

## Telangana State Council of Science & Technology (TSCOST)

### Skill Vigyan Program - (DBT) Training of Trainers (ToT) Program

Telangana State Council of Science & Technology (TSCOST) initiated the 2<sup>nd</sup> year program of Skill vigyan initiative supported by Department of Biotechnology (DBT), Gol, by conducting the Training of Trainers (TOT) Program to all the Coordinators/ Principal Investigators of Grantee Institutes (NIPER, CCMB, PJTSAU, FCRI, CPMB, OU, JNTUH). In this connection, the TOT program was initiated at TSCOST, Aranya Bhavan, Hyderabad and it was 04 (Four) days Program arranged in offline mode, including the Industrial visits.

The objective of the program is to train the faculty in the area of life sciences and pharmaceutical sciences. Faculty are trained in so that these trainers can train the other faculty and students in their respective institutions.

Training of Trainers (ToT) was 4 days program conducted during November 1<sup>st</sup> to 4<sup>th</sup>, 2023. All the Principal Investigators of TSCOST-DBT skill vigyan Initiative were invited to attend the program along with their team of trainers. The methodology followed for conducting the program is through lecture sessions by experts in various fields of science and industry.

As earlier mentioned, Skill Vigyan initiative is a 3-years project supported by Department of Biotechnology (DBT), Gol, sanctioned to TSCOST. The Partner Institutes of this project are :

1. National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad
2. Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad
3. CSIR-Centre for Cellular and Molecular Biology (CCMB), Hyderabad
4. Centre for Plant Molecular Biology (CPMB), Osmania University, Hyderabad
5. Centre for Biotechnology, Institute of Science & Technology, Jawaharlal Nehru Technological University (JNTU), Hyderabad
6. Forest College and Research Institute (FCRI), Hyderabad

## Day-wise particulars of the TOT Program :

### Day 1 : 1<sup>st</sup> November, 2023

| Day 1            | Particulars   |
|------------------|---|
| 10:00 - 10:30 AM | Registration of Participants  |
| 10:30 - 11:00 AM | <u>Inaugural Session</u> <ul style="list-style-type: none"><li>- Welcome and Opening Remarks by Member Secretary, TSCOST</li><li>- Address by Dr. Ahmed Kamal, Consultant, TSCOST</li><li>- Introduction of Chief Guest -</li><li>- Keynote Address by Chief Guest Prof. Mrs. Vidyullatha, VC, Telangana Mahila University, Hyderabad</li></ul> |
| 11:00 - 11:45 AM | <u>Session 1 - Quality Control in Pharma Industry</u> <ul style="list-style-type: none"><li>- Speaker: Dr. M. V. Narendra Kumar Talluri</li><li>- Affiliation: Daicel Chiral Technologies (India) Pvt Ltd, IKP Knowledge Park, Shamirpet, Hyderabad.</li><li>- Presentation and Q&amp;A</li></ul>   |
| 11:45 - 12:00 PM | Tea Break   |
| 12:00 - 1:00 PM  | <u>Session 2 - Workshop on Animal Cell Culture</u> <ul style="list-style-type: none"><li>-Topic : Apoptosis Cancer Cell Signalling - Molecular Tools and Methods</li><li>-Speaker : Dr. Raghu Gogada</li><li>-Affiliation : Chief Scientific Officer, Scigene Bio Pvt Ltd, Hyd.</li><li>- Presentation and Q&amp;A</li></ul>                    |
| 1:00 - 2:00 PM   | Lunch Break   |
| 2:00 - 3:00 PM   | <u>Session 3 - Entrepreneurship Development Program</u> <ul style="list-style-type: none"><li>- Topic : IP Strategy for Entrepreneurs</li><li>- Speaker : Swapna Vanamali</li><li>- Affiliation : NiMSME Yousaufguda</li><li>- Presentation and Q&amp;A</li></ul>   |
| 3:00 - 4:00 PM   | <u>Session 4 - Hands-on Skill Development Training</u> <ul style="list-style-type: none"><li>- Topic : Advanced Area of Life Science and Biotechnology - Recombinant Molecular Expression Technologies</li><li>- Speaker : Dr. Anil Pasupulati, Assistant Professor, Hyderabad University</li><li>Q&amp;A Session</li></ul>                     |
| 4:00 PM          | <u>Day-1 Session Concluding Remarks</u> <ul style="list-style-type: none"><li>- Recap of the day's highlights</li><li>- Announcements for Day 2</li><li>- Acknowledgment of Speakers, Sponsors, and Participants</li><li>- Closing Remarks and Thank You</li></ul>  |







## Day 2 : 2<sup>nd</sup> November, 2023

| Day 2            | Particulars  |
|------------------|--|
| 10:30 - 11:00 AM | <u>Inaugural Session</u> <ul style="list-style-type: none"><li>- Welcome and Opening Remarks by Dr. Shanti &amp; Dr. Radhika</li><li>- Open Mic to the Participants</li></ul>  |
| 11:00 - 11:45 AM | <u>Session 1 - Basic Techniques in Genetics and Molecular Biology</u> <ul style="list-style-type: none"><li>- Speaker: Prof. Manjula Bhanoori</li><li>- Affiliation: HOD of Biochemistry OU</li><li>- Title: CRISPR-Cas9 Genome editing: Genesis and Applications</li><li>- Presentation and Q&amp;A</li></ul>   |
| 11:45 - 12:00 PM | Tea Break  |
| 12:00 - 1:00 PM  | <u>Session 2 - Workshop on Animal Cell Culture</u> <ul style="list-style-type: none"><li>- Speaker: Prof. Sandepta Burgula</li><li>- Affiliation: Director CFRD, HOD of Microbiology, OU Hyderabad</li><li>- Topic: Role of Haptoglobin in Molecular Pathogenesis of SEPSIS</li><li>- Presentation and Q&amp;A</li></ul>   |
| 1:00 - 2:00 PM   | Lunch Break  |
| 2:00 - 3:00 PM   | <u>Session 3 - Awareness on Intellectual property Rights</u> <ul style="list-style-type: none"><li>- Speaker: Subhajit Saha</li><li>- Affiliation: Legal head of resolute 4 IP, Begumpet</li><li>- Topic: Importance of IPR filing and best practices</li><li>- Presentation and Q&amp;A</li></ul>   |
| 3:00 - 4:00 PM   | <u>Session 4 - Workshop on Molecular Docking, Virtual Screening &amp; Computational Biology</u> <ul style="list-style-type: none"><li>- Speaker: Dr. Someshwar Sagurthi</li><li>- Topic: Bioinformatic applications in Advanced research</li><li>- Affiliation: Assistant Professor, Dept. of Biotechnology, OU</li><li>- Presentation and Q&amp;A Session</li></ul> |
| 4:00 PM          | <u>Day-2 Session Concluding Remarks</u> <ul style="list-style-type: none"><li>- Recap of the day's highlights</li><li>- Announcements for Day 3</li><li>- Acknowledgment of Speakers, Sponsors, and Participants</li><li>- Closing Remarks and Thank You</li></ul>   |







**Day 3 : 3<sup>rd</sup> November, 2023**

On day 3 of TOT program, Industrial visits was held with the participants and the TSCOST team visited to the Sai life Science Limited, Pharmaceutical Manufacturing, Gachibowli, Hyd., and Forest College and Research Institute (FCRI), Mulugu, Siddipet District and Curia Global Research Institute, Hyderabad.









## Day 4 : 4<sup>th</sup> November, 2023

| Day 4            | Particulars   |
|------------------|---|
| 10:30 - 11:00 AM | <u>Inaugural Session</u> <ul style="list-style-type: none"><li>- Welcome and Opening Remarks by Dr. Shanti &amp; Dr. Radhika</li><li>- Open Mic to the Participants</li></ul>   |
| 11:00 - 11:45 AM | <u>Session 1 - Quality Assurance in Pharma Industry</u> <ul style="list-style-type: none"><li>- Speaker: Mr. K. Raghavendra</li><li>- Affiliation: Head-QA, Formulations, GVK Biosciences Pvt. Ltd, Hyderabad</li><li>- Title: Good manufacturing Practices (GMP)</li></ul>   |
| 11:45 - 12:00 PM | Tea Break   |
| 12:00 - 1:00 PM  | <u>Session 2 - Biotechnological tools in crop improvement</u> <ul style="list-style-type: none"><li>- Speaker: Prof. B. Rama Devi</li><li>- Affiliation: HOD Dept. of Botany, Osmania University</li><li>- Topic: Plant tissue culture and its applications</li></ul>   |
| 1:00 - 1:30 PM   | <u>ToT Program Concluding Remarks</u> <ul style="list-style-type: none"><li>- Recap of the Program's Highlights</li><li>- Closing Remarks by Member Secretary &amp; Chief Guest</li><li>- Acknowledgment of Speakers and Participants</li><li>- Certificates distribution Ceremony - Felicitations of Participants &amp; Guest Speakers</li><li>- Final Thanks &amp; Program Closing announcement</li></ul> |
| 1:30 - 2:30 PM   | Lunch   |

















## List of Participants :

### Day1 :

| Sl. No.   | Name of the participants    | Name of the Institute | Contact No. |
|---|-----------------------------|-----------------------|-------------|
| <b>FACULTY TRAINING PROGRAM (FTP)</b>             |                             |                       |             |
| 1   | Dr. Lavanya Tayi            | CPMB, OU              | 8706092737  |
| 2   | Ms. Sai Charitha Mullaguri  | CPMB, OU              | 9032550505  |
| 3   | Dr. Ramakrishna Kancha      | CPMB, OU              | 7075047600  |
| 4   | Dr. Lakshmi Prasanna        | PJTSAU                | 9573316477  |
| 5   | Dr. SNCVL Pushpavalli       | PJTSAU                | 9052748970  |
| 6   | Dr. Ch. Anuradha            | PJTSAU                | 9866661350  |
| 7   | Dr. Leela Kumari            | CCMB                  | 9394824180  |
| 8   | Dr. Saloni Kakkar           | CCMB                  | 7837160549  |
| 9   | Dr. Archana B. Siva         | CCMB                  | 9441233939  |
| 10  | Dr. A. Uma                  | JNTUH                 | 9848120819  |
| 11  | Dr. K. Venkateswar Reddy    | JNTUH                 | 8977375801  |
| 12  | Dr Ch. Kalyanai             | JUTUH                 | 9949234486  |
| 13  | Dr. P. Ranjit               | JNTUH                 | 9985289499  |
| 14  | Dr. B. Venkanna             | JNTUH                 | 9505459857  |
| 15  | Dr. Biswajit Dey            | NIPER                 | 8981918034  |
| 16  | Ms. Esha Chatterjee         | NIPER                 | 8016114001  |
| 17  | Ms. Swathi Lakshmi          | NIPER                 | 9496196698  |
| 18  | Ms. Bhagyasri Patra         | NIPER                 | 6371591829  |
| 19  | Dr. Santosh K Guru          | NIPER                 | 8114747477  |
| 20  | Dr. K. Venkata Rao          | NIPER                 | 9779183370  |
| 21  | Ms. Vemula Divya            | NIPER                 | 6305359094  |
| 22  | Mr.Arbaz Sujait Shaik       | NIPER                 | 7507869848  |
| <b>STUDENT TRAINING PROGRAM (STP)</b>             |                             |                       |             |
| 23  | Mrs.Vijaya Madhyanapu Golla | NIPER                 | 7508076504  |
| 24  | Ms. Pilli Pushpa            | NIPER                 | 9963748875  |
| 25  | Ms. Nehal Bhatt             | NIPER                 | 7227838310  |
| 26  | Mr. HM Chandramouli         | NIPER                 | 9182095430  |
| 27  | Dr S Gananadham             | NIPER                 | 9866906386  |
| <b>ENTREPRENEURSHIP DEVELOPMENT PROGRAM (EDP)</b> |                             |                       |             |
| 28  | Dr. Md. Abdul Waseem        | FCRI                  | 7876531614  |
| 29  | Dr. Bochu Jeevan            | FCRI                  | 7032223597  |
| 30  | Mr. P. Rajasekhar           | FCRI                  | 8466871929  |
| 31  | Prof. M. Mamatha            | FCRI                  | 9885226957  |
| 32  | Ms. Dharipally Harini       | NIPER                 | 8247692649  |

**Day2 :**

| Sl. No.   | Name of the participants    | Name of the Institute | Contact No. |
|---|-----------------------------|-----------------------|-------------|
| <b>FACULTY TRAINING PROGRAM (FTP)</b>             |                             |                       |             |
| 1   | Dr. Lavanya Tayi            | CPMB, OU              | 8706092737  |
| 2   | Ms. Sai Charitha Mullaguri  | CPMB, OU              | 9032550505  |
| 3   | Dr. Ramakrishna Kancha      | CPMB, OU              | 7075047600  |
| 4   | Dr. Lakshmi Prasanna        | PJTSAU                | 9573316477  |
| 5   | Dr. SNCVL Pushpavalli       | PJTSAU                | 9052748970  |
| 6   | Dr. Ch. Anuradha            | PJTSAU                | 9866661350  |
| 7   | Dr. Leela Kumari            | CCMB                  | 9394824180  |
| 8   | Dr. Saloni Kakkar           | CCMB                  | 7837160549  |
| 9   | Dr. A. Uma                  | JNTUH                 | 9848120819  |
| 10  | Dr. K. Venkateswara Reddy   | JNTUH                 | 8977375801  |
| 11  | Dr Ch. Kalyanai             | JUTUH                 | 9949234486  |
| 12  | Dr. P. Ranjit               | JNTUH                 | 9985289499  |
| 13  | Dr. B. Venkanna             | JNTUH                 | 9505459857  |
| 14  | Dr. K. Venkata Rao          | NIPER                 | 9779183370  |
| 15  | Ms. Vemula Divya            | NIPER                 | 6305359094  |
| 16  | Mr.Arbaz Sujait Shaik       | NIPER                 | 7507869848  |
| <b>STUDENT TRAINING PROGRAM (STP)</b>             |                             |                       |             |
| 17  | Mrs.Vijaya Madhyanapu Golla | NIPER                 | 7508076504  |
| 18  | Ms. Pilli Pushpa            | NIPER                 | 9963748875  |
| 19  | Ms. Neehal Bhatt            | NIPER                 | 7227838310  |
| 20  | Mr. HM Chandramouli         | NIPER                 | 9182095430  |
| <b>ENTREPRENEURSHIP DEVELOPMENT PROGRAM (EDP)</b> |                             |                       |             |
| 21  | Dr. Md. Abdul Waseem        | FCRI                  | 7876531614  |
| 22  | Dr. Bochu Jeevan            | FCRI                  | 7032223597  |
| 23  | Mr. P. Rajasekhar           | FCRI                  | 8466871929  |
| 24  | Prof. M. Mamatha            | FCRI                  | 9885226957  |
| 25  | Ms. Dharipally Harini       | NIPER                 | 8247692649  |
| 26  | Dr. B Lakshmi               | NIPER                 | 9885154574  |

**Day3 :**

| Sl. No.   | Name of the participant      | Organization | Contact No. |
|---|------------------------------|--------------|-------------|
| <b>FACULTY TRAINING PROGRAM (FTP)</b>             |                              |              |             |
| 1   | Dr. Lavanya Tayi             | CPMB, OU     | 8706092737  |
| 2   | Ms. Sai Charitha Mullaguri   | CPMB, OU     | 9032550505  |
| 3   | Dr. Ramakrishna Kancha       | CPMB, OU     | 7075047600  |
| 4   | Dr. Lakshmi Prasanna         | PJTSAU       | 9573316477  |
| 5   | Dr. SNCVL Pushpavalli        | PJTSAU       | 9052748970  |
| 6   | Dr. Ch. Anuradha             | PJTSAU       | 9866661350  |
| 7   | Dr. A. Uma                   | JNTUH        | 9848120819  |
| 8   | Dr. P. Ranjit                | JNTUH        | 9985289499  |
| 9   | Dr. B. Venkanna              | JNTUH        | 9505459857  |
| <b>STUDENT TRAINING PROGRAM (STP)</b>             |                              |              |             |
| 10  | Mrs. Vijaya Madhyanapu Golla | NIPER        | 7508076504  |
| 11  | Ms. Pilli Pushpa             | NIPER        | 9963748875  |
| 12  | Ms. Neehal Bhatt             | NIPER        | 7227838310  |
| 13  | Mr. HM Chandramouli          | NIPER        | 9182095430  |
| <b>ENTREPRENEURSHIP DEVELOPMENT PROGRAM (EDP)</b> |                              |              |             |
| 14  | Dr. Md. Abdul Waseem         | FCRI         | 7876531614  |
| 15  | Dr. Bochu Jeevan             | FCRI         | 7032223597  |
| 16  | Mr. P. Rajasekhar            | FCRI         | 8466871929  |
| 17  | Prof. M. Mamatha             | FCRI         | 9885226957  |
| 18  | Ms. Dharipally Harini        | NIPER        | 8247692649  |

**Day4 :**

| Sl. No.   | Name of the participant     | Organization | Contact No. |
|---|-----------------------------|--------------|-------------|
| <b>FACULTY TRAINING PROGRAM (FTP)</b>             |                             |              |             |
| 1   | Dr. Lavanya Tayi            | CPMB, OU     | 8706092737  |
| 2   | Ms. Sai Charitha Mullaguri  | CPMB, OU     | 9032550505  |
| 3   | Dr. Ramakrishna Kancha      | CPMB, OU     | 7075047600  |
| 4   | Dr. Lakshmi Prasanna        | PJTSAU       | 9573316477  |
| 5   | Dr. SNCVL Pushpavalli       | PJTSAU       | 9052748970  |
| 6   | Dr. Ch. Anuradha            | PJTSAU       | 9866661350  |
| 7   | Dr. Archana B. Siva         | CCMB         | 9441233939  |
| 8   | Dr. A. Uma                  | JNTUH        | 9848120819  |
| 9   | Dr. K. Venkateswara Reddy   | JUTUH        | 8977375801  |
| 10  | Dr Ch. Kalyanai             | JNTUH        | 9949234486  |
| 11  | Dr. P. Ranjit               | JNTUH        | 9985289499  |
| 12  | Dr. B. Venkanna             | JNTUH        | 9505459857  |
| 13  | Ms. Vemula Divya            | NIPER        | 6305359094  |
| 14  | Mr.Arbaz Sujait Shaik       | NIPER        | 7507869848  |
| 15  | Dr. K. Venkata Rao          | NIPER        | 9779183370  |
| <b>STUDENT TRAINING PROGRAM (STP)</b>             |                             |              |             |
| 16  | Mrs.Vijaya Madhyanapu Golla | NIPER        | 7508076504  |
| 17  | Ms. Pilli Pushpa            | NIPER        | 9963748875  |
| 18  | Ms. Neehal Bhatt            | NIPER        | 7227838310  |
| 19  | Mr. HM Chandramouli         | NIPER        | 9182095430  |
| 20  | Dr S Gananadham             | NIPER        | 9866906386  |
| <b>ENTREPRENEURSHIP DEVELOPMENT PROGRAM (EDP)</b> |                             |              |             |
| 21  | Dr. Md. Abdul Waseem        | FCRI         | 7876531614  |
| 22  | Dr. Bochu Jeevan            | FCRI         | 7032223597  |
| 23  | Mr. P. Rajasekhar           | FCRI         | 8466871929  |
| 24  | Prof. M. Mamatha            | FCRI         | 9885226957  |
| 25  | Ms. Dharipally Harini       | NIPER        | 8247692649  |
| 26  | Dr. B Lakshmi               | NIPER        | 9885154574  |



## Certificates issued to the Guest Speakers and the participants

