


Format for faculty (FRI Deemed University)

Name: Dr Satendra						PHOTO 
Designation: International Disaster Risk Reduction Expert			Date of joining:			
Email ID: satendras@gmail.com			Contact no.: 8130554694			
Area of interest/ specialisation:						
Academic Qualifications	Degree	Institution	University	Year	Specialisation	Any Remark
	Graduation	Hans Raj College	Delhi Uni	1979	Geology, Chem, Physics	Delhi University Gold Medal
	Post Graduation	--do---	--do---	1982	Applied Geology	University Merit Certificate
	PhD	Geology Deptt	--do----	1985	Himalayan Geo tectonics	
	NET/Any other	MBA	Business College	Hull University, UK	Disaster Management	
	PG Diploma	IGNFA		1989	Forestry	
	PG Diploma	IIEE		1997	Ecology and & Eenvt	
	Post Doctoral	IIPA		2004	Sustainable Rural development for Disaster Management	
Professional experience in chronological order ATTACHED AT ANNEXURE 1	Designation	Employer detail	Period of experience		Nature of work/Duties	
			Date from	Date to		
	ATTACHED AT ANNEXURE 1					
Experience	Teaching	Total experience:	Courses taught in graduate level		Courses taught in post graduate level	
		1.				
		2.				
		3.				

		4.							
Research	Total experience: >10 years	No. of paper publications		No. of Book publications: 11	No. of Book chapter:	No. of Student guide			
		National: >50	International:			Ph.D.: 2	M.Sc.		
				Conference/ Seminar/ Workshop >100			Patents:	Awards/ Recognition:	
		Area of research: Disaster Management & Climate Change	Completed: 11	Ongoing: 1	Organised: >40	Attended: 60			

Annexure 1

Working Experience

S N	Organisation	Period	Job Description	Remarks
1.	Food and Agriculture Organisation of the United Nations, Egypt Regional Office Designation: International Disaster Risk Reduction Consultant	May 2021-Cont. Max up to Dec 2021	<ul style="list-style-type: none"> • Study disaster impact on agriculture, including water and soil pollution impacts on agricultural sectors-(crops, cattle, forestry and fishery sectors) in NENA countries. • Environmental degradation and its impact on agriculture production and food security. • Soil and water pollution (Salinity) due to sea-level rise and its impact on agriculture production. • Risk and vulnerability assessment of environmental disasters, including pollution. 	Work based-going to complete in Late November
2	Bihar State Disaster Management Authority Designation: Senior Adviser-	15 th May, 2018 to April 2020	<ul style="list-style-type: none"> • Facilitate in developing Natural Disaster Risk Mgt. Policy and Planning. • Capacity Building for disaster risk mitigation and response • Chemical and biological disasters impact and their management. <p>Facilitate in developing Air and Water-pollution related reports.</p>	
3	Department of Health, Govt of Bihar, Patna, India. Designation: Director General and I/C Disaster Management and CEO Medicinal Plant Board	Sep 2016 to March 2018	<ul style="list-style-type: none"> • Promote cultivation of medicinal plants in barren and waste-land and also as disaster-resilient livelihood adaptation options. • Role of selected medicinal plants in reducing water and soil pollution. • Developing action plans for popularizing medicinal plant cultivation • Capacity building, including technical know-how of farmers and creating awareness <p>Support in providing better market opportunities for the medicinal plant products</p>	
4	FAO, United Nations, Lao PDR Designation: Chief Technical Adviser and Disaster Risk Management (DRM) Facilitator	January, 2015 to June 2016	<ul style="list-style-type: none"> • Climate change & disaster risk reduction in agricultural sectors; also include environmental disaster risk. • Environmental degradation and pollution impact on agricultural sectors- crop, forestry, fishery and cattle. • Capacity building of farmers and agriculture extension staff in planning disaster and pollution impact on agriculture • Developing community-based disaster and climate change risk reduction action plans in agricultural sectors <p>Overall administration of the project activities and interacting with national and donor agencies</p>	

5	National Institute of Disaster Management. Designation: Executive Director	August 2011 to Dec. 2014	<ul style="list-style-type: none"> • Develop training modules, undertake research and documentation in disaster/ Climate change/ Pollution risk management and organize training programmes, workshops, conferences etc.; • Develop training modules and impart training on chemical, biological, radiological and nuclear disasters. • Carried out research studies about water and air pollution and their impact on ecology and bio-diversity, including wildlife. • Provide assistance in national-level disaster/ climate/ pollution risk management policy formulation; • Provide assistance to the State Governments in the formulation of State-level policies, strategies, risk reduction management framework <p>Develop educational materials for Risk Management, including academic and professional courses.</p>	
6	South Asian Association for Regional Cooperation (SAARC) Disaster Management Centre, New Delhi Designation: Director-	January 2012 to March 2013	<ul style="list-style-type: none"> • Supervision of academic and administrative activities of the Centre. • Organising conferences/workshops / training programmes in Disaster/ Climate and Pollution Risk Management for SAARC Member Countries. • Facilitate studies on water, soil and air pollution and its impact on livelihood. • Pollution risks in urban settlements, their impact and management. • Supervision of research / documentation work in Disaster Risk Management and Climate Change Adaptation (CCA) related to the SAARC region, including environment degradation and pollution induced disaster risk. • Developing Roadmaps for Disaster Risk Management (DRM) for these countries, including pollution generated disaster risk. <p>Knowledge networking through the development of portals - South Asia Risk Knowledge Network and South Asia Vulnerability Atlas</p>	
7	SAARC Disaster Management Centre, New Delhi Designation: Head, Knowledge Management	February, 2011 to July, 2011	<ul style="list-style-type: none"> • Organising conferences/workshops / training programmes in Disaster/ Climate and Pollution Risk Management for SAARC Member Countries. • Facilitate studies on water, soil and air pollution and its impact on livelihood. • Pollution risks in urban settlements, their impact and management. • Supervision of research / documentation work in Disaster Risk Management and Climate Change Adaptation (CCA) related to the SAARC region, including environment degradation and pollution induced disaster risk. • Developing Roadmaps for Disaster Risk Management (DRM) for these countries, including pollution generated disaster risk. 	
8	Department of Disaster Management. Govt. of	July- 2009 to	<ul style="list-style-type: none"> • Capacity Building of State Government officials by conducting training programmes for various role players and stakeholders, including designing, preparing 	

	<p>Bihar, India.</p> <p>Designation: Special Secretary- Disaster Management</p>	<p>January - 2011</p>	<p>training schedules, arranging resource persons and other logistics.</p> <ul style="list-style-type: none"> • Helping in developing Human Resource Development Policy for Risk Management. • Help and guidance in the preparation of Risk Mgt Plan at state, district and lower levels, incorporating Disaster/ Climate Change and Pollution Risk components. • Coordinating and interacting with nodal ministry at the Central level i.e. Ministry of Home Affairs (MHA), Pollution Control Board, National Disaster Mgt Authority and other state-level line departments/ agencies, including INGOs. • Preparing manuals and booklets related to various natural/ environmental/ pollution disasters common in the state and also climate change risks. <p>Supervision/ implementation of GOI- UNDP sponsored Risk Reduction programme in the state. The programme includes the overall capacity building of the state (including community) in the state on disaster, climate and environmental degradation risk reduction.</p>	
9	<p>Food and Agriculture Organization-United Nations</p> <p>In Philippines</p> <p>Designation: International Expert- Disaster/ Climate Change Risk Management</p>	<p>In 3 mission in 2009</p>	<ul style="list-style-type: none"> • Review the local Disaster / Climate Change / Environmental Risk Management system, assessment undertaken by the national resource centre and provide additional insight on the systems' strengths and weaknesses and opportunities for improvement, <ul style="list-style-type: none"> ○ Facilitate studies about environmental degradation, mainly water pollution and its impact on agricultural sectors (crop, cattle, forestry and fishery); and also ○ Agriculture Pollution (biotic and abiotic products of farming practices) and their impacts on the environment, mainly water bodies contamination). • Designing and participating as a key resource person for training seminars/ training programmes for the Department of Agriculture provincial and municipal staff, Local Governments Units (LGUs) and representatives of villager organizations; • Guiding and supporting national consultants in drafting Situational Risk Assessment Report based. • Assisting and guiding national consultants in preparing community-based Risk Management plans; 	
10	<p>Food and Agriculture Organization-United Nations in Bangladesh</p> <p>Designation: Team Leader / International Expert – Disaster/ Climate Change Risk</p>	<p>June-2008 to June 2009</p>	<ul style="list-style-type: none"> • The project entitled “Livelihood Adaption to Climate Change Risk” aimed to improve adaptive capacity to climate change and pollution generated risks. • Facilitate implementing risk reduction practices in the context of environmental degradation and soil/ water pollution, especially in coastal regions. • Implement in a participatory way and jointly with local communities good practices and strategies to effectively address climate change and environmental 	

	Management,		<p>degradation related risks.</p> <ul style="list-style-type: none"> • Provide recommendations for up-scaling and mainstreaming of successfully pilot-tested options into development planning. • Provide strategic guidance to project partners in liaising with relevant government departments/ agencies, • Guide and coordinate the activities with the selected national NGOs to conduct livelihood profiling, and identify local adaptation practices to climate change/ environmental problems in severely risk-prone areas within Bangladesh, and assess their replicability. • Ensure close interaction between different actors and partners and monitor the delivery of disaster / pollution risk / climate change adaptation options from selected subject matter specialists, consultants and national organizations. 	
11	<p>Food and Agriculture Organization-United Nation (FAO-UN) Work station: Republic of Moldova-</p> <p>Designation: International Expert – Disaster Risk Management</p>	Two missions	<ul style="list-style-type: none"> • Institutional analysis related to disaster/environmental/ climate change risk management in agriculture; • Provide technical guidance in preparing and training needs assessment among field technicians and farmers associations risk and its management; • Responding to the training needs assessment, develop tailor-made training contents/sessions to strengthen agriculture field technicians and empower farmers’ associations. <p>Take lead responsibility for the technical design, implementation and facilitation training workshop on disaster risk reduction and environmental issues.</p>	
12	<p>Department of Disaster Management. Govt. of Bihar, India.</p> <p>Designation: Special Secretary- Disaster Management</p>	September, 2005 to Oct. 2007	<ul style="list-style-type: none"> • Capacity Building of State Government officials by conducting training programmes for various role players and stakeholders, including designing, preparing training schedules, arranging resource persons and other logistics. • Helping in developing Human Resource Development Policy for Risk Management. • Help and guidance in the preparation of Disaster and Environmental Risk Mgt Plan at state, district and lower levels, incorporating Disaster/ Climate Change/ Environmental Risk components. • Preparing manuals and booklets related to various natural/ environmental/ pollution disasters common in the state and also climate change risks. <p>Supervision/ implementation of GOI- UNDP sponsored Risk Management programme in the state. The programme includes the overall capacity building of the state (including community) in the state.</p>	

13	Food and Agriculture Organization, UN in Bangladesh Designation: International Lead Technical Consultant-Disaster Management	Nov, 2004 to June, 2005	<ul style="list-style-type: none"> • Technically coordinate and guide the project implementation process. • Helping Department of Agriculture Extension in capacity building by giving necessary technical support in developing policies and long term strategies on climate change/ environmental degradation induced risk management. ○ Facilitate agriculture university to carry out studies related to Air pollution caused by changing land use pattern and animal agriculture practices and its impact on the environment and ecology. 	
14	National Centre for Disaster Management and National Institute for Disaster Management, Ministry of Home Affairs, Designation: Natural Disaster Management Consultant & Post Doctorate Research Fellow	Jan. 2001 to Feb, 2004	<ul style="list-style-type: none"> ▪ Capacity Building of State and Federal Governments by conducting training programmes. ▪ Helping federal and state govts. in capacity building by developing policies and long term strategies on disaster/ climate change and environmental risk management. ▪ Interaction and coordination with various Government and Non-Government Organizations. ▪ Helping various organizations (Government and Non-Government both) in HRD and Capacity Building by providing training and organizing seminars/conferences. <p>Post Doctoral Research on “Sustainable Rural Development for Disaster Mitigation”: A detailed study was carried out covering different aspects of natural/ environment related disaster risk management, especially in the rural areas</p>	
15	Ministry of Rural Development, Government of India, New Delhi Designation: Deputy Secretary	July 1997 to Dec 2000	<ul style="list-style-type: none"> • Providing necessary guidelines and helping in formulating policy related to training of rural development functionaries. • International cooperation in the field of Rural Development and related issues. Coordination with international organizations like Afro-Asian Rural Development Organization (AARDO), Centre on Integrated Rural Development for Asia and the Pacific (CIRDAP), etc. <p>Help in the development of training modules and conducting training programmes for ministry officials for their Capacity Building</p>	
	Ministry of Environment & Forest (MoEF), Govt. of India, New Delhi Designation: Assistant Inspector General (Forest Fire Division)	Oct 1996 to Jun 1997	<ul style="list-style-type: none"> • Supervision of Forest Fire Prevention, Control and Forest Conservation Schemes, implemented by Govt. of India in various parts of the country. • Worked as In-charge of “Forest Fire Air Operation Wing” of MoEF, Gol. • Help and facilitate state governments to monitor and reduce forest fire generated pollution and long term impacts on soil and water and their rejuvenation. 	

			Also helped in implementing the “Joint Forest Management Scheme” of MoEF, ensuring people participation in Forest Conservation.	
16	Ministry of Environment and Forest and Forest Department, Bihar Government Designation: Deputy Conservator of Forests	July 1987 to Sep 1996	<ul style="list-style-type: none"> • Development of forest area, its protection/conservation, social forestry and other related activities i.e. watershed management, pollution control, organization of Joint Forest Management and the Environmental Management Committees at village levels etc. • Implementation of the Joint Forest Management Scheme (JFM) ensuring people participation in Forest Protection, Environment conservation and Pollution control. • Implement Pollution control measures, especially for industries and mines in the division. <p>Organise programmes for Community Participation in Forest Conservation and also create awareness among people.</p>	