excellence in Life Sciences, jointly organized a National Level Webinar on "IP Commercialization and Technology Transfer" on 6th September 2024. The session was conducted by Mr. S. Sam Jaikumar, M.Tech, Innovation Manager at the Ministry of Education's Innovation Cell, AICTE, Bengaluru. The Session covered key aspects of technology transfer, patenting, and the commercialization of innovations. Participants gained a deeper understanding of how to protect their intellectual property and navigate the challenges of bringing innovations to market.



- **Global Bio India 2024: September 12th to 14th, 2024**

GRG BIRAC E-YUVA Centre Innovation Fellows and E-YUVA Fellows participated in the Global Bio-India 2024 event from September 12th to 14th, 2024 organized by the Biotechnology Industry Research Assistance Council (BIRAC), Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India. The event facilitated the fellows to interact with industry leaders, start-ups, and explore the

latest biotech innovations. They gained valuable insights into emerging trends in healthcare, pharma-tech, medtech, agriculture, and sustainability. The event also offered excellent networking opportunities, enhancing their knowledge of biotech advancements and entrepreneurial strategies.



- **One Health International Conclave: September 18th to 19th 2024**

In the month of September, GRG BIRAC E-YUVA Centre and the Centre of Excellence in Life Sciences jointly hosted a Two-Day International Conference on One Health from September 18th to 19th, 2024. The conference focused on advancing a holistic perspective on health, emphasizing the interdependence between humans, animals, plants, and microbes. It underscored the vital connections within ecosystems and the importance of collaborative efforts to protect global health.



- **Visit of Dr. Gopakumaran Kartha and Dr. Rijesh to GRG BIRAC E-YUVA Centre: September 18th 2024**

In the month of September, Dr. Gopakumaran Kartha, Dean of Dr. Moopen's Medical College, and Dr. Rijesh from Dr. Moopen's iNEST, Kerala, visited the GRG BIRAC E-YUVA Centre. During their visit, they interacted with BIRAC E-YUVA representatives and Innovation Fellows, discussing strategies and initiatives to enhance the One Health approach. The discussions emphasized the significance of integrated health solutions spanning human, animal, and environmental sectors.



- **International Startup Festival in Hyderabad: 26th-28th September 2024**

In the month of September, The International Startup Festival was held in Hyderabad from September 26th to 28th, 2024. GRG BIRAC E-YUVA Centre was proudly represented by Logeshwari, an undergraduate fellow from the Centre's 2nd batch. She showcased the innovative product, "Spent Mushroom Substrate Briquettes," emphasizing its potential as a sustainable solution. This participation highlights the proactive role of our UG fellows in promoting innovative products developed at the E-YUVA Centre on an international stage, reinforcing the entrepreneurial spirit and commitment to innovation fostered at our Centre.



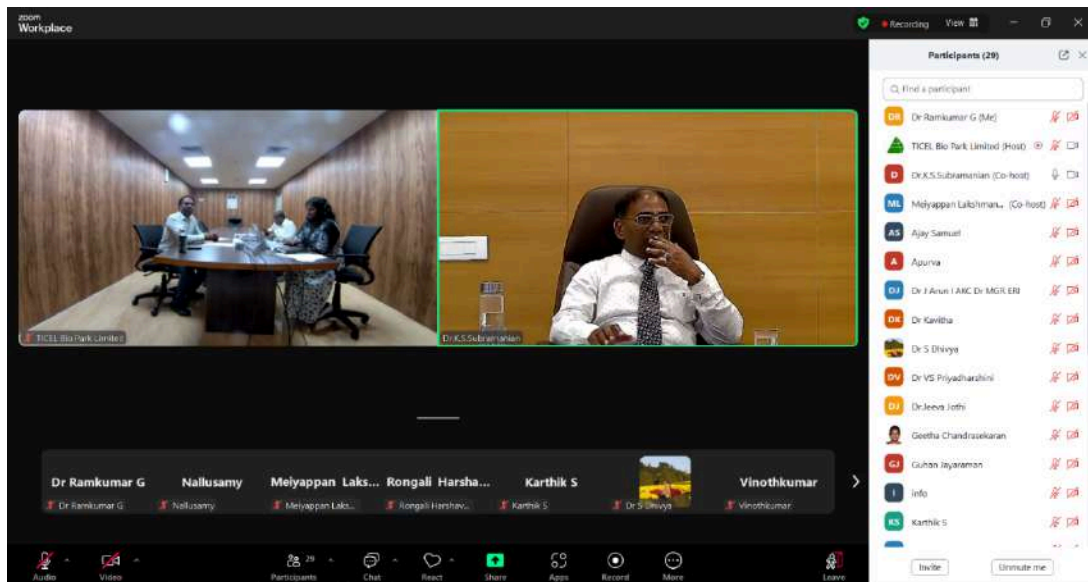
- **GRG BIRAC E-YUVA Fellows Shine at Student Entrepreneurs Expo 2024: October 4th, 2024**

In the month of October, the first batch of undergraduate E-YUVA fellows from GRG BIRAC E-YUVA Centre, Akshaya and Siva Malathi, proudly represented their start-up, sweet spire Private Limited, at the Student Entrepreneurs Expo held at PSGRKCW on October 4th, 2024. They showcased and sold a variety of products, including cookies, brownies, cheesecakes, muffins, confectionaries, and their standout innovation- Probiotic Jelly, which was funded by the GRG BIRAC E-YUVA Centre. Their participation highlighted the entrepreneurial achievements and innovative spirit cultivated at the Centre.



- **Bio-Process Technologies in Agro Products: 8th October 2024**

In the month of October, a virtual session titled “Bio-Process Technologies in Agro Products” was jointly organized by TICEL Bio Park, GRG BIRAC E-YUVA Centre, PSG-STEP, Karpagam Innovation & Incubation Council and AIC RAISE-Rathinam group at 3 PM on 8th October 2024. The session featured insights from eminent speakers covering a wide range of topics, including advancements in R&D cell engineering to bio-manufacturing, the Bio E3 policy, successful start-up journeys, and an industry perspective on bio-process technologies. This session provided participants with valuable knowledge on cutting-edge developments and real-world applications in the field of agro-product bioprocessing.



- **Visit of DBT delegates: 17th October 2024**

In the month of October, The BIRAC E-YUVA Centre at PSGR Krishnammal College for Women had the privilege of hosting distinguished guests from the Department of Biotechnology (DBT), Government of India on October 17th 2024. The visitors included Dr. Garima Gupta, Scientist ‘F’, Prof. Ramesh Sharma, North-Eastern Hill University, and Prof. R. Rajendran, PSG College of Arts and Science.

The visit provided an excellent platform for the 1st and 2nd batch E-YUVA fellows to showcase their innovative projects and engage in meaningful discussions. Prof. Ramesh Sharma praised the fellows for their exceptional work and offered valuable suggestions to refine their products further.

A standout moment of the visit was the presentation of the Probiotic Jelly, developed by Akshaya and her team, which captured the delegation's attention and served as the highlight of the gathering. The DBT team expressed their appreciation for the quality and potential of the fellows' innovations. The visit underscored the importance of nurturing creativity and fostering collaboration among young innovators and seasoned experts. This engagement reflects the commitment of BIRAC and PSGRKCW to creating a vibrant ecosystem for innovation and entrepreneurship. The DBT team expressed their appreciation for the fellows' efforts and encouraged them to continue innovating. The visit reaffirmed the importance of collaboration between innovators and experts to develop impactful solutions.



- **CII EDU Expo 2024: November 16th to 18th 2024**

In the month of November, BIRAC E-YUVA Centre at PSGR Krishnammal college for women participated in the CII EDU Expo 2024, held at CODISSIA Trade Fair Complex, Coimbatore, from November 16 to 18, 2024. As part of the event, the Centre set up an interactive stall showcasing the innovative products developed by E-YUVA fellows. The stall attracted significant attention from visitors, including industry leaders, academicians, students, and entrepreneurs, who were keen to learn about the creative solutions presented by the fellows. The Expo provided an excellent platform to highlight the innovative capabilities of the E-YUVA program and foster meaningful discussions about entrepreneurship and innovation in biotechnology.



- **AI and ML in Bioinformatics- 2nd December, 2024**

In the month of December, the BIRAC E-YUVA Centre at PSGRKCW and the Department of Botany, under the aegis of the Centre of Excellence in Life Sciences, successfully conducted a 60 hours course on "AI and ML in Bioinformatics" in collaboration with the Golden Jubilee Biotech Park for Women Society, Chennai; TICEL Bio Park, Coimbatore; and Dr. Moopen's iNEST, Wayanad. The course aimed to bridge the gap between theory and practice by providing participants with hands-on experience using real-world datasets and cutting-edge tools. A total of 30 participants, including

students and faculty from the Departments of Botany, Zoology and Biotechnology also had the opportunity to work on individual projects, enhancing their practical knowledge and skills. The program was conducted in a hybrid mode (both online and offline), ensuring flexibility and convenience for the participants. This initiative served as a significant platform for fostering learning and innovation in bioinformatics.

- **Mentoring session by Mr. Gunasekaran - 12th December, 2024**

In the month of December, Interaction with Mr. Gunasekaran, director of Nextron service was held at BIRAC EYUVA Centre at PSGRKCW on 12th December, 2024. He discussed the private limited company registration steps and its benefits to our Innovation fellows. He also discussed the additional services provided by the company which was very helpful to initiate the company registration process.



- **Meeting with IIT Palakkad - 13th December, 2024**

In the month of December, PSGR Krishnammal College for Women signed a Memorandum of Understanding (MOU) with the Indian Institute of Technology (IIT) Palakkad on 13th December 2024 to establish an interdisciplinary collaboration. The MOU, signed between Mrs. Vasantha, Dean Student affairs, Dr. Ramkumar, Project Co-Ordinator, BIRAC E-YUVA Centre, Dr. Sarah Jaison, Assistant professor, Department of Botany, Dr. Dhivya, Innovation Fellow, BIRAC E-YUVA Centre, Mr. Ajay Samuel, Project Assistant, BIRAC E-YUVA Centre from PSGR Krishnammal

College for Women and Prof. Jagadeesh Bayry, Hod Biological Sciences, Dr. Deepak Jaiswal, Department of Environmental Science, Dr. Vibhu Ranjan Sarangi, Department of physics and Department of Biological Sciences and Engineering, Dr. Sushabhan Sadhukhan, Associate Professor, Department of Chemistry, and Department of Biological Sciences from Indian Institute of Technology (IIT) Palakkad, aims to foster an interdisciplinary partnership that combines academic excellence with cutting-edge research. This collaboration will drive innovation, promote technological advancements, and contribute to transformative solutions in Science, Technology, and Engineering.



- **GC-MS Workshop - 20th December, 2024**

In the month of December, BIRAC E-YUVA Centre at PSGRKCW, in collaboration with PerkinElmer (India) LLP, Mumbai (Spectralytic Scientific India Pvt. Ltd.), organized a one-day workshop on "Gas Chromatography and Mass Spectrometry" on December 20th, 2024, from 10 AM to 4 PM. The workshop was conducted for

E-YUVA fellows, postgraduate students, and research scholars, providing them with valuable insights and hands-on experience in advanced analytical techniques.



A mentoring session on “Product Development and Technology Transfer”- December 23rd 2024

A mentoring session on product development and technology transfer was conducted by BIRAC E-YUVA Centre on December 23rd 2024. The session was led by Dr. Sivapathasekaran from Cytiva, Bangalore for BIRAC E-YUVA Fellows. The session provided valuable insights into the key aspects of biotechnology product development, scaling up innovations, and navigating technology transfer processes. Dr. Sivapathasekaran shared industry expertise, addressing critical challenges in commercializing biotech solutions, regulatory considerations, and strategic collaborations. The interactive discussion enabled participants to gain a deeper understanding of translating research into market-ready products, emphasizing the importance of innovation, quality standards, and industry partnerships. The session proved to be highly beneficial for

researchers, startups, and budding entrepreneurs seeking to advance their biotechnology ventures.





January 2025

National Startup Day Celebration – 16th January 2025

The BIRAC E-YUVA Centre at PSGRKCW celebrated National Startup Day on January 16, 2025, in virtual mode. The event featured an inaugural address by Dr. Ranjith Kumar (Associate Professor, SIMATS Deemed University, E-YUVA Chennai, and Former CSO, Viyen Biotech LLP), followed by the National Startup Day Address by Dr. Jitendra Kumar, MD, BIRAC. The keynote address was delivered by Dr. Lipin Dev (Director & Partner, VT Ecogreen Technologies Pvt Ltd, Coimbatore), who shared insights on innovation, challenges, and opportunities in the startup ecosystem.

Participation in Global Expo and Knowledge Summit – 24th -26th January 2025

Innovation Fellows attended the 2nd edition of the Global Expo and Knowledge Summit, organized by Jubilant Tamil Nadu, Fame TN, Startup TN, and BNI Coimbatore. The event, held at CODISSIA Trade Fair Complex, Coimbatore, provided an excellent platform to explore the innovation ecosystem, startups, and R&D opportunities in Tamil Nadu.

Meeting with SPIC Agro Biotech Centre - 25th January 2025

A meeting was held with SPIC Agro Biotech Centre on January 25, 2025, to discuss potential collaboration. Dr. Rajkumar, Business Head, and Dr. Brindha, Assistant Manager (Research) participated in the discussions to explore avenues for partnership and research collaborations.

On this visit, Mr. Selvakesavan and another representative from BIRAC E-YUVA Centre met with Dr. Brindha, Manager and R&D Incharge, and discussed various collaboration opportunities, including paper publications, joint research projects, research proposals, student internships, and the signing of an MoU.

SPIC Agro Biotech Centre expressed enthusiasm about the collaboration but mentioned that approval from their Chennai Head Office is required. They assured that the process would be initiated in the coming weeks.

Following the discussions, the team visited the SPIC Green House, where they collected Tissue Culture (TC) red and green banana saplings for research purposes. Additionally, Mr. Selvakesavan visited the farm and observed the status of the bunch stalk feeding of red bananas.



Fermentation Technology Workshop - 28th-29th January 2025

The BIRAC E-YUVA Centre at PSGRKCW conducted a two-day workshop on Fermentation Technology for E-YUVA fellows and Innovation Fellows on January 28-29, 2025, from 10 AM to 4 PM. The workshop provided participants with hands-on experience and theoretical knowledge in fermentation technology, equipping them with essential skills in bioprocessing and microbial technology.



Participation in PSG STEPs BioEcosys Meet-up- 31st January 2025

Innovation Fellows, Dr. Ramkumar, Project Coordinator, and Ms. Tharani, Office Assistant, attended the PSG STEPs BioEcosys meet-up event on 31st January 2025. The session was conducted by Dr. Vignesh Murthy, Senior Manager, Rajshree Biosolutions LLP, who shared insights on New Horizons in Bio-Enterprise: Opportunities, Challenges, and Innovations in Product Development. Dr. Murthy detailed his entrepreneurial journey, discussed strategies for overcoming challenges, and elaborated on his experience obtaining the BIRAC BIG grant, providing valuable insights into the application process and key steps involved.

February 2025

Mentoring Session: IP Generation and Company Formation- 6th February 2025

In the month of february, BIRAC E-YUVA Centre at PSGR Krishnammal College for Women organized a mentoring session for E-YUVA Fellows and Innovation Fellows on "IP Generation and Company Formation" by Mr. Prabhunarain S, Director and Head, IPR and Technology development division of Gagnant Financial and Legal Consultants LLP; and Gagnant groups on 6th February 2025. The session aimed to provide valuable insights into the fundamentals of intellectual property (IP) rights and the essential steps involved in setting up a company.

The session also guided the fellows on various aspects of intellectual property generation, patent filing, and legal frameworks associated with company formation. The interactive session allowed participants to engage in discussions, seek clarifications, and gain practical knowledge on protecting innovations and establishing startups.



The poster features a purple and white color scheme. At the top, it displays the logos of PSGR Krishnammal College for Women (KCW) and BIRAC. Below the logos, the text reads: "BIRAC E-YUVA Centre at PSGRKCW Organizes MENTORING SESSION ON IP GENERATION AND COMPANY FORMATION resource person". A circular portrait of Mr. S. Prabhunarain is centered on the poster. Below the portrait, his name and title are listed: "Mr. S. Prabhunarain Director and Head - IP Division, Gagnant Financial and Legal Consultants LLP". At the bottom, the event details are provided: "02.30 PM - 04.30 PM | 6 February, 2025" and the contact email "grgbiraceyc@psgrkcw.ac.in".

PSGR
Krishnammal College for Women **KCW**

birac
Ignite. Innovate. Incubate.

KCW
BIRAC E-YUVA
CENTRE

BIRAC E-YUVA Centre at PSGRKCW
Organizes
**MENTORING SESSION ON IP GENERATION
AND COMPANY FORMATION**
resource person

Mr. S. Prabhunarain
*Director and Head - IP Division,
Gagnant Financial and Legal Consultants LLP*

📅 02.30 PM - 04.30 PM | 6 February, 2025

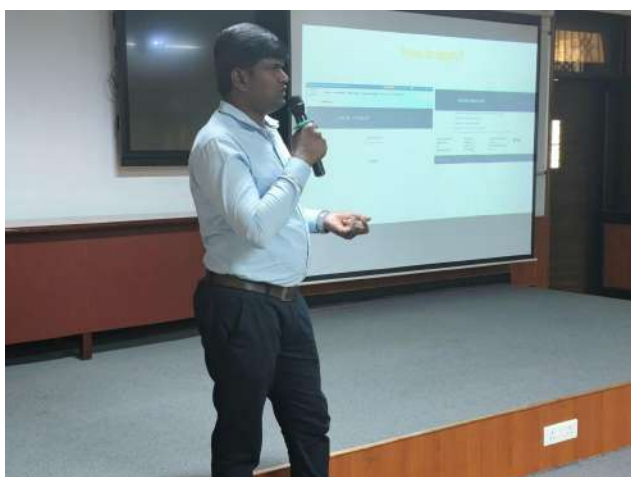
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Interactive Session on Empowering Young Entrepreneurs in Biotechnology: BIRAC's E-YUVA Scheme - 12th February 2025

An interactive session on “**Empowering Young Entrepreneurs in Biotechnology: BIRAC's E-YUVA Scheme**” was conducted at PSG College of Arts & Science, Coimbatore on 12th February 2025. The session was led by **Dr. G. Ramkumar, Project Coordinator, BIRAC E-YUVA Centre, PSGR Krishnammal College for Women, Coimbatore**, and aimed to create awareness about entrepreneurial opportunities in biotechnology and the support provided by BIRAC's E-YUVA scheme. The session was attended by 70 students from various life sciences departments, who actively participated in discussions. Dr. Ramkumar provided valuable insights into BIRAC's role in fostering biotech innovation, highlighting funding opportunities, incubation support, and mentorship programs available for young innovators. He also shared success stories

of biotechnology entrepreneurs supported by BIRAC, inspiring students to explore biotech-based startups. The session emphasized the importance of translating innovative ideas into viable business solutions, contributing to advancements in biotechnology and societal development. The event concluded with a motivating message encouraging students to leverage BIRAC's initiatives to drive impactful biotechnology innovations.



National Level Webinar on "Overview of Upstream Processing"- 19th February 2025

The BIRAC E-YUVA Centre and the Department of Botany, under the aegis of the *Centre of Excellence in Life Sciences* at PSGR Krishnammal College for Women, successfully organized a **National Level Webinar** on "Overview of Upstream Processing" on 19th February 2025. The

objective of this webinar was to provide participants with a comprehensive understanding of upstream processing, an essential aspect of biopharmaceutical manufacturing. The event attracted a diverse audience with a total of 194 participants, including students, researchers, faculty members, and industry professionals from across the country.

PSGR
Krishnammal College for Women

KCW
K. V. S. RAO

KCW
BIRAC E-YUVA
CENTRE

birac
BIOINFORMATION RESOURCES CENTRE

BIRAC E-YUVA Centre and Department of Botany
under the aegis of
The Centre of Excellence in Life Sciences
Jointly Organizes

National Level Webinar on

"Overview of upstream processing"

Resource Person
Mr. N. SARAVANAN
Deputy Manager in Production of Monoclonal antibody production,
QMS team of Common stream operations.
BIOCON Biologics LTD.

10:00 AM - 11:00 AM | 19 February, 2025
<https://forms.gle/MYQLs8qicZNApPrR9>
grgbiraceyc@psgrkcw.ac.in

Zoom Meeting

You are viewing GRG BIRAC E-YUVA Centre's screen

Recording

Amritha U

S Jeevan Kumar

GRG BIRAC E-Y...

Saravanan N

Dr. T. Satguruna...

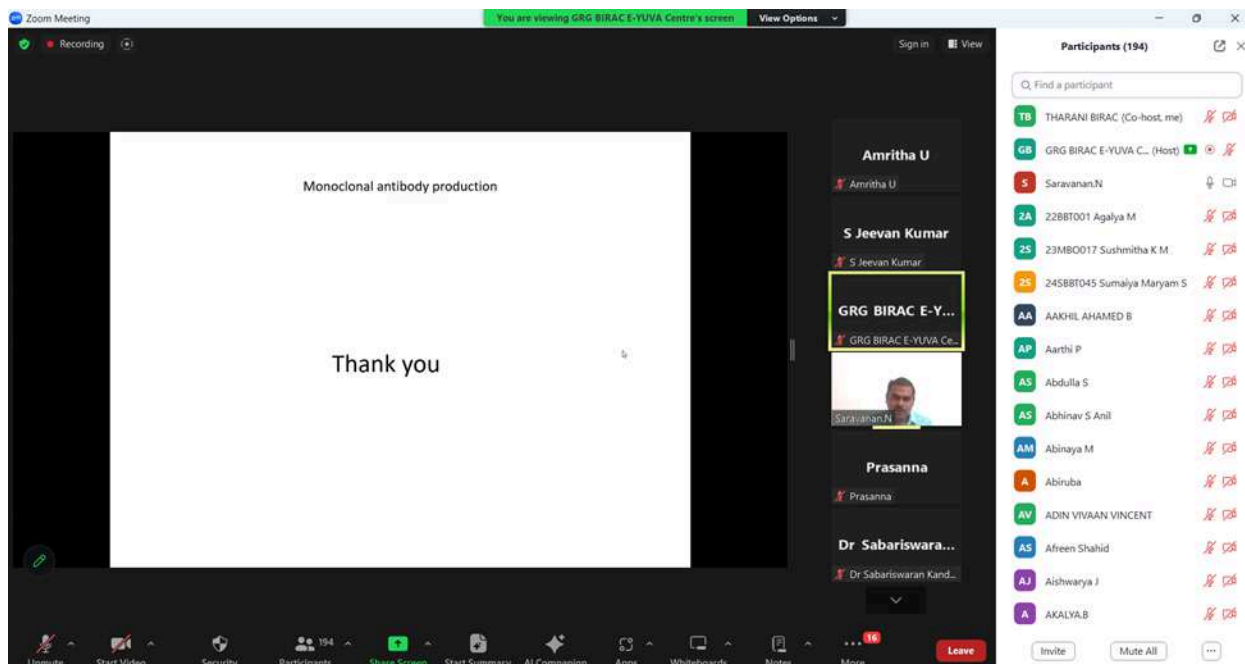
Dr. Sabariswara...

Participants (194)

Find a participant

- THARANI BIRAC (Co-host, me)
- GRG BIRAC E-YUVA Ce... (Host)
- Saravanan N
- 228BT001 Agalya M
- 23MB0017 Sushmitha K M
- 245BT045 Sumalya Maryam S
- AAKHIL AHAMED B
- Aarthi P
- Abdulla S
- Abhinav S Anil
- Abinaya M
- Abiruba
- ADIN VIVAAN VINCENT
- Afreen Shahid
- Aishwarya J
- AKALYA B

Unmute Start Video Security Participants Share Screen Start Summary AI Companion Apps Whiteboards Notes More Leave



March 2025

Scale-Up Incubator Program- March 4th-5th 2025

Dr. G. Ramkumar, Project Coordinator, **BIRAC E-YUVA Centre, PSGR Krishnammal College for Women**, attended the "**Scale-Up Incubator Program**" held on **March 4-5, 2025**, at the **IIT Madras Research Park**. The program was organized by the **Centre for Research on Startups and Risk Financing at IIT Madras** in collaboration with **Startup TN**. This initiative aimed to enhance incubation strategies, foster startup growth, and strengthen the entrepreneurial ecosystem. The event brought together experts, incubator managers, and policymakers to discuss best practices, funding mechanisms, and ecosystem development for scaling innovative ventures. Dr. Ramkumar's participation in this program is expected to contribute to further strengthening

the incubation support system at the **BIRAC E-YUVA Centre**, empowering young biotech entrepreneurs with enhanced mentorship and funding opportunities.

