



MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, JAMSHORO



THREE DAYS TRAINING WORKSHOP ON BIO & FOOD PROCESSING

22-24 September 2016

ORGANIZED BY: CHEMICAL ENGINEERING DEPARTMENT, MUET JAMSHORO

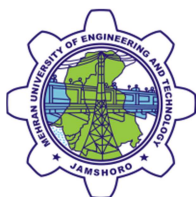
64th DMRC of 2016 was Held on 02-02-16 at Meeting Hall Chemical Engineering Department, Mehran University of Engineering & Technology Jamshoro. As per Resolution # 2016-1.11 of said meeting the quality objectives for 2016 were approved. Among those objectives one objective was titled as “Second Three Days Training Workshop on Bio and Food Processing in Chemical Engineering”

Objective - I of 2016(Under ISO 9001 Quality System)

Three days training workshop on “Bio and Food Processing” was organized by Department of Chemical Engineering. The Program was extensively designed for Engineering Students/Professionals to enhance their knowledge and hands on practice in analytical techniques experienced in various process industries. All the Industry personals, Undergraduate and Postgraduate Students were encouraged to apply in the workshop.

The Aims & Objectives of the workshop:

1. The prime objective of this Work shop was to fully train the students & professionals in the field of Bio & Food Processing according to the industrial requirements under controlled environment.
2. To highlight the core Bio and Food Processing research areas.
3. To provide the **hands on practice** of Bio and Food Processing Techniques through Workshop in laboratory.



**Mehran University of Engineering & Technology Jamshoro,
DEPARTMENT OF CHEMICAL ENGINEERING**

**2nd 3-Days Training Workshop on
BIO & FOOD PROCESSING**

September 22-24, 2016



WORKSHOP PROGRAM

Day 1 – Thursday , September 22, 2016	
Time (PST)	Inaugural Session in M D Seminar Hall
1100	Recitation from Holy Quran
1105	Welcome address by Prof. Dr. Farman Ali Shah, Chairman Department of Chemical Engineering
1110	Address by Prof. Dr. Hafeez Ur Rehman Memon, Dean Faculty of Engineering
1120	Address by Mr Rafique Ahmed Mangi,(Guest of Honor) from Industry
1130	Address by Engr.Shafique Ahmed Mahesar,(Chief Guest), Commisioner,Mirpurkhas Division
1140	Presidential Address by Prof. Dr. Muhammad Aslam Uqaili ,Vice Chancellor, MUET.
1155	Vote of thanks by Prof. Dr. Shaheen Aziz, Workshop Coordinator
1200	Refreshment
12.30-1430	Technical Session at Department of Chemical Engineering
1430-1500	Lunch / Prayer break
1500-16.00	Technical Session at Department of Chemical Engineering
Day 2 – Friday, September 23, 2016	
1000-1130	Technical Session at Department of Chemical Engineering
1130-1200	Refreshment
1200-1330	Technical Session at Department of Chemical Engineering
1330-1430	Lunch/Prayer break
1430-1600	Technical Session at Department of Chemical Engineering
1600	Concluding session
Day 3 – Saturday, September 24, 2016	
0830	Industrial Visit

INAUGURAL CEREMONY OF WORKSHOP

The Inauguration Ceremony was held on 22nd September 2016 at Makhdoom Dawood Seminar Hall, Mehran University of Engineering & Technology Jamshoro. Engr. Shafique Ahmed Mahesar, Commissioner Mirpurkhas Division was Chief Guest and Guest of Honor was Mr. Rafique Ahmed Mangi, Director Operations, Distillery Habib Sugar Mills Nawabshah. Worthy Vice Chancellor Prof Dr Muhammad Aslam Uqaili presided over the ceremony. Prof Dr Tauha Hussain Ali Pro-Vice Chancellor, Prof Dr Hafeez-ur-Rehman Memon Dean Faculty of Engineering, Chairman, Department of Chemical Engineering Prof Dr Syed Farman Ali Shah and Prof Dr Shaheen Aziz Course Coordinator were accompanying them.

The Ceremony started with the recitation of few verses of Holy Quran by Mr. Gul Hassan Nizamani. All respected Guests expressed their feeling about 2nd Three Days Training Workshop on “Bio & Food Processing”.

Worthy Vice Chancellor presented the shield to Chief Guest and Guest of Honor, Worthy Chairman presented shield to Vice Chancellor and Dean Faculty of Engineering.

Chief Guest Engr. Shafique Ahmed Mahesar, Commissioner Mirpurkhas Division highly appreciated the management for organizing this Event. He shared his past experience when he used to be lecturer in Mehran University . He further enlightened the scope of Bio & Food in industries and suggested to work in the field of food preservation, specially mangoes in Sindh .He added that chemical Engineering is among the top fields in engineering and demand of the time.

Guest of Honor Mr. Rafique Ahmed Mangi, Director Operations, Distillery Habib Sugar Mills Nawabshah expressed his feelings to be a part of this about 2nd Three Days Training Workshop on “Bio & Food Processing”. He further said these types of workshops are very much necessary for new generation engineers to explore the importance of “Bio & Food Processing”.

Worthy Vice Chancellor Prof. Dr. Muhammad Aslam Uqaili shared his satisfactory comments for Department of Chemical Engineering on progressing day by day in his presidential address. The Practical Knowledge and Hands on Practice are things which are necessary need of this era.

Respected Dean Faculty of Engineering, Prof. Dr. Hafeez-ur-Rehman Memon emphasized Bio and Food Processing in Chemical Engineering. He said the role of Bio-Technology can never be neglected for the success of industrial revolution. He said that being a Graduate of Chemical Engineering Discipline, he himself observed the importance of mentioned Techniques.

Chairman Department of Chemical Engineering, Prof. Dr Syed Farman Ali Shah welcomed all guests and participants and explained the schedule and activities of workshop. He also highlighted the various facilities available in the department to facilitate industry in future. He added that graduates of this department are serving in multinational companies worldwide. Many national organization are led by chemical engineering graduates, one of our graduate Engr Abdul Razzaq is a Nobel Prize winner and is working with IAEA, Vienna Austria.

There were overall 95 participants from

- Chemical Engineering Department MUET
- PCSIR Laboratory Complex Karachi
- Colgate Palmolive Pakistan.
- Matiari Sugar Mills
- University of Sindh, Jamshoro
- NCEAC, University of Sindh
- Shah Abdul Latif University Khairpur Mirs
- Sui Southern Gas Company, Hyderabad
- Sindh Agricultural University Tandojam
- QUEST Nawabshah

RESOURCE PERSONS

Very Senior experts on Bioprocess and Food delivered theoretical and practical presentation during the training workshop and covered the topics of:

	RESOURCE PERSONS	TOPICS
1.	Dr. Ajaz Hussain Soomro, Director Institute of Food Sciences and Technology, Sindh Agriculture University Tandojam	Application of Lactic Acid Bacteria in Food Bio-preservation and Human Health – An Ecological Approach

2.	Prof. Dr. Shaheen Aziz, Department of Chemical Engineering, MUET, Jamshoro	Quality Assurance in Food Processing.
3.	Prof. Dr. Suhail Ahmed Soomro, Director, Institute of Petroleum and Gas Engineering, MUET, Jamshoro	Small Scale Food Processing For Rural Economics & Entrepreneurship Opportunities
4.	Prof. Dr. Agha Asad Noor, Ex-Director, Institute of Microbiology, University of Sindh Jamshoro	Role of biotechnology in food industry
5.	Prof. Dr. A.K. Ansari, U.S.-Pakistan Center for Advanced Studies in Water, MUET, Jamshoro	Value addition in food industry
6.	Dr. Abdul Rehman, Department of Chemical Engineering, MUET, Jamshoro	Food safety and Health
7.	Dr. Aziza Aftab, Department of Chemical Engineering, MUET, Jamshoro	Analytical Techniques in Bioprocessing

CONCLUDING CEREMONY OF THE EVENT

Concluding Ceremony was held on 23rd September 2016 at Makhdoom Dawood Hall Old Administration Building, Mehran University of Engineering & Technology Jamshoro. Chief Guest was Engr Saleem Khan, Managing Director Colgate Palmolive limited and President of the house was Engr Ghulam Sarwar Kandhar, Pro Vice Chancellor SZAB-MUET Khairpur campus. Prof. Dr. Hafeez-ur-Rehman Memon was the guest of honor in the Ceremony. Engr Sikander Mustafa Almani, Lecturer Department of Chemical Engineering welcomed them all.

Chief Guest appreciated the efforts of Chairman Prof. Dr. Syed Farman Ali Shah for doing such activities for the betterment of department and industry. He also said that the gap between academia and industry is no more existing, these types of workshop are the backbone that will strengthen the linkage. Chief Guest also appreciated the department and teachers for producing such talented fresh graduates, specially female chemical engineers to make the environment clean and safer for processes.

President of the house Engr Ghulam Sarwar Kandhar congratulated all the organizers of the 2nd Three Days Training Workshop on "Bio & Food Processing". Prof. Dr. Syed Farman Ali Shah then gave a vote of thanks to all participants.

An industrial visit for one group of students was arranged at Rafhan Maize Products, Mehran Plant Kotri, Where Mr Sajid Ahmed Junejo, Manager Human Resource and administration welcomed the participants of the workshop. Engr Zargham Shah, briefed the participants about the process in the Maize Product Plant. He also explained the Health, Safety & Environment aspects of the plant and measures taken by the plant.

CERTIFICATE DISTRIBUTION

Shields were distributed among the Resource Persons and Certificates among the participants by Guest, Guest of Honor, Dean Faculty of Engineering, Chairman, organizers of the workshop and resource persons of the workshop.

INDUSTRIAL VISIT

Third day was utilized for study tour. The visit was sponsored/arranged by UNICOL Distillery Mirpurkhas. All the Participants visited UNICOL Distillery and carbon dioxide plant. Participants were very keen to know all the process at the field and the facilities of analysis at the field.

A delicious Lunch was also served by UNICOL Distillery, it was very good to know that all of the key officers of the field were graduated from Department of Chemical Engineering. After the Industrial visit all the participants visited Fort Umar at Umerkot. All participants observed the architecture of the fort and show concern about the distortion, rehabilitation and preservation of the historical fort, as a world heritage.

PICTORIAL GALLERY

INAUGURATION CEREMONY OF EVENT



The Inauguration Ceremony was held on 22nd September at Makhdoom Dawood Hall. Chief Guest was Engr. Shafique Ahmed Mahesar, Commissioner Mirpurkhas Division, Guest of Honor was Mr. Rafique Ahmed Mangi.



Respected Guests Expressing their feelings about Workshop.





Exchange of Shields, Worthy Vice Chancellor Presented Shield to the Chief Guest and Guest of Honor and the worthy Chairman Presented Shield to Vice Chancellor.



Participants during Inaugural Ceremony

Workshop Sessions : Lectures by Focal Persons



CERTIFICATE DISTRIBUTION



INDUSTRIAL VISIT

Rafhan Maize Products, Mehran Plant Kotri,



UNICOL Distillery Mirpurkhas



GROUP PHOTO

INAUGURAL CEREMONY



CONCLUDING CEREMONY

