

Manish Kumar Sharma

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College of Agriculture

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Academic background

- o Ph.D.(Hort) in Floriculture from AAU, Anand, India
- o M.Sc.(Agri) in Horticulture from GAU, Sardarkrushinagar, India
- o B.Sc.(Agri)Hons (4 years' course) from RAU, Bikaner, India

EXPERIENCE

- Assistant Professor (Horti), College of Agriculture, Sardarkrushinagar Dantiwada Agril. University, Tharad, since Aug.1, 2012
- Senior Horticulturist at Jain Hi-Tech Agri Institute, Jain Irrigation Systems Ltd Jalgaon in May 3, 2007-July 31, 2012
- Horticulturist (Research) at Indian Institute of Advanced Research, Koba, Gandhinagar (Gujarat) in March 2006 to April 2007
- Project Assistant at Central Salt & Marine Chemical Research Institute (CSIR), Bhavnagar, India in Sept 2005 to Feb 2006

Research interest

- 1. Germplasm collection and conservation of ornamental, medicinal and aromatic plants
- 2. Introduction of need based and sustainable precise cultural practices in horticultural crops
- 3. Research on precise irrigation and nutrient management
- 3. Value addition in floriculture
- 4. Development of need based Landscape irrigation modules

Expertise on some important precise technologies

Micro-irrigationFertigationProtected HorticultureTeaching

Teaching Achievements -

PG (Ph.D./M.Sc.: 6 courses UG : 12 cou	urses	Diploma: 2 courses

Outreach and extension focus

- Extension efforts are directed mainly at producers of horticultural crops both in open field and greenhouse farmers' seminar, meeting, training and mega event 'Krushi Mahotsav' and Doubling Farmers Income in Gujarat.
- Participated and leaded crop based campaign, door step seminars, field visits, farmer meets, field demonstration to introduce crops and precise production technologies in various parts of country at JISL, Jalgaon during 2007 to 2012.

Supervised PG students

Major Advisor = Supervised 6 M.Sc.(Hort) students.

Minor Advisor = Supervised 4 M.Sc.(Hort) students.

International Exposure

Country	Purpose/Subject title	Funding agency
and place		
STATE OF	Attended "International Training on "Agricultural	Host Organization: Centre for International Agricultural
ISRAEL	Extension – Planning, Methods For Field Extension	Development cooperation (CINADCO), MASHAV, STATE OF
	Agents" during 2011	ISRAEL)
STATE OF	Attended "International Training on "Agricultural	Host Organization: Centre for International Agricultural
ISRAEL	Extension – Planning, Methods For Field Extension	Development cooperation (CINADCO), MASHAV, STATE OF
	Agents" during 2011	ISRAEL & sponsored by Govt of India.
STATE OF	Attended "Agronomist Seminar" during 2009	Host Organization: NaanDanJain, NAAN ISRAEL
ISRAEL		

Invited lead speaker and Chairmanships at National or International Conference / Seminar etc.

	Topic	Event	Organized by
1.	Microirrigation- Way of second	2nd Green Revolution Summit & Expo 2008 on 24-	Indian Chamber of Ccommerce
	Green Revolution	26.9.2008 at Science City, Kolkata, WB	& West Bengal Govt.
2.	Modern irrigation solution is master	Homi bhabha centenary, DAE-BRNS National symposium on	Bhabha Atomic Research Centre,
	key of sustainable landscape	Landscaping for Sustainable Environment. at BARC, Mumbai.	Trombay, Mumbai
	development	(20-21 Nov. 2008)	
3.	Expert in 'Krishi Darshan' live	Krushi Darshan Programme (2009)	Doordarshan
	telecast expert-farmer interaction	_	
	programme of Doordarshan		
4.	"Greenhouse Technology"	As Invited resource person in winter school held on	UAS, Dharwad, Karnataka
		18.12.2009	
5.	Greenhouse Technology	National level Entrepreneur Training programme on "New	CFMT&TI, Govt. of India, Budni,
		Dimensions in Farm Machinery Extension Management" on	MP
		10.11.2009	

5.	Precise water and nutrient	National Level Farmer Meet, Confederation of Indian	CIFA, New Delhi & Min. of
	management in Agriculture	Farmers Association (CIFA), New Delhi (2&3.12.2009)	Agriculture, Govt. of India
7.	Micro-irrigation for enhancing	National conference on Agriculture in Jammu & Kashmir	CII & SKUA&T, Jammu (J&K)
	productivity & resource use efficiency	on 12.12.2009	·
	in J&K"		
3.	Hi-Tech Agriculture	Special Training on Hi-tech Agriculture for farmers from	Govt. of Afghanistan & Govt. of
		Afghanistan at Jain Hi-Tech Agri Institute, JISL, Jalgaon	India
		(Maharastra) during 13-18.1.2010	
₽.	Precise Irrigation technologies for	India International Potato Expo 2010 conference held at	CIP, CPRI, MOFPI, ICC, ICAR
	bumper Potato production	NASC Complex (ICAR), PUSA, New Delhi on 8-9.7.2010	
0.	Soil Plant and Water Relationship	Training for visiting Agronomists of NADEC, South Arabia	NADEC, South Arabia & JISL,
		at JHAI, Jalgaon on 29.4.2010	Jalgaon
1.	Dry flower industry in India:	National Seminar on "Awareness and promotion of Dry Flower	NAU, Navsari
	Opportunities, Constraints and Future	Exports and Industry of Gujarat 2017	
	Strategies		
2.	Heavy metal accumulation in	Summer school o "Phytoremediation: Challenges and Scope	ICAR, New Delhi & SDAU,
	flowering plants	under Heavy Metal Stress" at SDAU, Sardarkrushiagar	Sardarkrushiagar
β.	Fertigation in greenhouse production	Skill Development Taining on Protected Cultivation (2018) at	ACH&F, NAU, Navsari &
		NAU, Navsari	MSDE, Min. of Agri. Farmer
			Welfare, Govt of India
4.	Modern irrigation solutions for	Winter School on Enhancing Water Productivity in Agriculture	ICAR, New Delhi & SDAU,
	sustainable landscape development in	for Scarcity Zones (2019) at SDAU, Sardarkrushiagar	Sardarkrushiagar
	water scare zones		
5.	Xeriscaping – potential approach for	Winter School on Enhancing Water Productivity in Agriculture	ICAR, New Delhi & SDAU,
	sustainable landscaping in water scare	for Scarcity Zones (2019) at SDAU, Sardarkrushiagar	Sardarkrushiagar
	zones		

Publications

Research papers: Published in International/ National Journals: **10** Abstracts : **6** Vernacular articles: **15** Published in proceedings of Seminar/Symposium: **12** Extension bulletin: **1** Popular article : **20**

Training Manuals : 5 Book/Directory : 1 Subject based reading material : 5

Membership in International & National forum

Lifetime member of 8 International & National scientific forum & societies

Other relevant information

- Stood Best Participant of the Winter school,
- Qualified National Eligibility Test (NET) for Assistant Professor-ship on "Floriculture" in 2005 conducted by Agricultural Scientist Recruitment Board, Govt. of India
- Earlier resource person for FICCI & ICCI