

# **PHARMACOBUFFINS**

**NEWSLETTER 2022**

*VOLUME 9 EDITION I*



**DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY  
UNIVERSITY COLLEGE OF ENGINEERING  
ANNA UNIVERSITY - BIT CAMPUS  
TIRUCHIRAPPALLI - 24**

## MESSAGE FROM THE HEAD OF THE DEPARTMENT



**Dr.A.Puratchikody**  
Professor and Head

### CONTENTS

- NSS
- SPORTS
- SYMPOSIUM
- EXPERT LECTURE

### FACULTY ADVISOR

Dr. S. Lakshmana Prabu

### STUDENT COORDINATORS

- 1.Prabitha Priyadharshini.A
- 2.Nishitha.N
- 3.Jegasubramaniam. S N
- 4.Tamil Selvan.N

**January - June 2022**

## MESSAGE FROM THE HEAD OF THE DEPARTMENT

Dear Students and Faculty members,

Welcome to the Department of Pharmaceutical Technology at University College of Engineering, BIT Campus, Tiruchirappalli.

Since its establishment in 1999, Our Department of Pharmaceutical Technology has been running successfully, accepting 60 new students each year. In the area of pharmaceutical sciences, our department aims for excellence. Faculty members in the department are highly skilled and knowledgeable. Through effective instruction and a positive learning environment, our department is dedicated to the improvement of students. For the benefit of both faculty members and students, the department frequently hosts a variety of seminars, conferences, workshops etc., with financing from various organizations.

The department supports R&D initiatives and offers courses with additional value to advance the pharmaceutical industries standard of excellence. Through teaching and research, our department will promote innovation, creative thinking, knowledge and community involvement. They will prioritize the requirements of the students by offering the best learning opportunities for all students in an accessible and fiscally viable manner, assuring high standards and internationally competitive student outcomes.

## **VISION**

To provide quality education, foster research and development in Pharmaceutical Technology, evolve innovative solutions for industrial problems and serve for humanity, upraise the department to reach the apex of glory in pharma education and research to be cognizant of as Centre for Excellence.

## **MISSION**

- Deeply inoculate the treasure of pharmacy education and research into the inquisitorial minds of students through practicing with state of the art infrastructural facilities to instigate the multi-disciplinary expertise to meet the needs of pharmaceutical and allied industries.
- Provide a dynamic educational experience, create outreach opportunities and empower them to become leaders of profession.
- Advocate the responsibility to contribute for the improvement in public health by developing and translating concepts into practice within the state and beyond.

## **PROGRAMME EDUCATION OBJECTIVES (PEOs)**

- To prepare students for prosperous spectrum of career avenues in academia, advanced research, industries of pharmaceutical technology, biomedicine, biotechnology. law, business and government and other pharmaceutical pursuits through dissemination of knowledge and proficiency in engineering and technology fundamentals related to pharmaceutical technology and the ability to solve problems.
- To transfuse in students the sense of confidence in professional endeavours by application of the derived knowledge and appreciation of economic impact in a societal context.
- To provide collegial and nurturing environment for the students to realize the professional, ethical obligations and their concern to protect the health and welfare of the public and to be accountable for the social and environmental impact of their practice.
- To create an enjoyable educational environment in which students participate in multidisciplinary, team oriented, open-ended curricular and co-curricular activities that prepare them to work either individually and as an integrated team member.
- To facilitate the students to gain the wisdom of fundamentals and advances to practice Pharmaceutical technology and interdisciplinary research as career of constructive service to society and higher learning.

### **PROGRAMME OUTCOMES (POs)**

After completion of graduation in pharmaceutical technology, the students will be able to demonstrate the ability to:

- Apply knowledge of mathematics, science and technology in the discipline.
- Identify, formulate, research literature, and analyse complex engineering problems for its solution.
- Design and develop system processes that meet the specified needs with appropriate consideration for public health, safety, cultural, societal and environmental.
- Design the experiments, its analysis and interpretation of data, synthesis of the information using research-based knowledge for complex problems.
- Use modern engineering tools, software and equipment to meet the needs in the area of Pharmaceutical technology.
- Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues relevant to the professional engineering practices.
- Apply knowledge of the impact of pharmaceutical technology solutions in a societal and global context.
- Demonstrate ethical principles and commitment to responsibilities and norms of the pharmaceutical technology practices.
- Work effectively as an individual and as well as member in teams of diversified professionals.
- Communicate effectively.
- Understand the philosophies of Project management principles in pharmaceutical technology.
- Showcase urge for self-education and life-long learning.

### **PROGRAMME SPECIFIC OUTCOMES (PSOs)**

1. Develop active pharmaceutical ingredients, drug intermediates and pharmaceutical products.
2. Apply data driven decisions and predictive analytical tools in smaller and larger molecule producing industries.
3. Identify technical issues related to the design, manufacturing of chemicals & pharmaceuticals and provide effective interdisciplinary solutions.
4. Adapt continuously changing technologies and play pivotal professional role in sustainable societal development

Providing bachelor and master courses in Pharmaceutical technology and Pharmaceutical Biotechnology, the department comprises of more than 200 students. We have the state of the art lab facilities with world class equipment and experts handling it. We also take pride in establishing ourselves in producing outstanding research scientists to the world every year. This all is possible under the exceptional leadership of our most respected Professor and Head of the Department Exceptional Dr.A.Puratchikody and her colleagues.

This department holds various records in various fields inside and outside this campus. We conduct symposiums, seminars, conferences nationally and internationally in a regular manner from the year of inception of this department.

## NSS

NSS Volunteers had participated and completed the mandatory one week village camp at Naduppatti village from 25.03.2022 to 31.03.2022

The students had actively participated and involved in creating awareness among the villagers.



## SPORTS

S.Yoshwin Vishnu of III Year has awarded Silver medal in Anna University Inter Zonal Taekwondo match held in Kongunadu Engineering college, Musuri. Weight category: 65-70kg on Dated : 22.02.2022



## EXPERT LECTURE

Expert lecture titled “Cannabis: A wonder drug” by **Prof. MURALIKRISHNAN DHANASEKARAN** was held on 25th May, 2022 which was organized by Dr. S. Lakshmana Prabu.




## SYMPOSIUM

### SYMPOSIUM- PANACEA'22

The technical symposium “PANACEA” was organized by Association of Pharmaceutical Technologist (APTS), the association for the student fraternity conducted the event in the grand manner.

The students in the Department of Pharmaceutical Technology took their lead role as a pharmaceutical technologist and conducted the student’s symposium titled PANACEA’22 on 28th and 29th May 2022. The growing enrolment of students with migrant backgrounds has brought unique opportunities to conduct student’s symposium entitled PANACEA’22, mainly to promote the sharing of best practices and analyses on how to address the varied needs of these youth, teacher educators and future researchers. The symposium explored the imperative of improving educational outcomes for students. Various Technical and Non-technical events was organized, and students willingly participated in all the events. The technical events included Paper presentation, Poster presentation, Project Expo, Pharma-auction and Techno-quiz. The Non-technical events included Ad zap, Dum Charades, Meme creation, Photography. At the end of the symposium, Prizes were distributed to all the winners. Participation certificates were given to all the delegates.



UNIVERSITY COLLEGE OF ENGINEERING  
BHARATHIDASAN INSTITUTE OF TECHNOLOGY  
ANNA UNIVERSITY, TIRUCHIRAPPALLI-24  
DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY &  
ASSOCIATION OF PHARMACEUTICAL TECHNOLOGY STUDENTS

**We Cordially Invite You**  
*To The Grand*  
**NATIONAL LEVEL TECHNICAL SYMPOSIUM**  
**PANACEA'22**  
Pharmaceutical Technology: Latest Innovations,  
Challenges and Prevailing Strategic Prospective

**Welcome Address**  
**Prof. A. Puratchikody**  
Head  
Department of Pharmaceutical Technology

**Inaugural Address**  
**Prof. T. Senthilkumar**  
Hon'ble Dean  
UCE-BIT, Tiruchirappalli-24

**Chief Guest**  
**Mr. S. V. Subramaniyan**  
Managing Director  
Emmchak Formulations Pvt. Ltd., Tiruchirappalli

**Guest of Honour**  
**Mr. C. Gopi**  
Director, Chakraa Formulations,  
Emmchak Formulations Pvt. Ltd., Tiruchirappalli  
CIPMA STATE GENERAL SECRETARY  
President of Rotary Club of Trichy Gems Innovators

**Coordinator**  
**Dr. A. Shanmugarathinam**  
Faculty Advisor & Assistant Professor

**Student Representatives**  
**Mr. Deneshraj S**  
**Ms. Dhivya N**



## ALUMNI ZONE

Our proud alumni Ms. Priyanka R A from the batch 2015-2019 had shared a writeup regarding her career growth and life at BIT.



**Priyanka R A B.Tech., M.B.A**  
HR - recruiter  
Novo Nordisk Private limited, Bengaluru



"UCE - BIT - Department of Pharmaceutical technology" is a self-explanatory brand which defines the turned stone, ready to conquer the world. At Department of Pharmaceutical technology, I have lived the best days of my life. The experience here turned me to a more curious and achieving person. The support of the faculty members not only helped me to score good marks, but also helped me to overcome the flaws for being a good human being. BIT is much beyond just an "Institution"...It's actually denotes a "Culture"...Culture of excellence, empowerment, and enrichment. The college has molded my personality and clarified my vision of the future. That day is today when people recognize me with the name of Alumni of my department and I am very grateful to the Institute for providing guidelines and motivation to inspire me to achieve my goals.