

### Forum Inauguration:

Department of Biotechnology organised its forum “GENELIX” inauguration programme on 18<sup>th</sup> November, 2021 at Dr. C N R Seminar Hall. **Dr. S Shishupala**, Professor, Department of Microbiology, Davangere University presided as Chief Guest and delivered technical talk on “**Biology to Biotechnology**”. On the same afternoon, third semester students were welcomed officially through Freshers’ day programme

### Forum Events:

1. “Cooking without fire”, an cooking event was organised under the department forum “GENELIX” on **10<sup>th</sup> December, 2021** in CNR Seminar Hall (Biotechnology). A total of **14 teams** participated and the winners were decided by **Mrs. Nasreen Taj (Asst. Professor, ISE) and Mrs. Veena C M (Asst. Professor, Mathematics)**

#### Winners of the event are as follows:

**First Prize:** Namitha H N, Tanaya Tiwari, Sindhu R, Bhavana H, Bindu G K and Akshatha NB (3<sup>rd</sup> Sem)

**Second Prize:** Chaitra P, Dhanya R, Pragyna S Savadi, Meghana Y and Sakshi Olivia K (3<sup>rd</sup> Sem)

**Third Prize:** Akshay Shet, Manjunatha S, Kiran B, Dileep G, Nikhil M and Samarth V M (3<sup>rd</sup> Sem)

2. Department of Biotechnology organised “**Biotechnology Product Mela**” in college premises on **10<sup>th</sup> January, 2022**. The event was mainly a product exhibition, demonstrating the innovative product development skills among students that would benefit the human society in general. This product mela was designed and conceptualised by **Mrs. Deepti Palleda**, Assistant Professor, Department of Biotechnology. Around 43 different products were exhibited and these were classified under four themes that included:

**Areca products**

**Healing products**

**Organic and eco-friendly products**

**Immunity booster and edible products**

**GMIT Chairman Shri G M Lingaraju** inaugurated the event at old library premises of the institute. This event caught a lot of media eyes and many articles related to the same were published in reputed newspapers

3. Department of Biotechnology organised “**Jnanadhara**”- **A Interdepartmental Knowledge Fest** in **CNR Rao Seminar Hall, Department of Biotechnology** on **4<sup>th</sup> and 5<sup>th</sup> February, 2022**. This event mainly concentrated on 3<sup>rd</sup> semester students from different branches and also provided a platform for freshly admitted 1<sup>st</sup> semester students across different branches of our institution. This event was designed and conceptualised by **Mr. Ganesh G. Tilve**, Assistant Professor and Forum Coordinator, Department of Biotechnology. **Akshay J. Shet** and **Namitha H N** (3<sup>rd</sup> Sem, BT) were the student co-ordinators.

**Flash Talk** ( To exhibit developments on an emerging field in different branches of engineering)

**Logical Nuts** (Quiz)

4. As a part of department academic activity, **one-day workshop on “Career Opportunities After Graduation”** was organised on **4<sup>th</sup> March, 2022** at **CNR Seminar Hall, Department of Biotechnology**. This event was mainly focused for the students of 3<sup>rd</sup> semester. **Mr. Sharath G N**, Director of Copperage Training Institute, Davangere was invited as Chief Guest. He addressed the students and guided them on various entrance examinations and training to be taken up after graduation for a bright future. **Dr. Manjula GM**, Asst. Professor, Dept. of Mathematics and **Mr. Ganesh G. Tilve**, Asst. Professor, Dept. of BT also conducted technical sessions.
5. **Dr. Manjunatha Thondamal**, Alumini from 2006 batch, Assistant Professor- DST INSPIRE Faculty, SRM University, Amaravati, AP addressed our students and delivered a technical talk on “C. elegans as model system to study healthspan and aging” on 1<sup>st</sup> June, 2022
6. Department of Biotechnology 8<sup>th</sup> Semester Students actively participated in various activities such as Waste Management, Blood Donation Awareness program, Digital awareness activity and Organic Farming at Kurki Village and Attigere Village, DAvangere on 10-05-2022 to 14-05-2022 guided by **Dr. Pavan K. J**, AICTC Programme Coordinator and Assistant Professor, Department of Biotechnology

### Student achievements:

**Miss Monisha G (4GM17BT015)**, output of 2021 batch secured 1<sup>st</sup> Rank to VTU in Biotechnology with final average CGPA of 9.35. She secured two gold medals, one for being the topper in VTU for

Biotechnology and another endowment gold medal sponsored by Late Shri. A C Jayanna. VTU 21<sup>st</sup> Convocation Date:

**Miss R Dhanyashree (4GM17BT021)**, 2021 batch O/P secured 5<sup>th</sup> Rank to VTU in Biotechnology with final average CGPA of 9.13.

Department of Biotechnology is extremely motivated to share that three of its students' project proposals have been approved by KSCST as a part of its 45<sup>th</sup> SERIES OF STUDENT PROJECT PROGRAMME (SPP): 2021-22

| Name of the Event   | College and Place                            | Name of the student winners   | Event  | Prize       |
|---|--|---|--|-------------|
| BioChESS- 2022  | Siddhaganga Institute of Technology, Tumkuru | Rakshitha R Kamath<br>Simran S Revankar<br>Usha G V<br>(Sixth Semester)       | Oral Presentation<br>"Synthesis of nanocellulose from sugarcane bagasse using acid hydrolysis method"                  | First       |
| Chemexcel-2022  | Bapuji Institute of Technology, Davangere    | Anusha P M<br>Abuzer<br>Pallavi K E<br>Soujanya S M<br>(Eighth Semester)      | Oral Presentation<br>"Isolation and characterization of xylose fermenting yeasts for production of fermented products" | First       |
| Chemexcel-2022  | Bapuji Institute of Technology, Davangere    | Meghana D<br>H S Sadaf Naaz<br>Niveditha B M<br>Chetan T<br>(Eighth Semester) | Oral Presentation<br>"Isolation of Solanidine from <i>Solanum tuberosum</i> "  | Second      |
| Chemexcel-2022  | Bapuji Institute of Technology, Davangere    | Srushti K R<br>Sahana K S<br>(Sixth Semester)                                 | Poster Presentation<br>"Chitosan and Banana pseudostem composite in antimicrobial food packaging applications"         | First       |
| AFST (I) Essay and Quiz Competition                             | Davangere University, Tolahunse              | Mehek Irum<br>Musab Anas<br>Bhavana V S<br>(Fourth Semester)                  | Quiz Competition   | First       |
| AFST (I) Essay and Quiz Competition                             | Davangere University, Tolahunse              | Bhavana V S<br>(Fourth Semester)  | Essay Competition  | First       |
| AFST (I) Essay and Quiz Competition                             | Davangere University, Tolahunse              | Keerthana L<br>(Fourth Semester)  | Essay Competition  | Consolation |
| National Conference on "Frontiers in Biological Research- 2022" | P. C Jabin Science College, Hubballi         | Anusha C V<br>(Fourth Semester)   | Oral Presentation<br>"Tumour Treating Fields"  | Second      |
| National Conference on "Frontiers in Biological Research- 2022" | P. C Jabin Science College, Hubballi         | Sahana E J<br>(Fourth Semester)   | Oral Presentation  | Third       |

#### **Sports Achievements:**

**Miss Rakshitha R. Kamath (5<sup>th</sup> Sem)** won **Silver Medal** in Judo (+78 Kg.) at inter-collegiate, inter-zone tournament organised by Department of Physical Education and Sports, VTU (Belagavi) at KLS's VDIT, Haliyal on 15<sup>th</sup> and 16<sup>th</sup>

December, 2021. **Miss. Anjali P (5<sup>th</sup> Sem)** won **Bronze Medal** in Judo (+78 Kg.) at the same event. **Rakshitha R. Kamath and Anjali P. (5<sup>th</sup> Sem)** participated in the National Level Strength Lifting Competition organised by **IET College, Alwar, Rajasthan** from 30<sup>th</sup> December, 2021 to 2<sup>nd</sup> January, 2022. Rakshitha won **1 Gold and 1 Silver** and Anjali won **2 Gold medals**. **Miss Rakshitha R. Kamath (5<sup>th</sup> Semester) and Miss Anjali P. (5<sup>th</sup> Semester)** won **two gold medals each** in State level Open Powerlifting Computation- 2022 organised by Karnataka State Powerlifting Association in Davangere in 90+ Kg. category on 18<sup>th</sup> March, 2021.

#### Industrial Visits:

Students from all three semesters of the department were taken on an industrial visit to Mangalore from 18<sup>th</sup> to 20<sup>th</sup> December, 2021. A total of 57 students from the department were accompanied by faculties to **Campco Chocolate Industry (Puttur)** and **Manipal Anatomy and Pathology Museum (Manipal)** as a part of their visit. Students of 6<sup>th</sup> Semester were taken to GM bevarages on 30<sup>th</sup> June, 2022 and students of 4<sup>th</sup> Semester were taken to Katra Polyfibres

#### Department Magazine:

Department magazine “**Ereky and Me**” was released on 28<sup>th</sup> January, 2022 at Dr. CNR Rao Seminar Hall. Two editions of the magazine for 2019-20 and 2020-21 were released on the occasion, which could not happen previously because of the pandemic. **Principal Dr. Y. Vijaya Kumar** graced the occasion and **Shri. Shivakumar B K, President, Davangere Areca Growers’ Association** and his team were special invitees. **Department Head and Forum Chairman Dr. Prakash K K** and **Magazine co-ordinator Mrs. Keerthi S** were present on the occasion. Chief student coordinator **Akshay J. Shet (3<sup>rd</sup> Sem)** has put special efforts in designing the magazine.

#### Faculty Achievements:

- 1. Dr. Prakash K K, Associate Professor and Head, Department of Biotechnology** received grant of **Rs. 8.00 lakhs** under VTU Research Grants Scheme, 2021 for the research proposal titled “**Optimization of extraction process to obtain omega-3 fatty acids from fish oil and to develop biodiesel from waste oil**”. He is the Principal Investigator (PI) for the project along with **Dr. Bharath K N (CoI-1)** and **Dr. Santosh B M (CoI-2)**
- 2. Dr. Pavan K. J,** Assistant Professor, Department of Biotechnology, has Published Book Titled “**Molecular Characterization of Plant Growth Promoting Bacteria**” in Scholars’ Press
- 3. Three faculties** from the department namely, **Dr. Prakash K K, Associate Professor and Head , Dr. Gurumurthy H, Professor** and **Mrs. Keerthi S, Assistant Professor** have published their book chapters in “**Enzymes for Pollutant Degradation**” published by **Springer Nature, Singapore**
- 4. Dr. Gurumurthy H,** Professor, Department of Biotechnology submitted a business plan for second level evaluation under **MANTHAN: 2022**.  
**TITLE: WASTE WATER TREATMENT AND GENERATION OF ELECTRICITY BY ALGAE.**
- 5. Mr. Ganesh G. Tilve** won **FIRST** place in oral presentation for paper titled “**Synthesis of chitosan nanoparticles and its antimicrobial application in medical protective wears**” in two day virtual national conference on “**Transforming Trends in Life Sciences and Health Care**” (**NTTLH-2021**) organized by Dwarka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai in association with Indian Science Congress Association (Chennai Chapter) on 17<sup>th</sup> and 18<sup>th</sup> November, 2021