



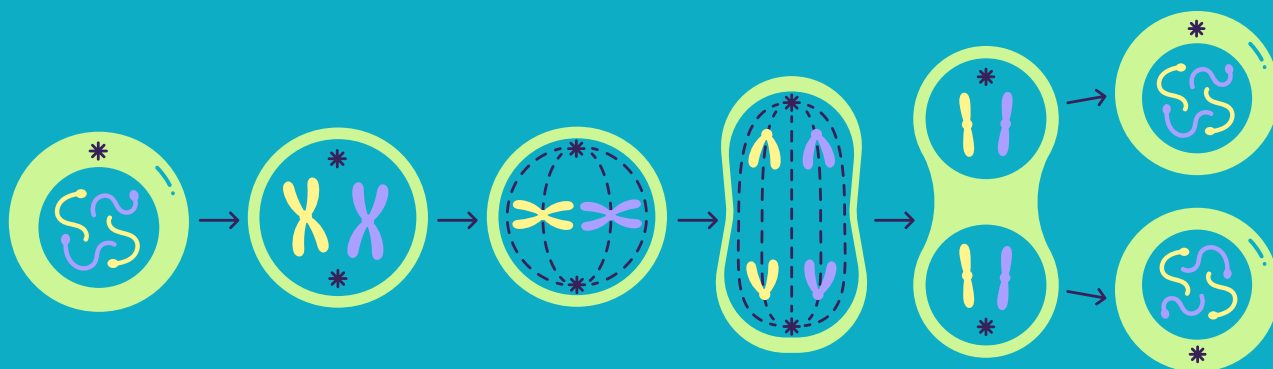
www.bioFABA.org.in



www.indimmune.com



www.abfindia.org



COMPREHENSIVE REPORT ON FABA FINISHING SCHOOL

BUILDING INDUSTRY-READY BIOTECHNOLOGY TALENT
THROUGH IIL CSR

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LEADERSHIP ADDRESS

Dear Industry Partners and Stakeholders,

It gives me immense pleasure to present FABA “Finishing School” - a comprehensive program designed to bridge the critical gap between academic learning and industry requirements in the life sciences sector.

Over the course, around 100 students have undergone rigorous training in microbiology, molecular biology, cell culture techniques, and essential soft skills. This program represents our commitment to producing industry-ready professionals who can contribute meaningfully from day one.

The students featured in this booklet are not just graduates of a training program - they are skilled professionals ready to drive innovation and excellence in India's growing biotechnology sector. Each profile represents hours of hands-on laboratory experience, theoretical mastery, and professional development.

We thank Indian Immunologicals Limited and Dr Anand Kumar for their sponsorship and constant support in shaping the talents of biotech ecosystem and also consider these exceptional individuals for opportunities within your organizations.

Prof. Pallu Reddanna
Senior Professor (Rtd.), University of Hyderabad
Executive President, FABA

INTRODUCTION

The Federation of Asian Biotech Associations (FABA), in collaboration with Indian Immunologicals Limited (IIL) and the Agri Biotech Foundation, successfully conducted Four batches of the FABA Finishing School. The first two batches were offered under the theme “Foundations in Microbiology, Molecular Biology, Cell Culture & Soft Skills,” and the third batch delivered a 10-day intensive training in Molecular Biology and Soft Skills. All three programs were hosted at the Agri Biotech Foundation, Hyderabad. Batch 4 & 5 had an comprehensive training on cell culture exclusively for the students of Sri Sathya institute of higher learning, puttaparthi.

Training Batches Conducted:

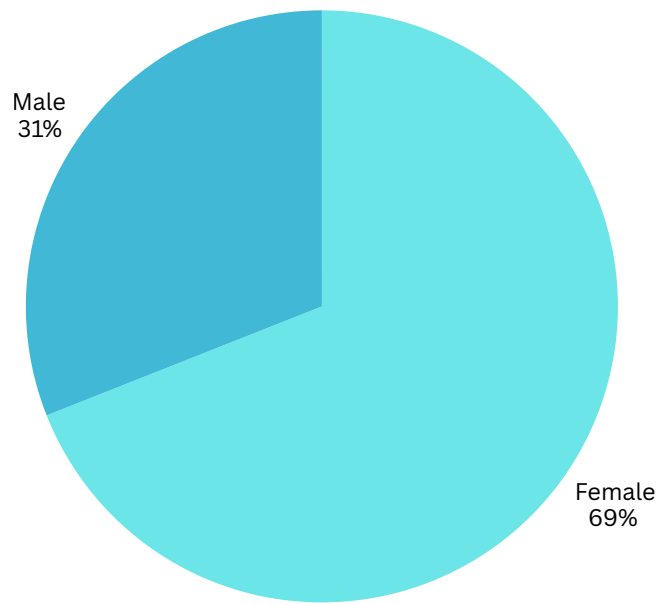
- Batch 1: 7 May – 4 June 2025
- Batch 2: 16 June – 14 July 2025
- Batch 3: 22 October – 1 November 2025
- Batch 4 & 5: 26 November - 05 December 2025
- Total Participants Trained: 96

Program highlights:

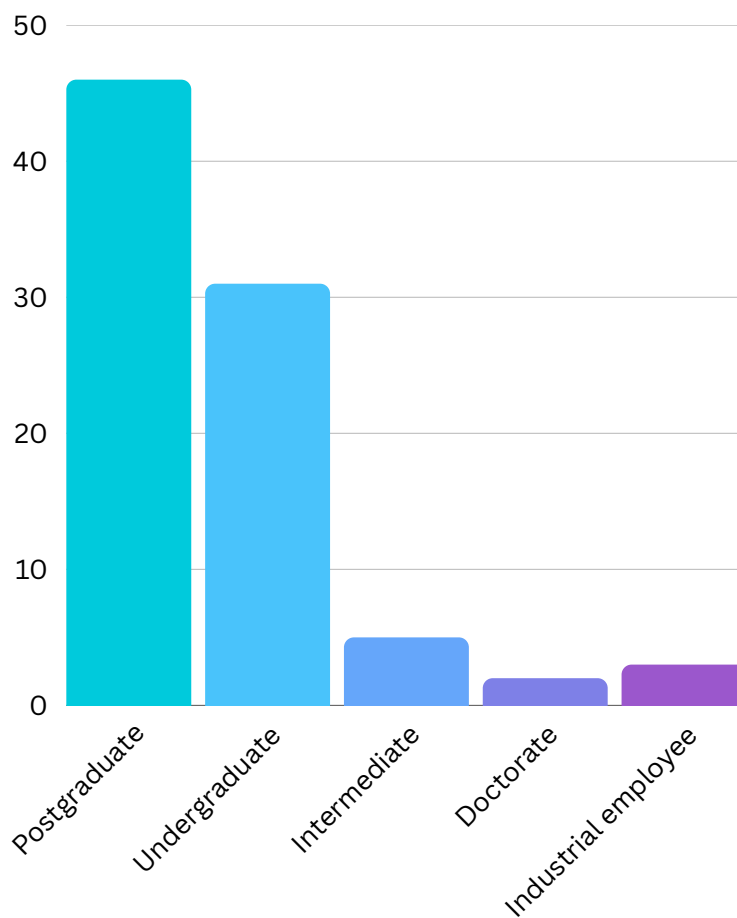
- More than 270+ hours of hands-on laboratory training and 30 hours of advanced theoretical sessions were delivered.
- Comprehensive modules covered Microbiology, Molecular Biology, Cell Culture Techniques, Experimental Design, and Soft Skills Development.
- Training was facilitated by eminent scientists, academic leaders, and industry professionals, ensuring high-quality exposure for participants.
- Participants undertook industrial and research visits to leading organizations, including: UMED Pharma, Huwel Life Sciences, YMC India, University of Hyderabad, ASPIRE-BioNEST, Spinco Biotech, Virchow Biotech, CSIR–Centre for Cellular & Molecular Biology (CCMB), Atal Incubation Centre–CCMB, and ICAR–Indian Institute of Rice Research.
- Students from the third batch also had an exclusive opportunity to attend the IKMC event of IKP Knowledge Park, further expanding their industry exposure.
- The program placed strong emphasis on career readiness, featuring sessions on CV development, professional communication, and Personal Branding.

CSR IMPACT

GENDER REPRESENTATION



ACADEMIC LEVEL DISTRIBUTION



CSR IMPACT

GEOGRAPHIC REACH



Demonstrating nationwide CSR impact in biotechnology skill development, particularly across South India

BIOTECH STALWART MENTORS



Prof. Pallu Reddanna

Senior Professor (Rtd.),
University of Hyderabad,
Executive President, FABA



Prof. S Dayananda

Professor (Rtd.), University of
Hyderabad



Prof. A R Reddy

Former VC, Yogi Vemana
University, Emeritus Professor,
ABF



Prof. Pakki Reddy

Professor, Director, Agri Biotech
Foundation



Dr. Nurpur Soni

Director R&D, Informatics,
Amgen



Dr. U V Reddy

Director, UMED Pharma



Dr. Hari Rao

BSL-3 Advisor, University of
Hyderabad



Prof. Sharmishtha Banerjee

Biochemistry and Molecular
Biology, University of Hyderabad



Dr. Bala Reddy

Founder, Provis Biolabs



Mr. VVNR Murthy

Lead HR business partner,
Human resources,
Dr. Reddy's Laboratories Ltd.



Dr. M C Muthiah

Vice President HR, Indian
Immunologicals Limited



Dr. Viswanadham Duppatla

Vice President,
IKP Knowledge Park

BIOTECH STALWART MENTORS



Prof. M V Rajam

Retd Professor, Delhi University.



Prof. S Triveni

Professor and Head, Dept. of Agricultural Microbiology and Bioenergy, PJTS Agri University



Dr. Swetha Kamireddy

Assistant General Manager, Biological E Limited



Dr. JaganmohanReddy

Founder & CEO, UR Advanced Therapeutics



Dr. Nageswara Rao

Co-founder & CSO, Bycus Therapeutics



Dr. Madhuri Subbaiah

Scientist-E, National Institute of Animal Biotechnology (NIAB)



Dr. Anil Kumar Pasupulati

Associate Professor Dept. Biochemistry, SLS, University of Hyderabad



Dr. Ragonadha Rao

Professor of Medical Oncology, MNJ Cancer Hospital



Dr. V Sasidhar Manda

Chief Scientific Officer, Apollo Hospital Education and Research, Hyderabad



Dr. Divya Sriram

Co-Founder & CEO, D-NOME



Dr. Pratiksha Palahe

Project Lead, HiMedia Laboratories



Gayathri Arumugam

Founder, TalentSurabhi

BIOTECH STALWART MENTORS



Dr Varaprasad Reddy

Founder,
Shantha Biotechnics



Dr Srivari Chandrasekhar

Former Director - Indian
Institute of Chemical
Technology (IICT)



Dushyant Singh Baghel

CEO, Nucleome Informatics



Dr Srinivas Vudathala

Co-Founder and Director -
GeneInsight Informatics



Dr. Gautam Das

Director - Science at
Chromosome Labs.



Dr Arunasree Kalle

Associate Professor,
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Associate Professor Dept.
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President,
Agri Biotech Foundation



Dr. Y.G. Prasad

Director,
Agri Biotech Foundation



Dr Farhan Ahmed

Assistant Professor,
GITAM University



Dr. Gargi Deshmukh

Scientist-in-charge,
Genome foundationn

FACULTY & TRAINERS

Program Leadership



Prof. M V Jagannadham - Program Manager,
Former Chief Scientist, CSIR-CCMB
Expertise: Mass spectrometry, protein chemistry and proteomics

Core Faculty Team



Dr Srinivas Duvvada - Scientific Officer,
University of Hyderabad
Specialization: Microbiology, analytical techniques



Dr Govind- Scientific Officer,
University of Hyderabad
Specialization: Microbiology, analytical techniques



Dr Mabu Subhan - Scientific Officer,
University of Hyderabad
Specialization: Advanced cell culture, microscopy

FACULTY & TRAINERS



Dr. M Gopala Krishna
Research Scientist, Agri Biotech Foundation
Specialization: Molecular Biology, cloning,
PCR techniques



Dr. Bukke Kutti Bai
Research Scientist, Agri Biotech Foundation
Specialization: Molecular Biology



Ms Manasa Nellaturu
Young Professional, Agri Biotech Foundation
Specialization:: Protein purification, chromatography



Ms Vaishnavi Lakshmi Bajjuri
Young Professional, Agri Biotech Foundation
Specialization: Cell culture, quality control

FABA TEAM



Dr Jagadeesh Gandla - Chief Operating Officer



Dr T N G Sharma - Consultant



Ms Divya Telidevara - Manager



Ms Hema shree - Associate Manager

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Inauguration



Dr K Anand Kumar, MD, Indian Immunologicals (IIL) and FABa executive members, has gracefully inaugurated the FABa Finishing School and distributed laboratory manuals to all the participants.

Into the labs of “Finishing School”



Participants gained real-world experience in advanced laboratory techniques, working in simulated biotech lab environments that emphasize precision, documentation, safety, and teamwork.

Into the labs of “Finishing School”



In microbiology and molecular biology labs, participants developed core competencies in **bacterial streaking, plating, microbial diversity assessment, and aseptic techniques**. Training extended to analytical instrumentation such as spectrophotometry, chromatography, and HPLC, enhancing their ability **to conduct molecular analysis**. Key workflows included **plasmid isolation, restriction digestion, ligation, transformation, and PCR, alongside gel electrophoresis for nucleic acid visualization**.

Into the labs of “Finishing School”



The cell culture module offered immersive experience in handling both **adherent and suspension cell lines** under sterile conditions. Participants worked in biosafety cabinets, learning **media preparation, cell passaging, cryopreservation, and viability assessment** using manual hemocytometers and automated systems. Techniques like **MTT assays for metabolic activity and flow cytometry for immunophenotyping and cell cycle analysis** helped build analytical depth and confidence in cell-based experimentation.

Into the labs of “Finishing School”



FABA Finishing School equips participants with the technical expertise, critical thinking, and ethical grounding needed to excel in modern biotechnology roles—making it a **vital launchpad for careers in research, diagnostics, and biopharma industries**

Scientific Weekdays with eminent Biotech stalwarts

One of the most captivating elements of the program was the **inspiring series of guest lectures delivered by a diverse panel of industrial leaders, seasoned R&D professionals, and renowned academic scientists**. These sessions went far beyond traditional knowledge-sharing, they offered a rare glimpse into the real-world journeys of experts who had successfully **navigated the path from academic research to industrial innovation**. Their stories, filled with perseverance, challenges, and breakthrough moments, deeply resonated with participants, igniting both aspiration and clarity in career planning.

The **interactive Q&A sessions** that followed after each lecture proved to be intellectual hotspots, encouraging participants to dive deeper into subject matter, question conventional thinking, and refine their scientific reasoning. These discussions played a vital role in nurturing analytical skills, encouraging curiosity, and shaping an industry-aware mindset.

This program cultivated a thriving **ecosystem of networking and collaboration**. Participants had numerous opportunities to connect with peers and mentors from various sectors, sparking conversations that extended into potential collaborations, mentorships, and long-term professional relationships.

These sessions were a **catalyst for personal and professional transformation**. By combining hands-on scientific learning, industry engagement, and motivational mentorship, it equipped participants with the competence, confidence, and clarity that is needed to **bridge the gap between academic pursuits and industrial careers in biotechnology**.

Scientific Weekdays with eminent Biotech stalwarts



Prof. Pallu Reddanna, Executive President, FABIA, interacting with Participants on Drug Discovery and Development



Prof. Dayananda, Professor (Rtd.), UOH explaining about fundamentals of Microbiology



Prof. Sharmistha, Asst. Professor, UOH explaining the advancements in Microbiology



Miss Gargi Deshmukh, Scientist in-Charge, Genome foundation explaining the concepts of Genomics



Dr. Anil Pasupuleti, Associate Professor, UOH explaining the concepts of molecular biology

Scientific Weekdays with eminent Biotech stalwarts



Dr Ragunadha rao ,Professor,Medical Oncology, MNJCancer Hospital explaining about Cancer Biology



Dr Bala Reddy, Founder, Provis Biolabs explaining the concepts of Biotechnology



Prof AR Reddy, Former VC, Yogi Vemana University explaining the concepts of Plant Biotechnology



Dr Madhuri Subbaiah, Scientist E, NIAB explaining the concepts of Virology



Dr Swetha Kamireddy, Asst. General Manager, Biological E explaining the concepts of Plant Biotechnology



Dr Hari Rao, BSL-3, University of Hyderabad explaining the concepts of Bio Safety Levels

Strategic Saturdays

Strategic Saturdays at the FABA Finishing School emerged as a transformative cornerstone of the program, placing a spotlight on one of the most crucial yet often overlooked aspects of career success: **soft skills and professional networking**.

These sessions were thoughtfully curated to provide practical, experience-based learning in essential areas such as **public speaking, resume writing, interview preparation, interpersonal communication, and teamwork**. Led by a mix of seasoned mentors, HR professionals, and guest industry leaders, the workshops involved engaging formats including **group discussions, role-play simulations, and interactive activities** designed to push participants out of their comfort zones and into confident self-expression. Special focus was given to career development strategies, laboratory notebook maintenance, and the use of AI tools for CV building and personal branding, skills that directly align with the expectations of both academic institutions and corporate recruiters.



Dr Muthaiah, Vice President HR, IIL discussing with participants on unpacking SMART goals and Workplace integrity

Strategic Saturdays



Mr VVNRC Murthy, Lead HR Business partner, Dr Reddys Laboratories interacting with Participants on Industry trends and expectations



Dr Jagadeesh Gandla, COO, FABA training participants on CV structuring and Personal Branding



Dr Raga Deepti Ediga, Founder, For her Wellbeing educating participants on Modern lifestyle Impacts and Holistic well being

Strategic Saturdays



Dr Viswanadham duppatla, Vice President, IKP Knowledge Park discussing with participants on aligning career interests and assignments

These sessions didn't just teach "how" to communicate—they emphasized "why" it matters. From cultivating professional relationships to navigating interviews with poise, **these learnings were immediately applicable and highly impactful.** One participant aptly described soft skills as "**the oil that greases the wheels of career success,**" a metaphor that captures the essential yet supportive nature of these capabilities.

Participants expressed increased confidence in their communication abilities, deeper understanding of interpersonal and social skills, and newfound clarity in setting and pursuing career goals. Strategic Saturdays effectively **bridged the gap between scientific training and workplace readiness, ensuring that participants not only become competent researchers but also well-rounded professionals** ready to thrive in interdisciplinary environments

Strategic Saturdays



Featuring Class picture with Dr U V Reddy, Director, UMED Pharma and Mr VVNRC Murty, Lead HR Business partner, Dr Reddys Laboratories



Featuring Roundtable discussion discussion on employability in Biotech and pharma industries by Dr Ratnakar, President, Innominds, Dr Nupur soni, Director R&D, Informatics, Amgen, Mr kanakesh Pyla, Vice President - Global Account Management, Innominds, Mr Sankara Rao Gandham, DGM - Training, QA Systems & Compliance, Biological E.

Visit to University of Hyderabad & ASPIRE Incubation Centre



"I had an Opportunity to Visit Bio-NEST at School of Life Sciences University of Hyderabad as a part of Finishing School training program by Federation of Asian Biotech Associations (FABA). We had a great talk by Nageswara Rao sir MD Bycus Therapeutics Ltd on Expression of Biopharmaceutical productions and Dr. Jagan delivered a highly engaging lecture on Cell Death Analysis. We had great insights on about ASPIRE incubation centre , its functions. That was much inspiring. Later we had a demonstration on flow cytometer by Thermofisher scientifics where we saw how the light scattering effects granularity of the molecules.then we visited various facilities and labs.Overall we had a highly productive and insightful day at Bio-NEST UoH, with engaging presentations and interactions."

-Rohita Undavalli

Visit to Umed Pharma



"I had the incredible opportunity to visit Umed Pharma Lab, where I explored cutting-edge chemical analysis facilities featuring UV, IR, ICP-MS, LC-MS, AAS, GC-MS, XRD, Documentation cell .Their microbiology, biopharma, and cell biology divisions showcased advanced sterilization, DNA sequencing, virology QC, and bioinformatics - all operating under strict data integrity principles to ensure reliable and traceable results."

-G Nikitha

Visit to Huwel Life Sciences



“As a part of FABA Finishing School training program. We had a great industrial visit to "Huwel Life Sciences Pvt Ltd" provided a unique opportunity to explore the company's innovative approaches to medical equipment manufacturing. A detailed lecture on RT-PCR (Real-Time Polymerase Chain Reaction) technology was presented, covering its principles, applications, and significance in molecular diagnostics. Received training in the lab to handle RT-PCR equipment where we learned to operate RT-PCR machine and its software, prepared samples, and analyzed the results.”

-Potu Sai Teja

Visit to YMC



“At YMC, I was introduced to the principles and practical aspects of chromatography, particularly how it is used for the purification and separation of biomolecules such as proteins, peptides, and monoclonal antibodies. The team demonstrated various techniques including Supercritical Fluid Chromatography, High-Performance Liquid Chromatography and Preparative Chromatography, while explaining how different resins and columns are selected based on molecule properties like size, charge, and hydrophobicity. This visit bridged the gap between textbook knowledge and industrial applications, and deepened my appreciation for the precision and complexity involved in bioprocessing. I'm thankful to FABA and IIL for organizing such an impactful visit, and to the team at YMC India for their warm hospitality and knowledge-sharing.”

-Gowri Krishna

Visit to ICAR - IIRR



“The visit to ICAR-IIRR was an inspiring experience, where Dr. Satendra K. Mangrauthia introduced us to their breakthrough “KAMALA” variety of Samba Mahsuri rice, developed using CRISPR-Cas12a genome editing. This variety offers higher yield, early flowering, stronger roots, and better nutrient efficiency. A lab tour showcasing plant tissue culture facilities, along with engaging interactions with PhD scholars, made the visit both informative and memorable.”

Akhila Krishnan

Visit to Spinco Biotech



"As part of the FABA Finishing School industrial visits, our experience at Spinco Biotech was truly insightful. We gained hands-on exposure to advanced analytical instruments and techniques like HPLC, UHPLC, LC-MS/MS, GC-MS, and various mass spectrometry ionization and detection methods. The visit bridged theory and industry applications, deepening our understanding of research tools critical to biotechnology, diagnostics, and next-generation sequencing. The practical training and expert guidance from the Spinco team made it a highly enriching and impactful learning experience."

- Syed Zohaib Ali

Visit to Virchow Biotech



“As part of the FABA Finishing School Program, I had the incredible opportunity to visit Virchow Biotech and Promea Therapeutics on 5th July. At Virchow Biotech, touring their large-scale facility offered firsthand insight into industrial-scale mAb production and GMP practices. At Promea Therapeutics, we explored diverse innovations—from diagnostic kit development and LVP production to molecular biology research and clinical trial operations at Biogenicos. Interacting with R&D and manufacturing teams highlighted the full translational journey from lab to clinic, making this visit a truly inspiring and educational experience.”

- Mehvish Fathima

Visit to CSIR - CCMB & AIC - CCMB



“As part of the FABA Finishing School, visiting CSIR-CCMB and AIC-CCMB was a truly enriching experience. We explored cutting-edge research in genomics, proteomics, and model organism studies, including DNA sequencing technologies like Sanger and NGS, and their applications in precision medicine. A lecture by Dr. A.S. Sreedhar deepened our understanding of heat shock proteins in biology and medicine. At AIC-CCMB, we witnessed how biotech startups are nurtured through infrastructure, mentorship, and translational support. Highlights included learning about Drosophila models for neurodevelopmental disorders and discovering the “Back to the Future” virtual lab series on 3D bioprinting and organ-on-chip technologies. This visit offered a perfect blend of research, innovation, and entrepreneurial insight.”

- Yamini Iyetha

Visit to IKP's International Knowledge Millennium Conference IKMC- 2025, Hitech Center



“Attending the International Knowledge Millennium Conference (IKMC) was an enriching experience that offered valuable insights into innovation and entrepreneurship. The interaction with Dr. Deepanwita Chattopadhyay, Chairman and CEO of IKP Knowledge Park, highlighted the importance of startups and encouraged students to become job creators. The visit to IKP Knowledge Park further demonstrated how innovative ideas are transformed into real-world ventures, making the program both informative and inspiring.”

-Prem kumar.

BATCH I



Foundations in Microbiology, Molecular Biology, Cell culture and Soft Skills, 7 May – 4 June 2025

*"The program provided **exceptional practical experience** with real-life applications, informative sessions, and comprehensive soft skills development - exactly what I needed to transition my research background into industry-ready capabilities."*

-R.Durga Harika

*"An invaluable opportunity to interact with knowledgeable professionals and **bridge the gap between industrial applications and academic theory**. The program significantly enhanced my theoretical, practical, soft skills."*

- Srushti Brahma

*"The **well-structured and thoughtfully planned program** introduced me to new dimensions of biotechnology, making the learning process both smooth and engaging."*

- Gowri Krishna

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BATCH II



Foundations in Microbiology, Molecular Biology, Cell culture and Soft Skills, 16 June – 14 July 2025

*‘For me, the FABA Finishing School wasn’t just about learning lab techniques, it gave me **clarity about my career path, boosted my confidence**, and opened doors to possibilities I hadn’t considered before. The mentorship, hands-on exposure, and connections I built here will stay with me far beyond this course.’*

- Syed Zohaib Ali

*“I’m fresh out of high school and really open to exploring new things. I also **love the idea of creating medicine**, hence got interested in the field and understanding how it works, that is why i got interested in biotechnology. I joined this course to get a better sense of the field and where I might fit in.”*

- Jahn timer Girish Ahankari

*"Mastered essential molecular techniques, cell culture maintenance, microbial analysis, and bioinformatics - building a **comprehensive foundation for advanced cancer research.**"*

- Lomada Pavan Kalyan Yadav

BATCH II PARTICIPANTS

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BATCH III



10 day Intensive training on Molecular Biology 22 October – 1 November 2025

“ The FABA Finishing School gave me valuable hands-on experience in cell culture techniques and **real-time exposure to the biotech research environment**. It deepened my interest in vaccine development, drug discovery, and forensic science. The program enhanced my ability to analyze and interpret scientific data, while also **building my understanding of industry standards**. It was **an excellent platform** to strengthen my communication, teamwork, and scientific writing skills.”

- Nida Mahveen

We were all feeling we are from well, **our college is located in such a suppressed area**. FABA Finishing School gave us the opportunity to **think beyond it**. we are very fortunate to attend this workshop. Faba Finishing School **boosted our confidence**. it gave transition in out lives like a plasmid transforms in experiment.

- Krishna Badavath

We had an incredible opportunity to interact with eminent professors, startup founders and CEOs. this **opportunity is not possible in my life anywhere else in this world**. this is possible only at FABA. a huge thanks to all my mentors who guided me very patiently and thoughtfully in every experiment.

- Prem kumar

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BATCH IV & V PARTICIPANTS



10 day Intensive training on Cell Culture, Genome editing and Soft Skills

26 November - 05 December 2025

A 10-day intensive workshop on **Foundations in Cell Culture and Soft Skills** was conducted under Batch 4 of the Finishing School program, with CSR support from Indian Immunologicals Limited (IIL) and facilitation by the Federation of Asian Biotech Associations (FABA), and collaboratively organized by the Sri Sathya Sai Institute of Higher Learning (**SSSIHL**) and **Thermo Fisher Scientific**. The hands-on training focused on **mammalian cell culture, analytical instrumentation, CRISPR-Cas9 gene editing workflows, and flow cytometry, complemented by structured sessions on soft skills and professional development**. The programme further emphasized advanced applications such as cytotoxicity assays, transfection technologies, molecular validation, immunophenotyping, and cell cycle analysis. This initiative provided a valuable opportunity, particularly for SSSIHL students, to gain **exposure to industry-relevant technologies and practices**, thereby effectively preparing them for careers in the biotechnology and biopharmaceutical sectors.

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FEEDBACK FROM PARTICIPANTS

"An invaluable opportunity to interact with knowledgeable professionals and bridge the gap between industrial applications and academic theory. The program significantly enhanced my theoretical, practical, soft skills."

- Srushti Brahma

"The program provided exceptional industry exposure and hands-on training that deepened my understanding of practical biotechnology applications."

- Nikitha G

"Mastered essential molecular techniques, cell culture maintenance, microbial analysis, and bioinformatics - building a comprehensive foundation for advanced cancer research."

- Lomada Pavan Kalyan Yadav

"The FABA course provided me with hands-on experience in cell culture, microbiology, and molecular biology, while offering valuable insights into industrial biotechnology. It played a key role in upskilling my technical knowledge and aligning my academic learning with real-world biotech applications."

- Isha Razil

"It helped me understand basic fundamentals of microbiology, Molecular Biology and cell culture. This course transformed my confidence, learning from top minds in life sciences. In a nutshell FABA course gave me more than skills, it gave me direction, mentors and the courage to dream bigger in life science."

- Hajra saba

CONCLUSION :

The FABA Finishing School has successfully delivered a structured, **industry-aligned skill development model for the life sciences** and biotechnology sectors through multiple batches conducted in collaboration with Indian Immunologicals Limited (IIL) and the Agri Biotech Foundation. Progressing from foundational training in microbiology, molecular biology, cell culture, and soft skills to an intensive, specialized cell culture program for students of the Sri Sathya Sai Institute of Higher Learning, the initiative reflects a responsive and outcomes-driven approach to capacity building.

Across the batches, **around 100 participants were trained through over 300 hours of advanced theoretical and hands-on laboratory instruction, supported by expert faculty and enriched through industry and research exposure visits.** The impact of the program is evident in the placement of several participants and in the growing interest from academic institutions and industry partners to replicate the Finishing School model.

We **sincerely thank Indian Immunologicals Limited (IIL) for its vital CSR support in enabling this initiative.** Given that the participants have been jointly trained under this collaborative program and are industry-ready, we respectfully request IIL **to consider Finishing School candidates for suitable opportunities within the organization.** We look forward to strengthen this partnership and continuing our shared commitment to build a skilled and future-ready biotechnology talent workforce.

GLIMPSES



*“There are four phases of life:
From 20 to 30 - develop yourself
30 to 40 - contribute to your company,
40 to 50 - advance your industry, After 50 - serve society.’
Stay passionate and grab every opportunity that comes your way,
especially when you are young !”*
Dr Anand Kumar, Director, IIL.



*“Idea of 'Finishing School' to cater to industry needs
Upskilling and reskilling industry professionals aiming for successful
'marriages' between industry and students.”*
Shri B P Acharya, IAS (Retd.)

GLIMPSES



*“Every youth must have entrepreneurial Insights.
you have to become a job providers than job seekers.
it is good to witness that Finishing School is promoting more such
excellent talents.”*

Dr Varaprasad Reddy , Founder, Shantha Biotechnics.



*“Aim to be Something big in life,
Life is full of Surprises and Grab every opportunities that comes in
your way. its also nice to witness that Finishing School classroom has
filled with more women in Sciences”*

Dr Srivari Chandrasekharan , Former Director CSIR - IICT.

Gallery





YOGA DAY CELEBRATION



Featuring Dr Jagadeesh Gandla, COO, FABA teaching Yoga to participants on the occasion of Yoga day, 2025.



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FEDERATION OF ASIAN
BIOTECH ASSOCIATIONS





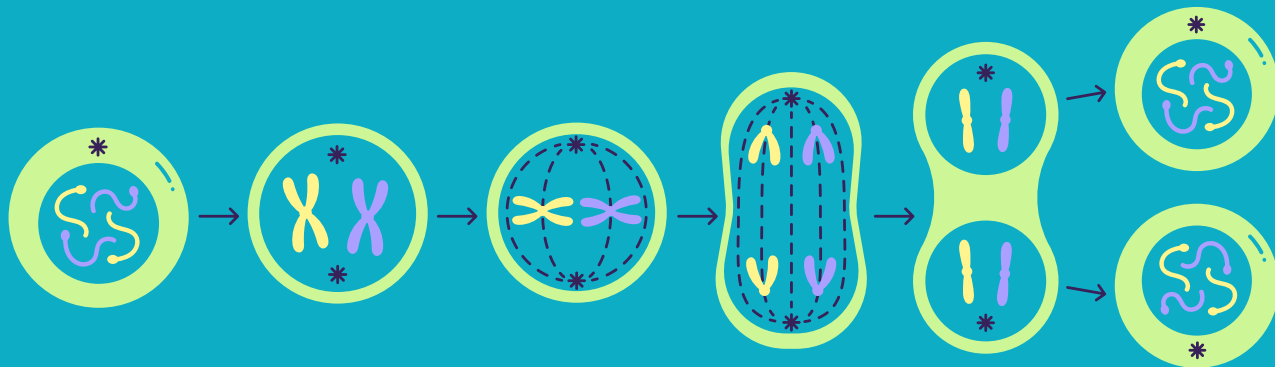
www.biofaba.org.in



www.indimmune.com



www.abfindia.org



REPORT ON FABBA FINISHING SCHOOL BATCH 7

15 MAY TO 15 JUNE 2026

BUILDING INDUSTRY-READY BIOTECHNOLOGY TALENT
THROUGH IIL CSR

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LEADERSHIP ADDRESS

Dear Industry Partners and Stakeholders,

It gives me immense pleasure to present FABA “Finishing School” - a comprehensive program designed to bridge the critical gap between academic learning and industry requirements in the life sciences sector.

Over the course, around 138 students over 7 batches have undergone rigorous training in microbiology, molecular biology, cell culture techniques, and essential soft skills. This program represents our commitment to producing industry-ready professionals who can contribute meaningfully from day one.

The students featured in this booklet are not just graduates of a training program - they are skilled professionals ready to drive innovation and excellence in India's growing biotechnology sector. Each profile represents hours of hands-on laboratory experience, theoretical mastery, and professional development.

We thank Indian Immunologicals Limited and Dr Anand Kumar for their sponsorship and constant support in shaping the talents of biotech ecosystem and also consider these exceptional individuals for opportunities within your organizations.

Prof. Pallu Reddanna
Senior Professor (Rtd.), University of Hyderabad
Executive President, FABA

INTRODUCTION

The Federation of Asian Biotech Associations (FABA), in collaboration with Indian Immunologicals Limited (IIL) and the Agri Biotech Foundation, successfully conducted Four batches of the FABA Finishing School. The first two batches were offered under the theme “Foundations in Microbiology, Molecular Biology, Cell Culture & Soft Skills,” and the third batch delivered a 10-day intensive training in Molecular Biology and Soft Skills. All three programs were hosted at the Agri Biotech Foundation, Hyderabad. Batch 4 & 5 had an comprehensive training on cell culture exclusively for the students of Sri Sathya institute of higher learning, puttaparthi.

Training Batches Conducted:

- Batch 1: 7 May – 4 June 2025
- Batch 2: 16 June – 14 July 2025
- Batch 3: 22 October – 1 November 2025
- Batch 4 & 5: 26 November – 05 December 2025
- Batch 6: 19 January – 21 February 2026
- Batch 7: 15 May – 15 June
- Total Participants Trained: 138

Program highlights:

- More than 270+ hours of hands-on laboratory training and 30 hours of advanced theoretical sessions were delivered.
- Comprehensive modules covered Microbiology, Molecular Biology, Cell Culture Techniques, Experimental Design, and Soft Skills Development.
- Training was facilitated by eminent scientists, academic leaders, and industry professionals, ensuring high-quality exposure for participants.
- Participants undertook industrial and research visits to leading organizations, including: University of Hyderabad, ASPIRE-BioNEST, Indian Immunologicals IIL, Biological E, ICHOR Biologics.
- The program placed strong emphasis on career readiness, featuring sessions on CV development, professional communication, and Personal Branding.

FABA TEAM



Prof. Pallu Reddanna
Executive President, FABA



Dr. Suresh Pothani
Vice president
Head (Retd.),
ICMR-NARFBR



Dr. Ratnakar Palakodeti
Secretary general
President, Innominds



Dr. Srinivas Maddi
Treasurer
Founder & CEO,
Acubiosys



Dr. Uday Saxena
Executive Secretary
Co-founder,
Reagene Biosciences



Dr. Jagadeesh Gandla
Chief Operating Officer*
*stepped down on 15th May
2026



Dr. TNG Sharma
Manager Principal Officer



Ms. Divya Telidevara
Manager

FACULTY & TRAINERS

Program Leadership



Prof. M V Jagannadham - Program Manager,
Former Chief Scientist, CSIR-CCMB
Expertise: Mass spectrometry, protein chemistry and proteomics

Core Faculty Team



Dr Govind- Scientific Officer,
University of Hyderabad
Specialization: Microbiology,
analytical techniques



Dr Mabu Subhan - Scientific Officer,
University of Hyderabad
Specialization: Advanced cell culture,
microscopy



Dr.Harish Dubey,
Resource Person
University of Hyderabad
Specialization: Molecular
Biology,
Microbiology



Ms.Mahima Kalyanam
Program Executive
FABA



Ms.Navya Dasika
Program Associate
FABA

INAUGURATION



Dr Suresh Pothani Vice President Head (Retd.), ICMR-NARFBR has gracefully inaugurated the FABA Finishing School and distributed laboratory manuals to all the participants.

Into the labs of “Finishing School”



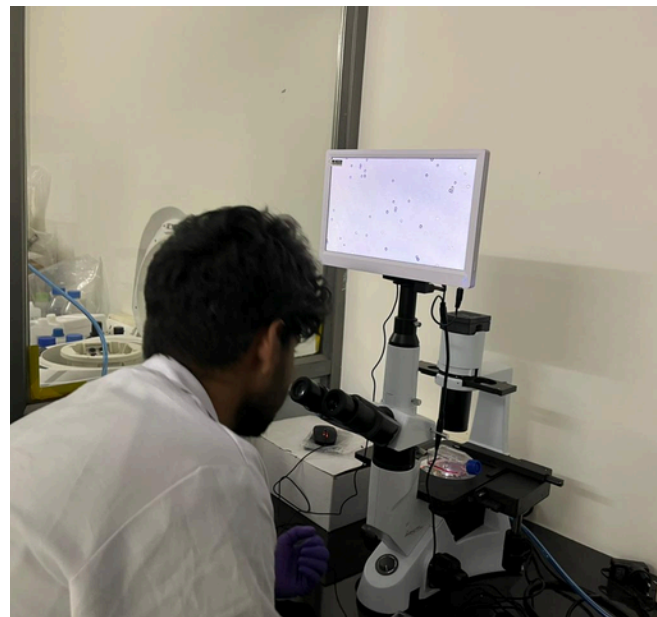
Participants gained real-world experience in advanced laboratory techniques, working in simulated biotech lab environments that emphasize precision, documentation, safety, and teamwork.

Into the labs of “Finishing School”



In microbiology and molecular biology labs, participants developed core competencies in **bacterial streaking, plating, microbial diversity assessment, and aseptic techniques**. Training extended to analytical instrumentation such as spectrophotometry, chromatography, and HPLC, enhancing their ability to **conduct molecular analysis**. Key workflows included **plasmid isolation, restriction digestion, ligation, transformation, and PCR, alongside gel electrophoresis for nucleic acid visualization**.

Into the labs of “Finishing School”



The cell culture module offered immersive experience in handling both **adherent and suspension cell lines** under sterile conditions. Participants worked in biosafety cabinets, learning **media preparation, cell passaging, cryopreservation, and viability assessment** using manual hemocytometers and automated systems. Techniques like **MTT assays for metabolic activity and flow cytometry for immunophenotyping and cell cycle analysis** helped build analytical depth and confidence in cell-based experimentation.

Scientific Weekdays with eminent Biotech stalwarts

One of the program's standout features was a compelling series of guest lectures delivered by a broad **cross-section of industry leaders**, experienced R&D experts, and distinguished academic scientists. Rather than simply presenting information, these talks offered rare, candid views into real-world career trajectories from **academic research to industrial innovation**. Their accounts of persistence, setbacks, and key breakthroughs struck a chord with attendees and helped clarify career goals.

The interactive Q&A sessions that followed each talk became lively centers of intellectual exchange, prompting participants to probe topics more deeply, challenge assumptions, and sharpen their scientific reasoning. These discussions significantly contributed to developing analytical thinking, fostering curiosity, and cultivating an industry-focused perspective.

The program also fostered a dynamic environment for networking and collaboration. Attendees had multiple opportunities to engage with peers and mentors across sectors, initiating conversations that often evolved into collaboration prospects, mentorship connections, and longer-term professional relationships.

Together, these elements drove meaningful **personal and professional growth**. By integrating hands-on scientific training, direct **industry engagement**, and inspirational mentoring, the program provided participants with the skills, confidence, and direction needed to transition from academic study to careers in the biotechnology industry.

Scientific Weekdays with eminent Biotech stalwarts



Dr.MV Jagannadham explaining about Analytical tools in Biology and Chromatography



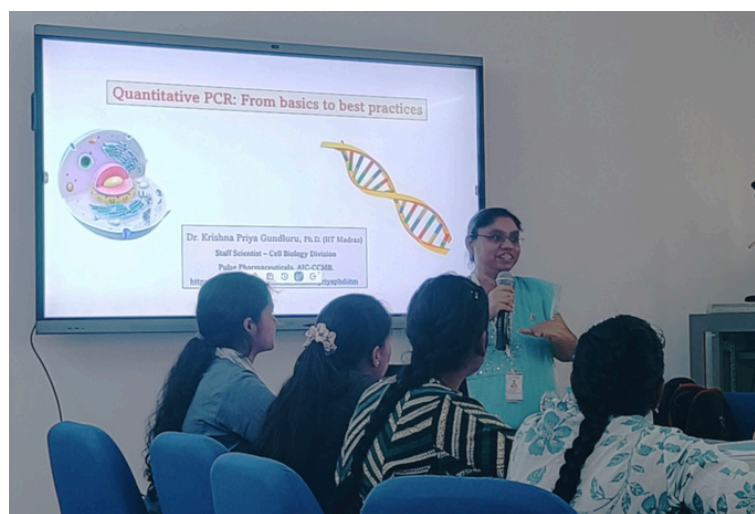
Dr. Shashivardhan kalivendi from IICT, speaking about Role of mitochondria and alpha synuclein in the mechanisms mediating Parkinson's disease



Lecture by Dr.Sandhya Annamaneni on Molecular Biology Techniques and Applications



Dr Anil Pasupuleti, Associate Professor, UOH explaining the concepts of molecular biology



Dr. G Krishnapriya, Staff Scientist CCMB spoke on Real Time PCR and it's applications , CAR-T cell therapy.

Scientific Weekdays with eminent Biotech stalwarts



Dr Ranjan Chakrabarti Ex-VP-US Pharmacopeia explaining about Biologics and Biosimilars



Dr Sonu Gandhi from NIAB explaining practical aspects of cell culture



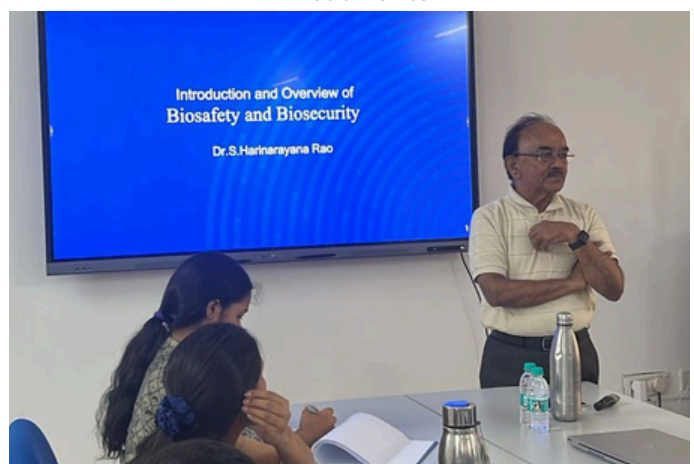
Prof AR Reddy, Former VC, Yogi Vemana University explaining the concepts of Plant Biotechnology



Dr.Ravi Kiran, Founder, Principal Scientist ,(TCABS-E) spoke about Challenges & Advancements in COVID-19 Treatments



Talk by Dr.Mangai Periasamy about the impact of Biotechnology on Real world



Dr Hari Rao, BSL-3, University of Hyderabad explaining the concepts of Bio Safety Levels

Strategic Saturdays

Strategic Saturdays at the FABA Finishing School emerged as a transformative cornerstone of the program, placing a spotlight on one of the most crucial yet often overlooked aspects of career success: **soft skills and professional networking**.

These sessions were thoughtfully curated to provide practical, experience-based learning in essential areas such as **public speaking, resume writing, interview preparation, interpersonal communication, and teamwork**. Led by a mix of seasoned mentors, HR professionals, and guest industry leaders, the workshops involved engaging formats including **group discussions, role-play simulations, and interactive activities** designed to push participants out of their comfort zones and into confident self-expression. Special focus was given to career development strategies, laboratory notebook maintenance, and the use of AI tools for CV building and personal branding, skills that directly align with the expectations of both academic institutions and corporate recruiters.



Soft Skills Session by Dr.Jagadeesh Gandla
Program Director at IIT Bombay

Strategic Saturdays



Talk by Mr. Dusmanta Sahoo on industry preparedness for students to crack interviews



Dr Jagadeesh Gandla, COO, FABA training participants on CV structuring and Personal Branding



Dr Ratnakar Sathapathy from Ferring Pharmaceuticals sharing his knowledge on "The Emerging Trends and Imperatives in Pharmaceutical Industry" Quality and Compliance

Strategic Saturdays



Mr.Sankara Rao Gandham, DGM - Training, QA Systems & Compliance, Biological E. discussing with participants about Quality policy- GMP and SISQP and Principles of GMP

The sessions went beyond teaching communication techniques—they highlighted why **effective communication is important**. By focusing on building professional relationships and handling interviews with confidence, the lessons proved immediately useful and highly influential.

Attendees reported **greater confidence** in their communication, a stronger grasp of interpersonal and social abilities, and clearer direction for their career objectives. Strategic **Saturdays successfully closed the gap between scientific training and workplace preparedness**, helping participants grow into not only capable researchers but also well-rounded professionals equipped to succeed in interdisciplinary settings.

Strategic Saturdays



Dr Anjana Paty, Sanofi , Head of Quality explaining the requirements for Lab to Corporate world transition

Dr.Suresh Poosala Founder, Acasta Health Pvt Ltd. explaining about stem cells



Mr.Vinod Krishnan Director and CEO of 104°CoE interacting with students

VISITS TO INSTITUTES & INDUSTRIES

Visit to University of Hyderabad & ASPIRE Incubation Centre



“The visit to Bionest was quite different from the other visits. It was nice to learn about startups, innovation, and how new ideas are supported in the biotech field. Overall, it was an engaging session and gave me a new perspective on biotechnology.”

-Shriya

“The visit to Bionest felt comparatively average in terms of learning opportunities and was quite hectic due to the schedule and travel. Despite this, the overall industrial visit experience was beneficial and contributed to our understanding of the biotech industry.”

-Honey Kumari

Visit to Indian Immunologicals [IIL]



"The visit to Indian Immunologicals Limited (IIL) was highly informative and provided valuable insights into vaccine manufacturing, quality control processes, and industrial biotechnology practices. Observing the facilities and learning about the company's contribution to public health helped me understand the practical applications of biotechnology in the healthcare sector. The experience enhanced my knowledge of industrial operations and strengthened my interest in biotechnology and vaccine research."

--Ritu

"The visit to Indian Immunologicals Limited gave me a clearer picture of how biotechnology is applied outside the classroom."

-Soumyasanta Padhi

Visit to Biological E



"The visit to Biological E. helped me understand large-scale vaccine and biopharmaceutical manufacturing processes, quality control procedures."

-Om Patel

"At Biological E, we learned about vaccine production, quality control procedures, and large-scale biopharmaceutical manufacturing."

-Alfa Ipsa Sahu

"Visiting Biological E was one of the highlights of my FABA internship. It helped me connect classroom knowledge with real-world biotechnology applications and gain insight into the biotech industry."

-Shriya Sunayna Nayak

Visit to ICHOR Biologics



“The visit to ICHOR Biologics provided valuable exposure to industrial biotechnology practices and enhanced my technical understanding through interaction with professionals and observation of advanced laboratory facilities.”

-Priyanka Pattnaik

“The visit to ICHOR Biologics offered meaningful insights into biotechnology industry operations, scientific workflows, and practical applications of life science research.”

-Binoya Panigrahi

“The visit to ICHOR Biologics provided practical exposure to industrial biotechnology processes and helped bridge the gap between academic learning and industry applications.”

-Amlan Patel

VALEDICTORY



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FEEDBACK FROM PARTICIPANTS

“I am grateful for the opportunity to participate in this one-month internship program. The experience was highly informative and helped me gain both theoretical knowledge and practical laboratory skills.”

-Om patel

“Throughout the internship, I gained hands-on experience in various laboratory techniques, including molecular biology, microbiology, and cell culture. I performed experiments such as DNA/RNA handling, PCR-related procedures, microbial culturing and analysis, aseptic techniques, and basic cell culture practices and over all I enjoyed my one month intership at FABA.”

-Sayad Abdul Khasim

“The industry visits provided valuable exposure to real-world biotechnology applications and industrial processes. They helped me understand how biotechnology concepts are applied in professional settings and broadened my knowledge of the biotech industries.”

-Rohan Kumar Panigrahi

“The one-month internship at FABA was a very informative and valuable experience. The sessions and talks were clear and interactive, helping us gain practical knowledge of biotechnology and laboratory techniques. The hands-on lab work improved our understanding of experimental procedures and equipment handling. Overall, the internship was well-organized, educational, and greatly enhanced our learning experience.”

-Trupti Rana

CONCLUSION :

The FABA Finishing School has successfully delivered a structured, **industry-aligned skill development model for the life sciences** and biotechnology sectors through multiple batches conducted in collaboration with Indian Immunologicals Limited (IIL) and the Agri Biotech Foundation. Progressing from foundational training in microbiology, molecular biology, cell culture, and soft skills to an intensive, specialized cell culture program for students of the Sri Sathya Sai Institute of Higher Learning, the initiative reflects a responsive and outcomes-driven approach to capacity building.

Across the batches, **around 150 participants were trained through over hours of advanced theoretical and hands-on laboratory instruction, supported by expert faculty and enriched through industry and research exposure visits.** The impact of the program is evident in the placement of several participants and in the growing interest from academic institutions and industry partners to replicate the Finishing School model.

We **sincerely thank Indian Immunologicals Limited (IIL) for its vital CSR support in enabling this initiative.** Given that the participants have been jointly trained under this collaborative program and are industry-ready, we respectfully request IIL **to consider Finishing School candidates for suitable opportunities within the organization.** We look forward to strengthen this partnership and continuing our shared commitment to build a skilled and future-ready biotechnology talent workforce.

GALLERY



Group picture by
Dushmanta Sahoo
from Dr.Reddy Labs

Interactive engagement
of students by Mr.Vinod
Krishnan Director and
CEO 104°COE



Group picture with
Dr.Murali Bhashyam
from CDFD





Talk by Dr.Murali Bhashyam from CDFD



Talk by Dr.Savita Devi from IIT Hyderabad



Student performing streak plate technique



Group photo with D-Nome team



Ware house and packaging unit tour at IIL

Glimpses from Valedictory Session



CONCLUDING SPEECH BY DR.D YOGESWARA RAO



Today, as I congratulate each one of you on successfully completing the Finishing School Programme, I would like to remind you that success is built on much more than academic knowledge alone. In today's rapidly changing world, I believe continuous learning, effective communication, strong character, perseverance, and a positive attitude are essential for growth and achievement.

I encourage you to embrace lifelong learning and remain curious, adaptable, and open to new opportunities. There will be challenges along the way, but I urge you to face them with resilience and determination. Build meaningful relationships, learn from those around you, and create networks that will support your personal and professional journey.

Most importantly, I encourage you to think beyond becoming job seekers. Strive to become innovators, problem-solvers, and job creators who contribute positively to society. Believe in your potential, stay committed to your goals, and never stop pursuing excellence. I wish you all great success and fulfillment in the journey ahead.

"Keep learning, maintain integrity, communicate well, and approach life with a positive attitude, these qualities are the foundation of lasting success."



Empowering talent.
Enabling careers.
Inspiring excellence