

PHARMACOBUFFINS

NEWSLETTER 2018



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

**MESSAGE FROM THE HEAD OF THE
DEPARTMENT**

Dr.K.Ruckmani
Professor and Head

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FACULTY ADVISOR

Dr. S. Lakshmana Prabu

JANUARY - JUNE 2018

MESSAGE FROM THE HEAD OF THE DEPARTMENT

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

Our Department of Pharmaceutical Technology was started in the year 1999 and has been functioning successfully with annual intake of 60 students. Our department strives towards excellence in the field of Pharmaceutical sciences. The department has well qualified and experienced faculty members. Our department has committed towards teaching and good learning environment for the student enhancement. The department regularly organizes various seminars, conferences and workshop etc., with the funding from various agencies for the benefit of both faculties and students. The department promotes research and development activities and also provide value added courses towards the excellence in the Pharmaceutical field.

Around 6 students completed NPTEL courses, 24 students attended training in various pharmaceutical industries, 4 students attended few International conferences. I would also like to iterate our goals as a community. Our department will drive creativity, innovation, knowledge and community engagement through teaching and research. They will put students first by providing the best possible learning experience for all learners in an affordable and financially sustainable way , ensuring high quality and globally competitive outcomes for students.

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 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)

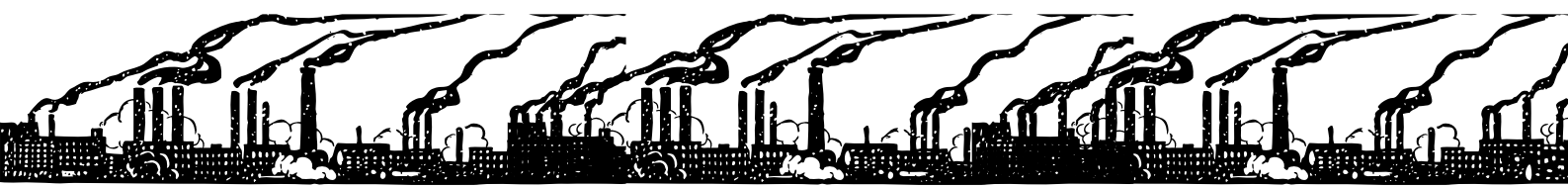
After completion of graduation in Pharmaceutical Technology, the students will be able to demonstrate the ability to:

- 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.

Providing Bachelor and Master courses in Pharmaceutical Technology and Biopharmaceutical Technology, 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. All these are accomplished under the exceptional leadership of our most respected Professor and Head of the department Exceptional Dr.K.Ruckmani and her colleagues.

This Department holds various records in various fields inside and outside this campus. We conduct symposium, seminars, conferences Nationally and Internationally in a regular manner from the year of inception of this department. As a continual event, this year we have conducted the symposium with the active participation of students even from other colleges.



EVENTS

SYMPOSIUM- PANACEA'18

The technical symposium “PANACEA” was organized by The Association of Pharmaceutical Technology Students (APTS), the association for the student fraternity conducted the event in a 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’18 on 6th and 7th April 2018.

The growing enrollment of students with migrant backgrounds has brought unique opportunities to conduct student’s symposium entitled PANACEA’18, 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 were 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, Dumshradas, Meme creation, Photography. At the end of the symposium, Prizes were distributed to all the winners. Participation certificates were also given to all the delegates.



Fig. The students were eagerly participating in the events conducted in the symposium

EVENTS

OTHER EVENTS

The students in the Department of Pharmaceutical Technology paved their way towards exploration of the field by participating in numerous Inter-Institute events organized by various institutes, universities and research organizations and received awards too. On the whole 184 students had participated in those events. We even had active NCC cadets, NSS volunteers and Sports persons.

ALUMNI ZONE

Our proud alumni Ms. Harini from the batch 2012-2016 had shared a writeup regarding her career growth and life at BIT.

We all know "A journey of a thousand miles begins with a single step" and there I began mine at UCE-BIT-Department of Pharmaceutical technology. Perhaps my fondest memory was sitting in my first day of class tearing up at the realisation that how hard it is going to be at the University with different faculties who I had never met in my life before, and that this department made it so easy for me, made me felt welcomed and connected all the time when needed that I even excelled with the top rank and I am very grateful for that. Unlike all educational institutions who teach us just the curriculum but nothing, BIT Pharmaceutical department taught me what life can be after graduation. I was given all opportunities to explore where I believed "We never lose in life, we just either win or learn from it" . The experience made me learn lot of lessons about leadership, being independent that I cherish and use to this day . Not only I learned education, they went above and beyond to make a beautiful relationship that lasts for life and here I am proudly as a thriving Alumni wishing all the students to have a great journey at BIT"

EVENTS

ALUMNI ZONE

Here is the writeup of Mr. Maheshvijay from the batch 2013-2017 who had shared his life experience and how BIT campus played a vital role in his career and growth.

My time at college was an interesting chapter and it is one of the best things in my life that I joined as a fellow student of Pharmaceutical Technology, Anna University BIT Campus; from which I learned a lot and shaped it to make my future bright.

The career position in which I am now is all because of all the exposure to all directions and a career network that I developed during my days at the Department of Pharmaceutical Technology. Supportive seniors and faculty, real world experiences, and amazing friends. It is everything one needs from a college and helps to build a network for the future. There is a large variety of students every year, providing everyone opportunity to interact and learn from each other. With the up-to-date laboratory facilities, sophisticated & real-world competent equipment, large libraries on campus, students can easily access study materials to ensure quality education. Courses are challenging, yet very informative, so that we are ready to challenge the competitive market.

I am sure that every student would have got a good opportunity to nourish the leadership, management, and organization skills. Also, we got a good interaction with industry and academic experts in different fields that I would think of, via various National level Symposiums, conferences, workshops, guest lectures, technical/non-technical events organized regularly. Beyond books and classes I would always cherish my memories of all extracurricular activities in sports, cultural events, hostel day celebrations, NCC, NSS, Rotaract club, Industrial visits, etc...

I specially thank my professor Mr. S. Lakshmana Prabu for all his expert guidance and support whenever needed. Simply, an all in all department that provides every student exactly whatever is needed to excel in life. Proud to be a part of the Department of Pharmaceutical Technology, AUBIT.