

CURRICULUM VITAE

Prof. Dr. SHAKIL AHMED

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PAKISTAN

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ACHIEVEMENTS/AWARDS

- Won **Innovation Award for the Technology of “Mushroom Cultivation Technology”** in 4th Invention to Innovation Summit participated in the Exhibition on Technology having Potential for Commercialization on March 04-05, 2015 at University of the Punjab, Lahore-54590, PAKISTAN.
- My Team is part of **ICP Vegetation, 2018 Project and to establish Ozone Garden in our Botanical Garden**, University of the Punjab, Lahore-PAKISTAN in Collaboration with ICP Vegetation Programme Coordination Centre, Centre for Ecology & Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, United Kingdom.
- **Teaching Performance/Incentive Award** Rs. 40,000 for 2006; Rs. 28,000 for 2007; Rs. 30,000 for 2008.
- **Research Publication Award: Rs. 5,000** for 2008;
Research Publication Based Performance Awards: (Rs: 0.2 Million each year) 2010, 2012, 2015
Research Publication Based Increments: Continuous from 2008 to 2017
- **Higher Education Commission (HEC) Approved Ph.D. Research Supervisor since 2006**
- **Research Projects Awarded:** Completed: 19 Ongoing: 01 Submitted: 04
- **Research Publications:** Published: 66 Accepted: 05 Submitted: 06 (under review)+12
- **Research Theses Supervision Total: 98+29 OnGoing: 127**
- **Books Publications:** Published:04 Manual & Books (In Press): 04 Under Preparations: 09
- **Established New Research Laboratories: 05**
- **Training Courses / Training Workshops Completed: 54**
- **Member Reviewer Committee** of Higher Education Commission (HEC) for Research Project evaluation & funding.
- **Awarded Governor’s Scholarship (now called Chief Minister’s Scholarship)** for Ph.D. Studies at GC University, Lahore.
- **Worked as an Expert of Environmental Pollution**, appointed by the Secretary, Environment Protection Department (EPD), Govt. of the Punjab, Lahore.
- **Best Teacher of the College** for the sessions 1999-2000 & 2000-2001.
- **Worked As Examiners --** Evaluation and Viva of Theses, Paper Setter and Head examiner for theory & Practical at B.Sc., M.Sc. M.Phil. MS and PhD levels in different Universities of Pakistan from 2003 to today.
- **Conferences/Seminars/Workshops:**
Session Chair: 05 As Resource Person: 02 Organized: 52
Oral Presentations: 60 Poster Presentations: 17 Attended/participated:95

Areas of Research

- 1) Plant Ecology/Environmental Biology
- 2) Bio-Nanotechnology / Green Synthesis of Nano-Particals
- 3) Environmental Biotechnology
- 4) Environmental Friendly Integrated Disease Management (IDM)

Research Theses Supervision

Total: Completed: 98 +29 on going: 127

Research Projects

Total Funding Earned: 17.05 Millions (approximately)

- Research Project completed: 19
- Research Project on going: 01
- Research Project Submitted: 04

Advance Experimental Techniques Expertise's:

- 1) Preparation technique of EDU (Ethylene diurea an anti-pollutant chemical for Ozone), which is only manufactured in Massachusetts University, Amherst, USA in the world.
- 2) Monitoring of ambient Ozone as secondary air pollutant.
- 3) Monitoring of Oxides of nitrogen in the ambient atmosphere.
- 4) Monitoring of Sulphur dioxide in air.
- 5) Fermentation Techniques
- 6) Aerosol sampling and Characterization
- 7) Bioaerosol sampling and Characterization
- 8) Green synthesis or Biosynthesis of Nanoparticles

EMPLOYMENT RECORD

Total length of service: 26 years & 02 months

Teaching & Research Experience: 20 years and 06 months

Administrative/ Res. Experience: 05 years and 08 months

Additional Duties at University of the Punjab, Lahore

Sr #	Designation	Place of Posting/Office	Period
01	Hostel Superintendent	Sir Seyed International Hall (Boys Hostel # 02)	March, 2010 to September, 2013
02	Deputy Director – Research Operation	Office of Research, Innovation & Commercialization (ORIC)	September, 2010 to April 25,2017
03	Hostel Superintendent	Quaid e Azam Hall (Boys Hostel # 01)	September, 2013 to September, 2015
04	Hostel Warden	Quaid e Azam Hall (Boys Hostel # 01)	September, 2015 to July, 2017

ADMINISTRATIVE / OTHER EXPERIENCES

University Level

1. Additional duties performed at University of the Punjab, Lahore:

- Deputy Director Research, ORIC, University of the Punjab, Lahore since September, 2010 to April 2017.
- Member Punjab University BS (4 years) Committee for affiliated colleges since 18.02.2011 vide office order no D/651/Acad dated 18.02.2011 to April 2017.
- Member Board of Studies (BOS) of Botany in Department of Botany, University of the Punjab, Lahore since 19.08.2015 vide office order no D/ 3821/Acad dated 19.08.2015 to date.
- Member Departmental Doctoral Program Committee (DDPC), Department of Botany, University of the Punjab, Lahore since vide office order no D/1097 /Acad dated: 14.03.2017 to date.

- Member Faculty Board of Life Sciences (FBLS), Faculty of Life Sciences University of the Punjab, Lahore since 04.04.2017, vide office order no D/ 1482/Acad dated to date.
- Member Departmental Tunre Track Review Committee (DTRC), Department of Botany, University of the Punjab, Lahore, vide office order no D/1566 /Est-I dated 08.05.2017 to date.
- Member GRE preparation/conduct admission in MS/M.Phil/Ph.D. or equivalent programs committee for Department of Botany, University of the Punjab, Lahore vide office order no D/1512/Acad dated 07.04.2017 to date.
- Member Punjab University Research Publication Incentive Award Committee since 2008 to 2012.
- Member Curricula Committee for BS (4 Years) Program for affiliated Colleges, University of the Punjab, Lahore since 2011.
- Member Punjab University Disciplinary Committee for Unfair Means Cases (UMC) since February, 2010 to 2011.
- Team Incharge Punjab University monitoring & evaluation committee for the annual examination BA/ B.Sc. annual 2011.
- Team Incharge Punjab University monitoring & evaluation committee for the annual examination BA/ B.Sc. annual 2010.
- Resident Inspector/ Inspector for monitoring and evaluation the Punjab University annual examination BA/ B.Sc. 2009.
- Member Punjab University Budget Committee for the year 2008-09.
- Member Punjab University Inquiry Committee for three Cases during the year 2008-09.
- Member Punjab University Research Group which was constituted by Vice Chancellor from all the 12 Faculties or 72 Department of the University. This group is consisting of 24 members.
- Team Incharge Punjab University monitoring & evaluation committee for the annual examination BA/ B.Sc.; MA/ M.Sc. Part I & II and B.Com Part I & II 2008.

CONFERENCES / SEMINARS / WORKSHOPS

As Resource Person: 02
Oral Presentation: 60

As Session Chair: 05
Poster Presentation: 17

Conf/Seminar Organized: 52
Conf/Seminar Attended: 95

COMMUNITY SERVICES

LEARNED & PROFESSIONAL SOCIETIES/ JOURNALS

i) MEMBERSHIPS

- Life Member: Pakistan Botanical Society (PBS)
- Life Member: Asian Allelopathy Society (AAS)
- Life Member: Myco-Phytopathological Society of Pakistan (MYCOPS)
- Life Member: Pakistan Biological Society (PBS)
- Life Member: Pakistan Phyto-pathological Society (PPS)
- Member: Pakistan Weed Science Society (PWSS)

ii) EXECUTIVE POSITION

Sr #	Position	Society Name	Period
1	Vice President (Punjab)	Pakistan Phyto-pathological Society (PPS)	2010 to 2012
2	Councilor	Pakistan Phyto-pathological Society (PPS)	2008 to 2010
3	Treasure	Pakistan Myco-Phytopathological Society of Pakistan (MYCOPS)	Since 2005
4	Ex-Executive member	Horticultural Society, GC University, Lahore	2002

REFERENCE

Available on request