


Faculty Member's Profile

	Dr. Khalil Ahmed Ibupoto	
	Professor and Dean FAE	
	(Ph.D) University of Newcastle, UK 1999 (Post Doc) Cranfield University Silsoe, UK 2004	
	<u>Department of Farm Structures</u> , <u>Faculty of Agricultural Engineering</u>	
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	Resume	https://fae.sau.edu.pk/fs/profiles/CV-Dr-Khalil-Ibupoto.pdf
HEC Approved Supervisor	Yes	

Description:

Prof. Dr. Khalil Ahmed Ibupoto, Ex-Chairman (BS-22), Pakistan Science Foundation (PSF) Islamabad, is now working as a **Professor SAU** after completing his tenure in April 2015 at **PSF**. He was working as **Chairman (Acting) PSF**, since Oct 7th, 2013 to Feb 23rd, 2015. He worked as **Member Science (BS-21)**, since April 2011 till joining back at SAU. Earlier, **Dr. Ibupoto** also acted as **Chairman PSF**, a number of times as and when Previous Chairman had been abroad. He had an additional charge of **Director General (BS-21)**, Pakistan Scientific and Technological Information Centre (PASTIC), Islamabad from May 2nd, 2011 to September 3rd, 2012. He was a Member on Curriculum Committee, HEC Islamabad and a Member EPE Committee, Pakistan Engineering Council Islamabad. **Dr. Ibupoto** got recommendation for the Post of **Vice Chancellor (BS-22)** twice; 1st time in October 2012 by the Standing Search Committee formulated by **Governor of Sindh** and 2nd time by Standing Search Committee formulated by **Chief Minister of Sindh** in April 2014. He also remained a **Director Research (ORIC)** at SAU Tandojam.

Since 2011, **Dr. Ibupoto** has represented Pakistan on different International Forums; i.e: **IRAN** for S&T Parks, **AZERBAIJAN** for Science Popularization and **United Kingdom** for LIYSF-2013. He also visited Korea currently and had collaboration meetings with Professors at Sungkyunkwan University, Suwon, **Korea** in Aug 2015.

Previously, **Dr. Ibupoto** worked as **Professor (BS-21)** as well as **Chairman**, Department of **Farm Structures**, Faculty of Agricultural Engineering (FAE), Sindh Agriculture University (SAU), Tandojam. He had a privilege to be the **Incharge Dean**, Faculty of Agricultural Engineering for some time and also remained **Head Invigilator, FAE**. Having a high profile, he had very important charges/additional assignments like: **Chairman**, Transport Management Committee, SAU, **Member**, Disciplinary Committees, SAU, **Chairman**, Faculty Liaison Committee, **Member** of various Departmental Boards and other committees. **Currently**, he is a **Member**, Board of Advanced Studies and Research (2015) and a **Convener**, Plagiarism Standing Committee (2016) at Sindh Agriculture University.

Dr. Ibupoto did his Bachelors in **Agricultural Engineering** from Sindh Agriculture University, Tandojam with high grades, while standing at **Second**. He earned a **COT Scholarship** on merit and went **United Kingdom** for higher studies in 1994. **Dr. Ibupoto** was awarded the degree of **Doctor of Philosophy** by University of Newcastle upon Tyne, **United Kingdom**. Also, he attended many relevant courses, seminars and conferences in/from the Department of Agricultural and Environmental Sciences. Not only that but **Dr. Ibupoto** made important developments in the field of **Post Harvest Technology**, which are identified as the major aspects of economy in **Food and Agriculture** sector, nowadays. In the achievements, some **Storage Techniques** were developed, **Basic data** on barley for researchers were produced and particularly **Malting / Brewing Industry (Pak & UK)** could be benefited, having a package of conditions to increase the **Germination** percentage. The **Research** summary is as under:

Research Profile

Research Interests:

- Post-Harvest Technology
- Storage techniques
- Food Process Engineering
- Modeling & Simulation

Projects

1.	Post Harvest Technology of Onion Vegetables in Sindh, (2.000 M) , Sindh Research, Govt: of Sindh, Pakistan. May 19 th , 2010 - June 30 th 2013.
2.	A NAVTEC-SAU Project titled “A Short Term Technical Training Programs For The Production of Skilled Labour In Different Agro Based Areas”, having a cost of 4.399 M and MoU was signed on 25 th Nov 2009 and Training started from 15.02.10 to 15.02.2011 .
3	Post Harvest Technology of the Cereal Grains in Sindh (39.600 M) (A Research Project submitted to SAU for HEC), Jan 2008.
4.	A Linkage Project on Post Harvest Technology Aspects with Professor & Dr. Naresh Magan (Cranfield Univ. Silsoe, UK) under discussion and writing. (My Post Doc Supervisor)
5.	Post Harvest technology for the Safe storage of the Cereal / Food grains under the different Ecological zones of Sindh. Three years Project (4.738 Million)
6.	To study the Storage structures of Wheat grain and their Suitability in accordance with location. A one year Project (Rs. 1,95,507.00)

Research Publications

1.	27 Research Papers Published in International and Foreign Journals. (List included in CV section)
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Teaching Profile

Sr. No.	Taught subject	Place	Year	Position
1.	Agricultural Process Engineering	FS, FAE, SAU TJAM	1991-2006	Assistant & Associate Professor
2.	Applied Electricity	FS, FAE, SAUTJAM	1983-1990	Lecturer & Assistant Professor
3.	Rural Electrification	FS, FAE, SAUTJAM	1883-1990	Lecturer &

				Assistant Professor
4.	Agricultural Implements	AEE, FAE, SAUTJAM	1987	Lecturer
5.	Agricultural Engineering	FASS, FCPD, FCPT SAUTJAM	1991-2004	Assistant Professor
6.	Food Process/Drying Techniques	Agricultural. Engineering Section , AES, University of Newcastle, UK	1995-1999	Assistant Professor & Ph.D. Scholar
7.	Unit Operation of Food Processing	FST, FCPD, SAUTJAM	2000-2001	Assistant Professor
8.	Crop Storage and Handling	FS, FAE, SAUTJAM	1999-2006	Assistant & Associate Professor
9	Heat & Mass Transfer in Grains (Ph.D. course)	FS, FAE, SAUTJAM	2005-6	Associate Professor
10	Solar Collector & Drying (Ph.D. course)	FS, FAE, SAUTJAM	2005-6	Associate Professor
11	Thermal Food Processing (Ph.D. course)	FS, FAE, SAUTJAM	2005-6	Associate Professor
12	Theoretical Simulation and Modeling (Ph.D. course)	FS, FAE, SAUTJAM	2005-6	Associate Professor
13	Post Harvest technology for Fruits & Vegetables (Ph.D. course)	FS, FAE, SAUTJAM	2005-6	Associate Professor
14	Storage of Cereal Grains (Ph.D. course)	FS, FAE, SAUTJAM	2005-6	Associate Professor
15	Fumigation of Grains (Ph.D. course)	FS, FAE, SAUTJAM	2007	Professor
16	Moisture Maintenance (Ph.D. course)	FS, FAE, SAUTJAM	2007	Professor
17	Maintenance and Protection of Agricultural Machinery	FS, FAE, SAUTJAM	2007	Professor

	(Ph.D. course)			
18	Storage of Cereal Grains (Ph.D. course)	FS, FAE, SAUTJAM	2008-10	Professor
19.	Unit Operation of Food Processing (Under Graduate course)	FST, FCPD, SAUTJAM	2010-11	Professor
20.	Heat and Mass Transfer in Food Processing (Under Graduate course)	FST, FCPD, SAUTJAM	2010-11	Professor
21	Solar Drying and Collectors	FS, FAE, SAUTJAM	2015-2017	Professor
22.	Theoretical Simulation and Modeling	FS, FAE, SAUTJAM	2015-2017	Professor

Students Projects:

- Project 1, Undergraduate
- Project 2, Masters Project
- Project 3, PhD Project

Additional Tasks: