

Name : Dr. Shiv Kumar Vyas
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PROFILE:

Dr. Shiv Kumar Vyas has multidisciplinary qualifications in the areas of Agricultural Engineering, Soil and Water Conservation Engineering, and Thermal Engineering. His research interests includes Field Irrigation & Water Conveyance, Thermo-fluid Dynamics involving Multiple Effect Distillation for Water Desalination, Design & Fabrication, Experimentation and Simulation etc.. He started his career as a Research Associate in 1987 at Water Technology Centre, Indian Agricultural Research Institute, New Delhi before joining IGNOU in 1988. He has to his credit Videos such as Energy Dissipators – A Programme on Hydraulics, Irrigation Channels, Discharge Measurement in Streams besides others which he developed with Prof. C. S. Moorthy (ex- IIT Kanpur) who was his mentor at IGNOU. He successfully piloted the B.Sc. (Nautical Science) programme in partnership with Directorate General of Shipping, GoI. He has been associated with IGNOU-Hero MotoCorp Project for its Certificate Programme in Motorcycle Service and Repair. He has coordinated B.Tech. (Civil- Water Resources Engineering) programme besides others. Over time he also developed interest in educational administration, and also conceived an employment oriented multidisciplinary “Bachelor Degree Programme in Office Administration” having inbuilt internship etc. and for which he carried out an Open Survey for its curriculum, acceptance and employability of such learners. The survey revealed that more than 95 percent of respondents agreed strongly and 90 percent of respondents agreed very strongly with the context and design of such programme. He has deep passion for work and loves to undertake challenging tasks, and has groomed himself as a trouble shooter.

EDUCATION:	
Doctor of Philosophy (2005)	Indian Institute of Technology, New Delhi Applied Mechanics Department Topic: <i>A Small-Scale Multiple Effect Distillation (MED) System for Rural Drinking Water Supply</i>
Master of Science (Agricultural Engineering) with Major: Soil and Water Conservation Engineering), Minor: Agricultural Statistics (1989)	Indian Agricultural Research Institute, New Delhi Division of Agricultural Engineering Dissertation Topic: <i>Evaluation of Performance of a Canal Irrigation System – A Case Study</i>
Bachelor of Technology (Agricultural Engineering) (1984)	G.B. Pant University of Agriculture and Technology, Pantnagar (Nainital) College of Technology

WORK EXPERIENCE:

38 years

INTERNATIONAL ASSIGNMENTS:

Nil

FELLOWSHIP/ AWARDS:

Sl.No.	Name of the Fellowship/Awards	Granting/ Awarding Institution	Year
1.	University Bursary Scholarship	G.B. Pant University of Agriculture and Technology, Pantnagar (Nainital)	1982-83

PUBLICATIONS:

- BOOKS: Nil
- RESEARCH PAPERS PUBLISHED: 13
 - ✓ Research Papers in Peer Reviewed Journals: 02
 - ✓ Chapters in Books: 08
 - ✓ Papers presented at International/ National Conferences: 04
- POLICY DOCUMENTS: 02

MEMBERSHIP OF PROFESSIONAL BODY/ STATUTORY BODY (INTERNAL/ EXTERNAL):

Membership of Professional body/ Statutory body	Name of statutory body/ institution/	Period
Indian Society of Agricultural Engineers	IASE, India	Life Membership
National Society of Fluid Mechanics and Fluid Power	NSFMP, India	Life Membership
Academic Council, IGNOU, New Delhi	IGNOU, New Delhi	June-2012 to June-2014
Board of Studies -School of Engineering & Technology, IGNOU, New Delhi	IGNOU, New Delhi	For past many years since 1991 with few breaks in between