



BAPUJI EDUCATIONAL ASSOCIATION (R)
BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Post Box No.325, Davangere-577004.Karnataka-India
DEPARTMENT OF CHEMICAL ENGINEERING

Web site: www.bietdvg.edu.

Email: bietchemical@gmail.com

Annual News Letter (2018-2019)

Volume II

CHEMICAL POSTS & GLOBE



- A journey of an excellence from creativity to productivity

Contents of the issue:

- **Vision, Mission, PEO's and PSO's**
- **About the Department**
- **Message from HOD's Desk**
- **Association Activities**

VISION OF THE INSTITUTE

"To be center of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention."

MISSION OF THE INSTITUTE

"BIET contributes to the growth and development of its students by imparting a board based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values."

VISION OF THE DEPARTMENT

"To train and generate efficient manpower required for effective management of core / allied industries, have a thrust for innovation, undertaking need based research who contributes to Global knowledge and wealth."

MISSION OF THE DEPARTMENT

M1: To offer a quality and efficient undergraduate program in Chemical Engineering required for successful professional career.

M2: To produce graduates who have ability for creative thinking and an urge for continued learning.

M3: To practice sustainability and promote eco-friendly processes which benefit engineering profession and society.

PROGRAM EDUCATIONAL OBJECTIVES OF DEPARTMENT

PEO1: Capability to advance professionally in their chosen career, wherein they apply their professional and generic skills inculcated during their training.

PEO2: Exhibit leadership qualities and collaborate successfully while working in multidisciplinary teams to tackle multifaceted problems.

PEO3: Ability to design scale up and regulate systems which meet specific needs economic environment public safety

PROGRAM SPECIFIC OUTCOMES (PSO'S) OF DEPARTMENT

PSO1: Demonstrate the professional and generic skills needed to apply the principles of chemical engineering in solving real- time problems, acquired during their course of training.

PSO2: Able to undertake independent research and engage themselves in life-long learning.

M

PSO3: Play a lead role and exhibit economic, professional and ethical values at their professional career.

ABOUT THE DEPARTMENT

To cater to need of local and nearby industries Chemical Engineering Department was introduced during academic year 1996-97. At present department offers B.E., M.Sc. Engineering and Ph.D in university, Belgaum and is duly approved by institution of Engineers India Kolkata. Department was duly accredited by National Board of Accreditation New Delhi twice. Department has achieved notable standings in terms of academic, research, industrial consultancy. Consistent university rankings and over 90% student placements are the major achievements of the department. Highly qualified, experienced, committed and open minded faculty members are the major strength of department. Considering the potential and talents various state and central governments funding agencies like AICTE, VGST, KSCT and KSBDB have extended their liberal financial support to the tune of over 60 lakhs since last five years. Department strives hard for academic excellence through personalized attention with an ideal teacher –student ratio (1:3). Adequate mechanisms have been established to support and monitor student’s progress which ensure a sense of satisfaction across all stake holders. Faculties’ contributions in research activities are evidenced by their publications of around 50 at national and international peer reviewed conferences and journals. Department till date has produced about 450 Chemical engineering graduates, 3% of graduates have become Entrepreneurs, 10% have joined Government sector, 15% have joined NIT’s and IIT’s for higher studies and rest are well placed at wide variety of manufacturing and consultancy sectors. Also at present department 6 students have registered for PhD’s and at various stages of their research activities.

News Letter Committee

Patrons

Dr. Shamanur Shivashankarappa

MLA, Hon. Secretary, BEA

Sri S.S. Mallikarjun

Joint Secretary, BEA

Advisory Board

Prof. Y Vrushabhendrapa

Director, BIET

Dr. M. C Nataraj

Principal, BIET

Dr. G P Desai

Professor & Head

Editor

Dr. Mamatha M

Assistant Professor

Smt. Shashikala K J

Assistant Professor

Associate Editor

Sri. Praveen Kumar D G

Assistant Professor

Sri. Amaranth P C

Assistant Professor

Student Editors

Sri. Sharan G C

Sri. Pavankumar I B

Message from HOD's Desk:



Dr. G P Desai

Professor and Head

Department of Chemical Engineering

“Chemical engineers sometimes are called 'universal engineers' because their scientific and technical mastery is so broad. You could consider a chemical engineer to be a type of engineer who knows a lot of science. Another perspective is that a chemical engineer is a practical chemist”.

ASSOCIATION ACTIVITIES

- Inauguration of association of chemical engineers and welcome to 3rdsem students was held on 19/9/2018 professor by Prof. Y Vrushabhendrappa was the chief guest and Dr. Subramanya Swamy, Principal was the president of the function.
- Guest lecture was delivered by Nandish M. N department of Chemical Engineering University of Bologna, Bologna Italy, on the topic “INDUSTRIAL SAFETY AND RISK MANAGEMENT”.
- Kiran. O.V Business development associate, Byju's, Bangalore gave talk on preparation for GRE, TOFEL, GATE and profile building for pursuing higher studies in India and abroad.
- Mr Praveen Kumar DG, Dr. Mamta M, MrAmarnath P. C Dr. GP Desai. Dr. C. M Kalleshappaattended 3 Day FDP program on “Recent Trends in Environmental Impact Assessment- Process and Procedures” from 17 to 19 January 2019. Conducted by PG program in environmental department of civil engineering BIET. In association with KSPCB regional office and D.V.G & IEI D.V.G Center.
- All students of Chemical Engineering visited Davangere sugars Ltd. Kukkawada on19/02/2019 Mr. Praveen Kumar. D. G, Dr. Mamatha. M, Amarnath P. C and Dhanya Kumar K. S accompanied the students.
- Guest lecture is delivered by Raj Kumar Joshi Scientist, Department of Science and Technology (DST), New Delhi on “Municipal solid waste management in India and effect of season on hechate quality on 8thMarch 2019.
- Praveen Kumar IB, Shashank SM, VarunCK Faisal Abdul Razak, Yash Raj S Patil, MallikarjunHiremath,Manoj BK presented a paper/poster at “BIOCHESS-2019”conducted by department of chemical Engineering and biotechnology Siddaganga Institute of Technology Tumkur on 12th March 2019.

M

- Chemical-2019 National level students Symposium Chemexcel- 2019 is held on 23rd March 2019. Sri. Vijay Kumar Gogi IFS, Principal Secretary, Forest, Environment and Ecology department, Government of Karnataka was inaugurated the program. Sri Rakesh Kannah M lead consultant Thought works Technologies (India), Bangalore, was the chief guest. Dr. M. C Nataraj, Principle BIET was also the chief guest, Prof. Y Vrushabhendrappa Director, BIET was a present president of program. 20 oral papers and 24 poster presentation were held. Shri Rakesh Khanna delivered the keynote address on “COMPETITION IN CHEMICAL ENGINEERING”. Sri K. B. Kotresh, Environmental officer, regional office, KSPCB. Davangere was the chief guest for the valedictory program. Prof. Y Vrushabhendrappa was the chief guest and Dr. M. C. Nataraja Principal, BIET was the president of the program. Event was sponsored by ISTE student and faculty chapter BIET and institution of engineers, IEI Davangere center.
- Rahul Kumar A.S and Rihik. R participated in INVENTO-2K19 and presented a paper held at STJ Institute of Technology Ranebennur on 5th April 2019.
- 22 students from all semester are participated in DAVANA-2019 in events like, Technical paper presentation, debate, quiz, creative writing, skit, short movie making, and photography.
- Two day workshop on “AICTE model curriculum TEQIP 1.3 workshop” was conducted to deliberate on the proposed 2018 scheme (3rd to 8th sem) syllabus. Dr. Krishna Nayak, Dr. Srinivasa Naik, Dr. G. P Desai, Dr. Umesh Deshannavar, Dr. C. M Kalleshappa, Dr. B. M Kulkarni, Praveen Kumar DG, Dr. Mamatha M were present in the workshop.