

## Curriculum-Vitae

**Full Name** : Dr. Sanjay Swami  
**Designation** : Professor (Soil Science & Agril. Chemistry)  
**Present Address** : School of Natural Resource Management,  
College of Post Graduate Studies in Agril. Sciences,  
(Central Agricultural University)  
**Umiam (Barapani) - 793 103, Meghalaya, India**



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**Research Interests** : Natural resource management in Indian Himalayan region with special emphasis on nutrient management in acidic soils, land use planning, development of location specific integrated farming systems for resource poor small holders, etc.

### **Academic Qualifications:**

Degree/ Diploma	Board / University	Major field of specialization	Year of passing	Division	Scholarship/Med al/Award, if any
B.Sc. (Ag.) Honours	Rajasthan Agricultural University, Bikaner, Rajasthan	Elective: Soil fertility	1999	1 <sup>st</sup>	Jindal Trust Merit Scholarship
M.Sc. (Ag.) Soil Science	CCS Haryana Agricultural University, Hisar, Haryana	Soil fertility/ chemistry/ microbiology	2001	1 <sup>st</sup>	Departmental Scholarship
Ph. D. (Ag.) Soil Science	CCS Haryana Agricultural University, Hisar, Haryana	Soil fertility/ chemistry/ microbiology	2004	1 <sup>st</sup>	Departmental Scholarship
National Eligibility Test (NET)	Agricultural Scientist Recruitment Board, New Delhi	Soil fertility/ chemistry/ microbiology	2004	Awarded	--
Certificate in Environmental Science	IGNOU, New Delhi	Environmental science	2011	Awarded	--
JRF/SRF/ Fellowship etc.	Indian Council of Agricultural Research, New Delhi	Soil fertility/ chemistry/ microbiology	2003	Awarded	--

### Employment Record:

Sl. No.	Designation	Organization	Scale of pay with AGP	Period		Duration (Years, months)	Nature of work
				from	to		
1.	<b>Senior Research Fellow-</b> Soil Science & Agricultural Chemistry	CCS HAU, Hisar Place of Posting: Department of Soil Science	Rs. 8000/- +HRA P.M.	July 2003	Sept. 2003	2 Months approx.	Research/ Extension
2.	<b>Senior Research Fellow-</b> Soil Science & Agricultural Chemistry	CSSRI, Karnal Place of Posting: Division of Soil and Crop Management	Rs. 8000/- +HRA P.M.	Sept. 2003	June 2006	2 Years and 8 Months approx.	Research/ Extension
4.	<b>Research Associate-</b> Soil Science & Agricultural Chemistry	Division of Soil Science & Agril. Chemistry, SKUAST-Jammu	Rs. 11500/- + HRA P.M.	June 2006	June 2007	01 Year and 01 Month approx.	Research/ Extension
5.	<b>Assistant Professor- Soil Science &amp; Agricultural Chemistry</b>	Division of Soil Science & Agril. Chemistry, SKUAST-Jammu	Rs. 15,600- 39,100/- + AGP 6000/-	18 June 2007	17 June, 2011	04 Years	Teaching/ Research/ Extension
6.	<b>Assistant Professor (Sr. Scale) - Soil Science &amp; Agricultural Chemistry</b>	Division of Soil Science & Agril. Chemistry, SKUAST-Jammu	Rs. 15,600- 39,100/- + AGP 7000/-	18 June 2011	Feb., 2012	08 Months approx.	Teaching/ Research/ Extension
7.	<b>Sr. Scientist &amp; Head</b>	KVK, SKUAST-Jammu	Rs. 15,600- 39,100/- + AGP 8000/-	24 Feb, 2012	23 Feb, 2015	03 Years	Extension/ Research/ Teaching
8.	<b>Sr. Scientist &amp; Head</b>	KVK, SKUAST-Jammu	<b>Rs. 37,400- 67,000/- + AGP 9000/-</b>	24 Feb, 2015	17 May, 2016	01 Years and 03 Months approx.	Extension/ Research/ Teaching
9.	<b>Associate Professor- Soil Science &amp; Agricultural Chemistry</b>	College of PG Studies in Agricultural Sciences, Central Agricultural University,	<b>Rs. 37,400- 67,000/- + AGP 9000/-</b>	18 May, 2016	23 Feb, 2018	01 Year and 09 Months approx.	Teaching/ Research/ Extension

		Umiam (Barapani), Meghalaya					
10.	<b>Professor- Soil Science &amp; Agricultural Chemistry</b>	College of PG Studies in Agricultural Sciences, Central Agricultural University, Umiam (Barapani), Meghalaya	<b>Rs. 1,41,200/- + (Level 14)</b>	24 Feb, 2018	Contd.	Contd.	Teaching/ Research/ Extension

**WORKING EXPERIENCE IN INDIAN HIMALAYAN REGION:**

Since my joining as Research Associate on 12-06-2006 at SKUAST-Jammu, I worked in North West Himalaya continuously up to 17-05-2016 (Approx. 10 years) and thereafter, I joined Central Agricultural University and working in the North Eastern Himalayan region.

**TEACHING/RESEARCH/EXTENSION/ADMINISTRATION EXPERIENCE:**

**(A) TEACHING:**

Sl. No.	Institution	Details		Years		Total Experience
		U.G.	P.G.	From	To	
1.	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu	U.G.	P.G.	18 June 2007	17 May, 2016	08 Years and 11 Months
2.	School of Natural Resource Management, College of PG Studies in Agricultural Sciences (CAU-I), Umiam (Barapani), Meghalaya	U.G.	P.G.	18 May 2016	Contd.	Contd.

**(B) RESEARCH:**

**Externally Funded Projects:**

Sl. No.	PI/Co-PI/other	Title	Year of sanction	Amount	Funding Agency
1.	PI	Development of Technology to Harness the Productivity Potential of Salt Affected Soils of Command Areas of Jammu Division	2011	15.85 Lacs	UGC
2.	PI	Enhancing Livelihood Opportunities through	2014	414.00	ICAR

		Agro-Technological Interventions of Tribal Communities of Budhal and Poonch Blocks of Rajouri and Poonch Districts		Lacs	
3.	PI	Standardization of Agro-techniques and Recommendations on Integrated Nutrient Management for Stevia ( <i>Stevia rebaudiana Bertoni</i> ) under Sub-tropical belt of Poonch	2014	22.25 Lacs	RKVY
4.	Co-PI	Mobile Based Agricultural Extension System in North-East India (m4agriNEI)	2016	450 Lacs	Ministry of Communications and Information Technology
5.	PI	Screening and Upscaling of Most Efficient Integrated Farming Systems under Fragile Hill Ecosystem of North East India for Ensuring Livelihood Security of Tribal Farmers	2018	500 Lacs	NMHS

#### Inter-Institutional Projects:

Sl. No.	PI/Co-PI/other	Title	Institutions	Year of sanction	Duration	Amount	Funding Agency
1.	I/c of Jammu Centre	IARI-Post Office-Farmer Linkage Extension Model Project	IARI, New Delhi	2012	3 years	55.00 Lacs	ICAR
2.	PI	Establishment of the critical limits of available phosphorus in the soils of Jammu district for wheat and maize crops	SKUAST-Jammu	2010	2 years	0.30 Lacs	SKUAST-Jammu
3.	PI	Effect of Vermi-compost, FYM and chemical fertilizers on yield, nutrient uptake of and soil fertility build-up in Onion ( <i>Allium cepa</i> ) - Okra ( <i>Abelmoschus esculentus</i> ) Sequence	SKUAST-Jammu	2012	3 years	0.50 Lacs	SKUAST-Jammu
4.	Co-PI	Micro-nutrient status of soils under rice growing areas of Jammu	SKUAST-Jammu	2010	2 years	0.30 Lacs	SKUAST-Jammu
5.	Co-PI	Assessment of soil fertility and erodibility status of farm at RARS/KVK, SKUAST-J, Rajouri	SKUAST-Jammu	2010	2 years	0.30 Lacs	SKUAST-Jammu

**Research Guidance:**

	<b>M.Sc.</b>	<b>Ph. D.</b>
Major Advisor	13	05
Member of Advisory Committee	12	04

**(C) EXTENSION:****Training Programmes:**

- (a) Farmers/farm women training programme:** Organized 111 number of Farmers/farm women training programme **No. of beneficiaries: 2366**
- (b) Vocational training programme for unemployed youths:** Organized 15 number of Vocational training programme for unemployed youths: **No. of beneficiaries: 242**
- (c) In-service training programme for field functionaries:** Organized 18 number of In-service training programme for field functionaries: **No. of beneficiaries: 198**

**Other Extension Activities:**

1. Laid 694 Nos. of Frontline demonstrations (FLDs) covering an area of 152.2 ha on different crops like maize, wheat, mash, till, paddy, gram, toria, gobhi sarson, marigold, fodder crops, fish, poultry, etc.
2. Laid 20 Nos. of On Farm Trials (OFTs) on various problems identified during field visit/diagnostic visits
3. Exposure visits:
  - (a) 30 farmers sent to National Level Pusa Krishi Vigyan Mela at Indian Agricultural Research Institute (IARI), New Delhi during 6-8 March, 2013
  - (b) 20 farmers sent to National Level Krishi Vigyan Mela (Krishi Vasant) at Nagpur during 2014
4. Organized 4 numbers of Scientific Advisory Committee Meetings of KVKs
5. Organized 15 numbers of Field Days on various crops
6. Organized many sponsored training programmes viz. Two on PPVFRA, 2001; Two on Micro-irrigation in Floriculture; Two on Promotion of Floriculture; Brain Storming Session on Promotion of Straw-Berry cultivation in Jammu
7. Organized 4 Animal Clinical Camps
8. Many Campaigns were launched viz. Seed treatment campaign, Eradication of Parthenium, Soil Testing, Clean India Campaign, etc.

9. Celebrated various days/weeks viz. International Women's day, National Girl Child Day, ICAR Foundation Day, Parthenium Awareness Week, Digital India Week, etc.
10. Extension Literature: Published around 10 extension/popular articles and distributed pamphlets on various themes.
11. Adopted a remote village Degwar with the objective to develop the village as a pioneer village in maize production in district Poonch as well as in J&K State
12. **Mera Gaon, Mera Gaurav (MGMG) Scheme:** Actively engaged in MGMG programme by visiting farmers field every week to address the various problems faced by local farmers on time, imparting need based trainings and input to the farmers ensuring their sustainable livelihood security.
13. Co-Organizer for one week training programme on "Management of Paddy Cultivation" at School of NRM, CPGS (CAU), Umiam-793 103, Meghalaya during 16 to 22 August, 2016.
14. Popularizing Real time nitrogen management in paddy through Leaf Colour Chart by way of live demonstrations, training programmes, etc.
15. Creating awareness regarding maintaining and improving soil health through centrally sponsored scheme: Soil Health Cards
16. Organized 5 Days Farmers' Training Programme on Organic/Natural Farming/Cow Based Economy at CPGS during 21-25 March, 2017 sponsored by the Education Division of Indian Council of Agricultural Research (ICAR), New Delhi under Pandit Deen Dayal Upadhyay Unnat Krishi Shiksha Yojana.
17. Delivered many lectures for various stakeholders like State Govt. Officers, Range Forest Officers, Farmers selected under Tribal Sub Plan, MGMG Programme, Pt. Deen Dayal Uppadhyay Unnat Krishi Shiksha Yojana, etc.
18. Developing three selected villages of Ri-Bhoi district, Meghalaya as *Fruit Villages* by distributing fruit plant saplings to the fruit growers for ensuring nutritional security in the region.

**Research/Extension Experience Prior to Joining of Permanent Job:**

1.	<b>Senior Research Fellow-</b> Soil Science & Agricultural Chemistry	CSSRI, Karnal Place of Posting: Division of Soil and Crop Management	Rs. 8000/- +HRA P.M.	Sept. 2003	June 2006	2 Years and 8 Months approx.	Research/ Extension
2.	<b>Research Associate-</b> Soil	Division of Soil Science & Agril.	Rs. 11500/- +	June 2006	June 2007	01 Year and 01	Research/ Extension

	Science & Agricultural Chemistry	Chemistry, SKUAST-Jammu	HRA P.M.			Month approx.	
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**(D) ADMINISTRATIVE EXPERIENCE:**

S. No.	Institution	Post held & nature of work	Pay & Grade Pay	Years		Total Experience
				From	To	
1.	SKUAST-Jammu	<b>Post held:</b> Sr. Scientist & Head of KVK	Rs. 15,600-39,100/- + AGP 8000/- (Rs. 37,400-67,000/- + AGP 9000/- w.e.f. 24-02-2015)	24 Feb, 2012	17 May, 2016	04 Years and 03 Months approx.
2.	CPGS-AS, CAU, Barapani	<b>Post held:</b> Asstt. Registrar (Acad.)	Additional Charge	31 Aug., 2016	19 Jan, 2018	01 Year 04 Months and 19 Days.
3.	CPGS, CAU, Barapani	<b>Post held:</b> Assistant Comptroller/ DDO	Additional Charge (When CF is not available)	31 Aug., 2016	19 Jan, 2018	01 Year 04 Months and 19 Days.
4.	CPGS-AS, CAU, Barapani	<b>Post held:</b> Warden, Boys' Hostel of CPGS	Additional Charge	31 Aug., 2016	31 Dec. 2018	02 Year 04 Months

**Administrative Experience in Conducting Major Academic Events:**

- Conducted Counseling for admission on ICAR seats of Central Agricultural University, Imphal for Master Degree Programmes for the Academic Session 2016-17 at ICAR HQ, New Delhi w.e.f. 9<sup>th</sup> July to 19<sup>th</sup> July, 2016 vide University letter No. CAU/Reg./1469-Acad (ICAR)/16/2795 Dated: 24-06-2016.
- Examination Coordinator of CAU Entrance Test (Written Test) for admission to various PG and Ph.D. Programmes of the University for the academic year 2017-18 vide letter No. CAU/Reg/47-Adm(PG)/17/1835 Dated 15<sup>th</sup> July, 2017.
- Examination Coordinator of CAU Entrance Test (Written Test) for admission to MBA (Agri-Business) Programme of the University for the academic year 2017-18 vide letter No. CAU/Reg-Acad/2160/ABM/17/1919 Dated 28<sup>th</sup> July, 2017.

- Convener, Organizing Committee constituted for the smooth conduct of CAU Entrance Examination for MBA (Agri-Business) Admission, Counseling and Personal Interview held on 29 and 30 July, 2017 vide letter No. CAU/CPGS/Acad/Entrance/2017-18/1038 Dated: 28 July, 2017.
- Convener, Hall Seating arrangement and Roll No. display Committee constituted for the smooth conduct of CAU Entrance Examination for MBA (Agri-Business) Admission, Counseling and Personal Interview held on 29 and 30 July, 2017 vide letter No. CAU/CPGS/Acad/Entrance/2017-18/1038 Dated: 28 July, 2017.
- Member of Certificate Verification Committee for CAU Entrance Examination for PG, Ph.D. and MBA (Agri-Business) and subsequent Counseling on 24-25 July 2018 vide letter No. CAU/CPGS/Avad/Entrance/2017-18/824 Dated: 10<sup>th</sup> July 2018.

#### **INTERNATIONAL EXPOSURE:**

- Participated in the 3<sup>rd</sup> International Conference on *Global Initiatives in Agricultural and Applied Sciences for Eco Friendly Environment (GIASE-2019)* at Tribhuvan University, Kathmandu, Nepal during 16-18 June, 2019.
- Participated in the 2<sup>nd</sup> International Conference on *Mountain Futures-2018* organized by World Agro-forestry Center, Kunming Institute of Botany, Chinese Academy of Sciences at Honghe and Kunming, China, Yunnan during 04-08 June, 2018.
- Participated in the 2<sup>nd</sup> International Conference on *Nutrition Sensitive Agriculture in Mountain Areas* organized by HELVETAS: Swiss Intercorporation and IFOAM: Organics International at Kathmandu, Nepal during 27-28 February, 2018.
- Participated in the Asian Productivity Organisation (APO), Tokyo, Japan Sponsored Workshop on *Successful Models of Integrated Farming* at Dhaka, Bangladesh organized by National Productivity Organisation (NPO), Ministry of Industries, Dhaka during 07-11 May, 2017.
- Participated in the 21 days International Training Course on *Increasing Water Use Efficiency in Agriculture* organized by Alterra-ILRI, Wageningen University and Research Centre, Wageningen, The Netherlands during 24 September to 14 October, 2007.

#### **In-Service Award/Recognition:**

S. No.	Name of the Award/Recogniti	Awarding Organization	Year	Institution/ Professional	Additional Information



	on	(Place/Country)		Society	
1.	Best Performance Award	J&K Kissan Advisory Board, Government of Jammu & Kashmir	2012	J&K Government Body	Exhibition Stall of KVK-Jammu was adjudged as best in the Kissan Mela organized by J&K Kissan Advisory Board at Sarna, Samba on 24-12-2012
2.	Bharat Shiksha Ratan Award	Global Society for Health & Educational Growth (GSHEG), Delhi, India	2014	Professional Society	Awarded for excellent performance in teaching and extension in agriculture
3.	Best Paper Presentation Award	Society of Extension Education, Agra	2017	Professional Society	For presenting my research paper "Traditional Methods of Maintaining Soil Health in North-East Region of India: Ensuring Nutrition-Sensitive Agriculture"
4.	SCSI Leadership Award-2017	Soil Conservation Society of India (SCSI), New Delhi	2018	Professional Society	For consistent contribution in the field of Natural Resource Management, especially Soil and Water Resource Management in Hilly tracts
5.	Young Scientist Award	Society of Extension Education, Agra	2018	Professional Society	For consistent extension of Natural Resource Management Practices, especially Soil and Water Resource Management in Hilly tracts
6.	Best Oral Paper Award	Soil Conservation Society of India (SCSI), New Delhi	2018	Professional Society	For presentation on "Doubling Tribal Farmers' Income through Location Specific Integrated Farming Systems in North Eastern Hill Region of India" during Technical Session VI of the 27 <sup>th</sup> National Conference of SCSI on "Sustainable Management of Soil and Water Resources for Doubling Farmers' Income" held at AAU,

					Jorhat, Assam w.e.f. October 25-27, 2018.
7.	Reviewer Excellence Award ( <i>ASD</i> )	Agricultural Research Communication Center, Karnal, Haryana	2018	Professional Society	For meticulously Reviewing papers for the journal <i>Agricultural Science Digest</i>
8.	Reviewer Excellence Award ( <i>IJAR</i> )	Agricultural Research Communication Center, Karnal, Haryana	2018	Professional Society	For meticulously Reviewing papers for the <i>Indian Journal of Agricultural Research</i>
9.	Outstanding Achievement Award	Agricultural Technology Development Society (ATDS), Ghaziabad	2019	Professional Society	For outstanding contribution in the field of Soil Science and Agricultural Chemistry
10.	Distinguished Scientist Award	Pragati International Scientific Research Foundation, Meerut	2019	Professional Society	For outstanding contribution in the field of Soil Science and Agricultural Chemistry
11.	Fellow Award	Agricultural and Environmental Technology Development Society (AETDS), U.S. Nagar	2019	Professional Society	For outstanding contribution in the field of Soil Science and Agricultural Chemistry
12.	SCSI Gold Medal Award-2019	Soil Conservation Society of India	2021	Professional Society	For significant contribution in the field of conservation and management of natural resources, especially in the Indian Himalayan region.
13.	Distinguished Researcher in Natural Resource Management	Venus International Foundation	2020	Professional Society	For significant contribution in the field of natural resource management
14.	Established Teacher in Soil Science-2020	Global Outreach Research and Education Association (GOREA)	2020	Professional Society	For outstanding contribution and recognition in the field of Soil Science and Agricultural Chemistry
15.	Outstanding Achievement Award-2020	SVPSS, Prayagraj	2020	Professional Society	For outstanding contribution and recognition in the field of Soil Science and Agricultural Chemistry

16.	Outstanding Eminent Scientist Award-2020	Agricultural Technology Development Society	2020	Professional Society	For outstanding contribution and recognition in the field of Soil Science and Agricultural Chemistry
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### Special Attainments:

S. No.	Category	Title	Year	Details if any
1.	National Awards to Farmers trained under my supervision	<ul style="list-style-type: none"> <li>➤ Mr. Ishtiaq Ahmed Khan awarded by <b>Sh. Narendra Modi</b> as Best Farmer in Vegetable Production</li> <li>➤ Ms Kesar Praveen was awarded in the National Level Pusa Krishi Vigyan Mela at IARI, New Delhi</li> </ul>	2013	Both of the farmers were trained by KVKs headed by me
2.	Developed Maize village	➤ Developed Degwar as Maize Village	2015	Entire village is producing quality maize crop with higher productivity and production
3.	Seed Replacement of wheat by high yielding variety HS-490	➤ Replaced old varieties with high yielding variety HS-490	2015	High yielding and disease resistant variety having yield potential of 48q/ha, area under wheat crop increased and the uncultivated land converted into wheat growing areas
4.	Fodder security in the Poonch valley	➤ Introduced high yielding Oat Varieties Kent and Sabzar	2015	Ensured fodder security in the Poonch valley
5.	Round the year fodder security in snow bound areas of Poonch district	➤ Screened ten ten perennial grasses on the basis of their performance in the local conditions, introduced and up-scaled the most promising Hybrid Napier PBN-233	2015	Ensured round the year fodder security in snow-bound areas of Poonch district

### ***Published Three Success Stories of KVK-Poonch:***

- Security of Fodder through Introduction of Oat Varieties Kent and Sabzar
- Seed Replacement of Wheat by High Yielding Variety HS-490
- Master of Maize

### ***Major Event Organized:***

- Being the head of Krishi Vigyan Kendra, organized 8 *Kharif* and 8 *Rabi* Kisan Melas from 2012 to 2015 at Krishi Vigyan Kendra, R.S. Pura, Jammu and Krishi Vigyan Kendra, Poonch, SKUAST-Jammu.
- One Year Diploma Course on Basic Agriculture/Horticulture Training at KVK-Poonch during 2014-15 as 23 trainees of first batch completed their Course.
- Organized (Organizing Secretary) the 26<sup>th</sup> National Conference of Soil Conservation Society of India on *Natural Resource Management for Climate Smart Agriculture* during 11-13 September, 2017 at College of Post Graduate Studies, Barapani.
- Organized (Organizing Secretary) 3 Days Satellite Workshop on *Zero Budget Natural Farming for Sustainable Agriculture and Livelihood Security* during 23-25 August, 2017 at College of Post Graduate Studies, Barapani.
- Organized (Course Director) ICAR Sponsored 21 days Summer School on *Organic Farming and Conservation Agriculture for Sustainable Management of Natural Resources, Environment, Energy and Livelihood Security* during 05-25 August, 2017 at College of Post Graduate Studies, Barapani.
- Organized (Organizing Convener) the International Conference on *Global Perspective in Agricultural and Applied Sciences for Food and Environmental Security* (GAAFES-2019) from 1<sup>st</sup> to 2<sup>nd</sup> December 2019 at Kumaun University, Nainital, UK, India under the patronage of Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK, India.
- Organized (Organizing Convener) the International Web Conference on *Perspective in Agricultural and Applied Sciences in Covid-19 Scenario* (PAAS-2020) from 4-6 October 2020 under the patronage of Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK, India.
- Organized (Organizing Secretary) the International Web Conference on *Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals* from 11-12 September 2020 under the patronage of Academy of Natural Resource Conservation and Management (ANRCM), Lucknow, UP, India.
- Organized (Co-Convener) National e-Posters Olympiad of Soil Conservation Society of India on *Soils, Biomes and Resilience to Climate Change* during 04-05 December, 2020.
- Organized (Co-Organizing Secretary) the National Web Conference on *Sustainable Soil and Water Management for Bio-diversity Conservation, Food Security and Climate*

*Resilience* from 29-30 December 2020 under the patronage of Soil Conservation Society of India, New Delhi.

### Organization of Winter School/Summer School/Refresher Course/Seminar/Symposium

Sl. No.	Funding Agency	Title	Specify role (organizer/ chairman/ resource person/paper presented etc)	Year	Duration No. of days	Additional Information
1.	ICAR	International Conference on Global Perspective in Agricultural and Applied Sciences for Food and Environmental Security (GAAFES-2019) from 1 <sup>st</sup> to 2 <sup>nd</sup> December 2019 at Kumaun University, Nainital, UK, India under the patronage of Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK, India.	Organizing Convener	2019	2 Days	Kumaun University, Nainital, UK, India
2.	ICAR	Summer School on Organic Farming and Conservation Agriculture for Sustainable Management of Natural Resources, Environment, Energy and Livelihood Security	Course Director	2017	21 Days	CPGS, CAU, Umiam
3.	ICAR, CAU	Satellite Workshop on Zero Budget Natural Farming for Sustainable Agriculture and Livelihood Security	Organizing Secretary	2017	03 days	CPGS, CAU, Umiam
4.	ICAR, SCSII	26 <sup>th</sup> National Conference on Natural Resource Management for Climate Smart Agriculture during 11-13 September, 2017 at College of Post Graduate Studies, Barapani	Organizing Secretary	2017	03 days	CPGS, CAU, Umiam

5.	ICAR	Organic/Natural Farming/Cow Based Economy	Course Director	2017	07 days	CPGS, CAU, Umiam
6.	Mobilization: Society for Community Mobilization for Sustainable Development, New Delhi	National Seminar on Sustainable Rural Livelihood: Technological & Institutional Perspective	Member of Organizing Committee	2015	3 days	SKUAST-Jammu
7.	Department of Floriculture, Govt. of J&K	National Seminar on Technology and Management of Micro Irrigation in Floriculture	Member of Organizing Committee	2015	2 days	SKUAST-Jammu
8.	ATMA	One Year Diploma Course on Basic Agriculture/ Horticulture Training	Organizer	2014-15	One Year	KVK-Poonch
9.	SCSI	National Symposium on Natural Resource Management and Sustainable Hill Farming Systems for Livelihood Security (NRMSHFSLs)	Member of Organizing Committee	2014	2 days	SKUAST-Jammu
10.	ICAR	Training Course on Advances in analysis of soil, plant and irrigation water	Resource person	2011	21 days	PAU, Ludhiana
11.	ICAR	Winter School on Recent Advances in Diagnostic Technologies and Management of Poor Quality Water/Soils	Resource person	2008	21 days	CSSRI, Karnal
12.	SCSI	National Workshop on Natural Resource Management for Sustainable Hill Agriculture	Member of Organizing Committee	2006	2 days	SKUAST-Jammu

### **Institution Building:**

<b>Sl. No.</b>	<b>Name of the Institution</b>	<b>Contribution made &amp; role</b>	<b>Output</b>
1.	Division of Soil Science & Agricultural Chemistry	Developed PG Lab II at Division of SSAC, SKUAST-Jammu	Increased analytical facilities for Soil, Plant, Water and Fertilizer analysis
2.	KVK-Jammu	Established Guava Orchard	Increased fruit cultivation (guava) in

		Demonstration Unit	the area thereby generating extra income to small farmers
3.	KVK-Jammu	Established Fish Pond Demonstration Unit	Promoted fish culture in the rural areas of Jammu district
4.	KVK-Jammu	KVK Seed Production Farm, Chatha was Development by Laser Land Leveling	Higher production of both wheat and paddy crops in comparison to previous years
5.	KVK-Jammu	Mechanization of KVK Seed Production Farm, R S Pura	Reduced cost of cultivation
6.	KVK-Jammu	Initiated Development of Integrated Farming System on small land holding (0.5 ha)	Farmers are adopting IFS model and getting more income throughout the year
7.	KVK-Poonch	Developed irrigation facility through Bore-Well at KVK Seed Production Farm	Assured irrigation has boost up the Seed Production Programme of KVK-Poonch
8.	KVK-Poonch	Developed “ <i>Kisan Soochana Kendra</i> ”, a superhighway of authentic information with models, banners, charts, photographs, booklets and pamphlets on new high yielding varieties of different crops, latest agricultural technologies, insect and diseases identification and their control majors, modern farm implements, various Central and State Government run schemes for the farmers and unemployed rural youth, etc.	Farmers are getting first hand information on each and every aspect of agriculture and allied disciplines.
9.	KVK-Poonch	Established Pican Nut Orchard Demonstration Unit	Promoted Pican Nut cultivation in the area
10.	KVK-Poonch	Established Straw-Berry Runner Production Unit	Distributed quality Runners to the farmers and Promoted Straw-Berry cultivation
11.	KVK-Poonch	Developed Fodder Cafeteria with 12 Species of Perennial Grasses	Reduced Fodder Scarcity Problem and availability of nutritious green fodder throughout the year
12.	KVK-Poonch	Developed Nutritional Garden, and <i>Kharif</i> and <i>Rabi</i> Crop Cafeteria each year	Farmers are adopting new technologies of crop production and getting balanced nutritional diet

13.	SKUATS-J	Perform duties as i/c University Café Annpurna, SKUAST-J, Chatha w.e.f. 19-07-2011 to 20-11-2012 vide Uni. Memo. No. AUJ/Adm/ 11-12 /F-487/5044-48	Better Service of University Café Annpurna to the Faculty Members, Staff and Students.
14.	CPGS, CAU, Barapani	Deputed to attend counselling for admission on ICAR seats for Master Degree Programmes for the academic session 2016-17 at ICAR HQ, New Delhi w.e.f. 9 <sup>th</sup> July to 19 <sup>th</sup> July, 2016 vide University letter No. CAU/Reg./1469-Acad (ICAR)/16/2795 Dated: 24-06-2016	For getting maximum admission in CAU and ensuring maximum number of JRF from CAU
15.	CPGS, CAU, Barapani	Discharging duties as Incharge of the Analytical Laboratory of School of Natural Resource Management, CGPS assigned vide letter No. CGPS/SNRM/Acad-6/15-16/134 Dated: 28-06-2016.	Management of Analytical Laboratory
16.	CPGS, CAU, Barapani	Member of Library Committee vide letter No. CAU/CPGS/Committees/2012-13/689 Dated: 18-06-2016.	Assistance in overall better functioning of Library.
17.	CPGS, CAU, Barapani	Discharged duties as Member of Anti Ragging Squad Vide Letter No. CAU/CPGS/Committees/2012-13/1071 dated 28-07-2016	For maintaining the Campus ragging free

**Professional trainings/Seminars attended, Radio/T.V. Programmes/Games & Sports/Extra-curricular activities etc.**

Sl. No.	Item/Programme	Topic	Details of programme	Venue of programme	Any other information
<b>(A) Professional Trainings Attended:</b>					
1.	Management Development Programme (MDP)	2 <sup>nd</sup> Management Development Programme (MDP) for New PC Recruits of Krishi Vigyan Kendras (KVKs)	One month training programme w.e.f. 16 April to 22 May 2015	NAARM, Hyderabad, KVK, Baghara, Distt. Muzaffarnagar, U.P. and Zonal Project Directorate, Zone-I, PAU	The entire programme was structured in three phases i.e. Phase I at NAARM, Hyderabad for 15 Days w.e.f. 16-30 April,



				Campus, Ludhiana	2015, Phase II at Best KVK at KVK, Baghara, Distt. Muzaffarnagar , U.P. for 10 Days w.e.f. 04-14 May, 2015 and Phase III at Zonal Project Directorate, Zone-I, PAU Campus, Ludhiana for 5 Days w.e.f. 18-22 May, 2015.
2.	Winter School	Capacity Building in Geospatial Technology	21 days training programme w.e.f. 25 Feb. to 17 March 2014	Department of Remote Sensing &GIS, University of Jammu, Jammu-180 006	Sponsored by Department of Science and Technology (DST), New Delhi
3.	Training Course	ICT's in Modified Extension Reforms	03 days training programme w.e.f. 09-11 July, 2012	SAMETI, Mashobra, Shimla, Himachal Pradesh	Organized by National Institute of Agricultural Extension Management (MANAGE), Hyderabad
4.	Summer School	Climate Variability and its impacts on crop production- physiological perspectives towards mitigation strategies	21 days training programme w.e.f. 23 August to 12 Sept. 2011	Assam Agricultural University, Jorhat	

5.	Training Course	Advances in Analysis of Soil, Plant and Irrigation Water	21 days training programme w.e.f. 04- 24 January, 2011	CAFT, Department of Soil Science, PAU, Ludhiana	
6.	Winter School	Recent Advances in Diagnostic Technologies and Management of Poor Quality Water/Soils	21 days training programme w.e.f. 18 Nov. to 08 December, 2008	Central Soil Salinity Research Institute, Karnal	
7.	Training Programme	Developing Winning Research Proposals in Agricultural Research (Under National Agricultural Innovation Project- Learning and Capacity Building Prog.)	07 days training programme w.e.f. 14-20 October, 2008	National Academy of Agricultural Research Management (NAARM), Hyderabad	
8.	International Training Course	Increasing Water Use Efficiency in Agriculture	21 days training programme w.e.f. 24 Sept. to 14 October, 2007	Alterra-ILRI, Wageningen University and Research Centre, Wageningen, The Netherlands	
9.	Winter School	Advances in Engineering and Agronomic Interventions for Declining Water Table Areas	21 days training programme w.e.f. 07-27 November, 2005	Central Soil Salinity Research Institute, Karnal, Haryana	
10.	National Level Training Course	Training of Trainers on Command Area Development with Emphasis on Land	07 days training programme w.e.f. 06-12 February, 2006	Central Soil Salinity Research Institute, Karnal,	

		Leveling, Shaping, Planning and Design		Haryana	
11.	Training Programme	Efficient Management of Fertilizers for Increased Crop Yield	02 days training programme w.e.f. 08-09 July, 1998	CCS Haryana Agricultural University, Hisar, Haryana	
12.	Training Course	27th FAI-Northern Regional Fertilizer Orientation Training Course	02 days training programme w.e.f. 22-23 Oct., 1999	CCS Haryana Agricultural University, Hisar, Haryana	
13.	Training Programme	Medicinal, aromatic and other agriculturally Important plants	03 days training programme w.e.f. 28-30 Oct., 2002	CCS Haryana Agricultural University, Hisar, Haryana	
14.	Training Programme	Bee Keeping	05 days training programme w.e.f. 22-26 Oct., 2002	CCS Haryana Agricultural University, Hisar, Haryana	
15.	Training Programme	Rural Agricultural Work Experience	45 days training programme w.e.f. 01 July to 15 August, 1997	ARS, RAU, Fatehpur-Shekhawati district Sikar, Rajasthan	

**(B) Seminar/Conference/Workshops Attended:**

1.	International Conference of the Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK	Global Perspective in Agricultural and Applied Sciences for Food and Environmental Security (GAAFES-2019)	2 days w.e.f. 1 to 2 December, 2019	Kumaun University, Nainital, UK, India	Organized by the Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK
2.	Joint International Conference: 4 <sup>th</sup> WASWAC World	Soil and Water Resources Management for	5 days w.e.f. 5 to 9 November,	NASC Complex, New	Organized by Soil Conservation

	Conference, 20 <sup>th</sup> ISCO International Conference, 4 <sup>th</sup> SCSI International Conference	Climate Smart Agriculture, Global Food and Livelihood Security	2019	Delhi	Society of India, New Delhi
3.	International Conference of Agricultural Technology Development Society (ATDS), Ghaziabad, UP	Global Initiatives in Agricultural and Applied Sciences for Eco Friendly Environment (GIASE-2019)	3 days w.e.f. 16 to 18 June, 2019	Tribhuvan University, Kathmandu, Nepal	Organized by Agricultural Technology Development Society (ATDS), Tribhuvan University and Himalayan College of Agricultural Sciences and Technology, Purbanchal University, Kathmandu
4.	28 <sup>th</sup> National Conference of SCSI, New Delhi	Farmers' Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact	3 days w.e.f. 31 Jan-02 Feb, 2019	ICAR-Indian Institute of Soil and Water Conservation, Regional Centre, Ooty	Organized by Soil Conservation Society of India, New Delhi
5.	International Conference	Climate Change, Biodiversity and Sustainable Agriculture	4 days w.e.f. 13- 16 December, 2018	AAU, Jorhat	Organized by Prof. H.S. Srivastava Foundation For Science, Lucknow Uttar Pradesh, India
6.	9 <sup>th</sup> National Extension Education Congress	Climate Smart Agricultural Technologies: Innovations and Interventions	3 days w.e.f. 15- 17 November, 2018	CoAE&PHT, CAU, Ranipul, Sikkim	Organized by Society of Extension Education, Agra

7.	International Conference	Eastern Himalayan Naturenomics™ Forum-2018 on Rural Futures: Towards Social-Environmental-Economic Interdependence	2 days w.e.f. 01-02 November, 2018.	Hotel Taj Vivanta, Guwahati	Organized by Balipara Foundation, Guwahati
8.	27 <sup>th</sup> National Conference of SCSi, New Delhi	Sustainable Management of Soil and Water Resources for Doubling Farmers' Income	3 days w.e.f. 25-28 October, 2018	AAU, Jorhat	Organized by Soil Conservation Society of India, New Delhi
9.	8 <sup>th</sup> National Extension Education Congress	Nutrition-Sensitive Agriculture: Changing Role of Extension	4 days w.e.f. 28-31 January, 2017	ICAR-NAARM, Hyderabad	Organized by Society of Extension Education.
10.	26 <sup>th</sup> National Conference of SCSi, New Delhi	Natural Resource Management for Climate Smart Sustainable Agriculture	3 days w.e.f. 11-13 September, 2017	CPGS-AS, CAU, Umiam, Barapani	Organized by Soil Conservation Society of India, New Delhi
11.	National Seminar	Technology and Management of Micro Irrigation in Floriculture	2 days w.e.f. 19-20 March, 2015	SKUAST-Jammu	Organized by Division of Agricultural Engineering and Directorate of Extension, SKUAST-Jammu
12.	National Seminar	Sustainable Rural Livelihood: Technological & Institutional Perspective	3 days w.e.f. 08-10 January, 2015	SKUAST-Jammu	Organized by Society for Community Mobilization for Sustainable Development, New Delhi
13.	National	Natural Resource	2 days w.e.f. July	SKUAST-	Organized by

	Symposium	Management and Sustainable Hill Farming Systems for Livelihood Security	23-24, 2014	Jammu	Soil Conservation Society of India-Jammu Chapter
14.	Indian Science Congress	101 <sup>st</sup> Indian Science Congress	5 days w.e.f. 03-07 February, 2014	University of Jammu, Jammu	
15.	National Seminar	Agri-business Potential of North Eastern States	2 days w.e.f. November 08-09, 2013	CPGS, CAU, Umiam-793 103, Barapani, Meghalaya	Organized by Indian Society of Agricultural Marketing
16.	Second Jammu & Kashmir Agricultural Science Congress	Sustainable Hill Agriculture for Food and Livelihood Security: Technological Innovations, Opportunities & Challenges	3 days w.e.f. December 15-17, 2012	SKUAST-Jammu	
17.	Platinum Jubilee Symposium of Indian Society of Soil Science	Soil Science in Meeting the Challenges to Food Security and Environmental Quality	4 days w.e.f. December 22-25, 2009	IARI, New Delhi	Organized by Indian Society of Soil Science
18.	3 <sup>rd</sup> J&K State Science Congress	Science and Technology for Sustainable Development	3 days w.e.f. February 26-28, 2008	University of Jammu	Sponsored by J&K State Council for Science & Technology and DST, GoI
19.	International Conference	Conservation Farming Systems and Watershed Management in Rainfed Areas for Rural Employment and Poverty	5 days w.e.f. February 12-16, 2008	IARI, New Delhi	Organized by Soil Conservation Society of India, New Delhi

		Eradication			
20.	International Conference	Sustainable Agriculture for Food, Bio-energy and Livelihood Security	3 days w.e.f. February 14-16, 2007	Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur	Organized by Society for Sustainable Agriculture and Resource Management, Hisar
21.	National Workshop	Natural Resource Management for Sustainable Hill Agriculture	2 days w.e.f. November 09-10, 2006	SKUAST-Jammu	Organized by Soil Conservation Society of India, New Delhi
22.	National Seminar	Ecology and Environment Management: Issues and Research Needs	2 days w.e.f. January 8-9, 2004	Kurukshetra University, Kurukshetra, Haryana	
<b>(C) Radio/T.V. Programmes (Selected Few):</b>					
1.	Radio Talk	Urvarkon Me Milawat Ki Twarit Janch	October 09, 2013	All India Radio, Poonch	
2.	Radio Talk	Rasayanik Urvarko Ka Dusprabhav	November 15, 2013	All India Radio, Poonch	
3.	Radio Talk	Role of KVK in Transfer of Technology	April 19, 2014	All India Radio, Poonch	
4.	Radio Talk	Integrated Farming System for Hilly Areas	August 18, 2014	All India Radio, Poonch	
5.	Radio Talk	Role of Women in Agriculture	January 15, 2015	All India Radio, Poonch	
6.	Radio Talk	Importance of Soil Testing and Soil Health Cards	July 03, 2015	All India Radio, Poonch	
<b>(D) Extra-curricular Activities:</b>					
1.	Dance & Music	Member of Committee for Co-curricular	28 November, 2011 to 28 November, 2012	SKUAST-Jammu	

		Activities in the University (Dance & Music) vide University Order No. AUJ/DRI/11-12/F-62/2398-244 dated: 28 November, 2011			
2.	NCC	Awarded as <b>Best N.C.C. Cadet</b> of Rajasthan Agricultural University, College of Agriculture, Bikaner	1994-95	Rajasthan Agricultural University, Bikaner	
3.	NCC	Awarded “ <b>C</b> ” Certificate with <b>Senior Under Officer</b> rank	1995-96	Rajasthan Agricultural University, Bikaner	
4.	NCC	Participated in <b>Ocean to Sky All India Trekking Expedition, Goa-1995</b> as a <b>Senior Under Officer</b> of RAU N.C.C. Unit, Bikaner	1995-96	Rajasthan Agricultural University, Bikaner	
5.	NSS	Secured <b>First Position</b> in Essay Competition conducted by National Service Scheme, RAU Unit, Bikaner	1995-96	Rajasthan Agricultural University, Bikaner	

**ADDITIONAL INFORMATION:**

**1. Board Member of University/Institutions:**

- His Excellency, The President of India and the Visitor of Manipur University nominated



- as a Member of the Fifth Court of Manipur University under Section 22(1) read with Amended Statute 10(5) of Manipur University Act, 2005 for a term of three years.
- Member of the International Advisory Council of The Grassroots Institute, Montreal, Canada.
  - Chairman, Meghalaya Chapter of the Soil Conservation Society of India, New Delhi.
  - The National Research Development Corporation (NRDC), Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India, New Delhi nominated as an expert for evaluating the applications of NRDC National Meritorious Invention Awards.
  - Member of Vidyalaya Management Committee (VMC) as an eminent educationist, Kendriya Vidyalaya NEPA, Barapani for a period of three years vide letter No. F. 291490/22(A)/KVNEPA/2021-22/29 Dated: 31-07-2021.

## **2. Membership of Professional Societies:**

- Life member of the *Indian Society of Soil Salinity and Water Quality (ISSWQ)*, ICAR-Central Soil Salinity Research Institute, Karnal, India.
- Life member of the *Soil Conservation Society of India (SCSI)*, New Delhi, India
- Life member of the *Indian Association of Soil and Water Conservationists*, Dehradun, UK, India
- Life member of the *Indian Association of Hill Farming*, Barapani, Meghalaya, India
- Life member of the *Academy of Natural Resource Conservation and Management (ANRCM)*, Lucknow, UP, India.
- Life member of the *Society of Extension Education, Agra (SEEA)*, Agra, UP, India
- Life member of the *Society for Advancement of Agricultural Sciences (SAAS)*, Modipuram, Meerut, UP, India
- Life member of the *Mobilization: Society for Community Mobilization for Sustainable Development*, Division of Agricultural Extension, IARI, New Delhi, India  
[www.mobilization.co.in](http://www.mobilization.co.in)
- Life member of the *Agricultural Technology Development Society (ATDS)*, Ghaziabad, UP, India
- Life member of the *Agricultural & Environmental Technology Development Society (AETDS)*, Pantnagar, UK, India
- Member of the *Indian Society of Soil Science (ISSS)*, New Delhi, India

- Member of the *Indian Society of Hill Agriculture*, Pantnagar, U.K., India
- Member of the *Society for Sustainable Agriculture and Resource Management (SSARM)*, Hisar, India

### 3. **Member of Editorial Board of National/International Journals:**

- Guest Editor, *Journal of Environmental Biology* (JEB), Published by the Triveni Enterprises, Lucknow, UP, India. P-ISSN: 0254-8704, e-ISSN: 2394-0379.
- Guest Editor, *Journal of Experimental Biology and Agricultural Sciences* (JEBAS), Published by the Horizon Publisher India (HPI), Didwana, Nagaur, Rajasthan, India. ISSN: 2320-8694.
- Honorary Editorial & Advisory Board Member, *Indian Journal of Pure & Applied Biosciences* (IJPAB), Published by the Vital Biotech Research & Training Institute, Kota, Rajasthan, India. ISSN: 2582-2845 (E).
- National Editor, *International Journal of Agricultural Invention* (IJAI), Published by the Agricultural Technology Development Society (ATDS), Ghazibad, UP, India. ISSN: 2456-1797 (P).
- Editor, *Grassroots Journal of Natural Resources* (GJNR), Published by The Grassroots Institute, Montreal, QC, Canada. ISSN: 2581-6853.
- Editor, *Journal of Natural Resource Conservation and Management* (JNRCM), Published by the Academy of Natural Resource Conservation and Management (ANRCM), Lucknow, India.
- Associate Editor, *Global Academic Journal of Agriculture and Bio Sciences* (An International Journal), ISSN (Print): 2706-8978, ISSN (Online): 2707-2568, Published by Scholars Middle East Publishers, Dubai, UAE.
- Associate Editor, *Current Advances in Agricultural Sciences* (An International Journal), Print ISSN: 0975-2315, Online ISSN: 2394-4471, Published by The Society of Agricultural Professionals, Chandra Shekhar Azad University of Agriculture & Technology, Kanpur-208002 (India).
- Associate Editor, *International Journal of Agricultural and Applied Sciences* (IJAAS), Published by the Agricultural and Environmental Technology Development Society (AETDS), US Nagar, UK, India.
- Editorial Director, *Just Agriculture*, e-Magazine, ISSN (E): 2582-9149 <https://www.justagriculture.in/management.html>

- Editorial Board Member, *Agrospheres, e-Newsletter*, Published by the Vital Biotech Research & Training Institute, Kota, Rajasthan, India. ISSN (E): 2582-7022.
- Reviewer, *Journal of Agricultural and Crop Research*, ISSN: 2384-731x, Science Web Publishing, <http://www.sciencewebpublishing.net/>
- Reviewer, *Indian Journal of Agricultural Research*, Print ISSN: 0367-8245, Online ISSN: 0976-058X, Published by Agricultural Research Communication Centre, Karnal, Haryana. <https://arccjournals.com/journals/indian-journal-of-agricultural-research>
- Reviewer, *Legume Research*, Print ISSN: 0250-5371, Online ISSN: 0976-0571, Published by Agricultural Research Communication Centre, Karnal, Haryana. <https://arccjournals.com/journals/legume-research-an-international-journal>
- Reviewer, *Agricultural Science Digest*, Print ISSN: 0253-150X, Online ISSN: 0976-0547, Published by Agricultural Research Communication Centre, Karnal, Haryana. <https://arccjournals.com/journals/agricultural-science-digest>
- Reviewer, *The Indian Journal of Agricultural Sciences*, Print ISSN: 0019-5022, Published by Indian Council of Agricultural Research (ICAR), New Delhi. <http://epubs.icar.org.in/ejournal/index.php/IJAgS/index>
- Reviewer, *Journal of Soil and Water Conservation*, Print ISSN: 0022-457X, Online ISSN: 2455-7145, Published by Soil Conservation Society of India, New Delhi. <https://www.indianjournals.com/ijor.aspx?target=ijor:jswc&type=home>
- Reviewer, *Indian Journal of Soil Conservation*, Print ISSN: 0970-3349, Online ISSN: 0976-1721, Published by Indian Association of Soil and Water Conservationists, Dehradun, UK. <https://www.indianjournals.com/ijor.aspx?target=ijor:ijsc&type=home>
- Reviewer, *International Journal of Agricultural Sciences (IJAS)*, Print ISSN: 0975-3710, E-ISSN: 0975-9107, Published by BioInfo Publications. <https://bioinfopublication.org/>
- Reviewer, *International Journal of Microbiology Research*, Print ISSN: 0975-5276, E-ISSN: 0975-9174, Published by BioInfo Publications. <https://bioinfopublication.org/>
- Reviewer, *Journal of Agricultural Science (JAS)*, ISSN: ISSN 1916-9752 (Print) ISSN 1916-9760 (Online), Published by Canadian Center of Science and Education, Toronto, Ontario, Canada.
- Reviewer, *Sustainable Agriculture Research (SAR)*, ISSN: ISSN 1927-050X (Print) ISSN 1927-0518 (Online), Published by Canadian Center of Science and Education, Toronto, Ontario, Canada.
- Reviewer, *International Journal of Agriculture (IJAG)*, Published by Acta Scientifica,

#### **4. *Participation in National Conferences on KVKs:***

- Participated in the 9<sup>th</sup> National Conference on KVK-2015 on “Skill Intensive Agriculture” organized by Zonal Project Directorate, Zone-II, ICAR, Kolkata and ICAR Research Complex for Eastern Region (ICAR-RCER), Patna at Patna, Bihar during July, 25-26, 2015.
- Participated in the 8<sup>th</sup> National Conference on KVK-2013 on “Sustainable Intensification of Smallholder Farms” organized by Zonal Project Directorate, Zone-VIII, ICAR at University of Agricultural Sciences, Bengaluru, Karnataka during October, 23-25, 2013.
- Participated in the 7<sup>th</sup> National Conference on KVK-2012 on “Integrating Technologies and Best Practices” organized by Zonal Project Directorate, Zone-I, ICAR at PAU Campus, Ludhiana during November, 02-04, 2012.

#### **5. *Participation in Zonal Workshops of KVKs:***

- Participation in the Zonal Workshop-cum-Training Programme of Krishi Vigyan Kendras of Zone-I, ICAR organized by Zonal Project Directorate, Zone-I, ICAR, PAU Campus, Ludhiana at Punjab Agricultural University (PAU), Ludhiana during July 05-07, 2013
- Participation in the Zonal Workshop of Krishi Vigyan Kendras of Zone-I, ICAR organized by Zonal Project Directorate, Zone-I, ICAR, PAU Campus, Ludhiana at Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishwavidyalaya (CSK HPKV), Palampur during May 20-22, 2012

#### **6. *Duty Performed as Paper Setter and Evaluator:***

- Appointed as Paper Setter and Evaluator of Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250 110 Uttar Pradesh, India for the Course APS-121: Agricultural Microbiology of B.Sc. (Ag.) Honours, Second Semester Final Examination, 2012.
- Appointed as Paper Setter of KVK-Poonch, SKUAST-Jammu. for all quizzes, mid-term and end term examination of CBC-01 (1+2): Soil and Fertilizer and CBC-04 (1+1): Extension Approaches, and RAWE-SSAC-412 (0+2) Soil and Water Sample Collection and Analysis.
- Appointed as Paper Setter for CAU Ph.D. Entrance Examination of 2016-17 in the

discipline of Soil Science and Agricultural Chemistry vide letter no.

CAU/CPGS/Acad/Ph.D. (Entrance)/16-17/326 Dated: 13-07-2016.

- Appointed as Paper Setter of College of Horticulture, Bermiok, Sikkim for the course NRM-122 (1+1) Water Management in Horticultural Crops under CAU, Imphal vide letter No. CAU/COH-SK/Acad/15-16/6/168 Dated: 08-05-2017
- Appointed as Paper Setter of AAU, Jorhat for the Course AS (Soil)-123 Fundamentals of Soil Science 3 (2+1) vide letter no. AAU/FA/10/2/175/2016-17/27-53 Dated: 28-04-2017
- Appointed as Paper Setter for CAU Ph.D. Entrance Examination of 2017-18 in the discipline of Soil Science and Agricultural Chemistry vide letter No. CAU/CPGS/Acad/Ph.D. (Entrance)/17-18/834 Dated: 07-07-2017.
- Appointed as Paper Setter of Nagaland University for the course ACS 201 Manures, Fertilizers and Agro-Chemicals for end term examination, December 2017.
- Appointed as Paper Setter of Nagaland University for the course ACS 302 (Bio-Chemistry) for end term examination, 2018.
- Appointed as Paper Setter of Assam Agricultural University for the course AS (Soil) 123 Fundamentals of Soil Science (2+1) for end term examination, 2018

**7. Advisor to the Students of B.Sc. (Ag.) Honours: Guided and assisted the following B.Sc. (Ag.) Honours Students in planning their academic programme and registration therein:**

- Gaurav Bhagat, Registration No. J-07-Ag-232
- Rahila Chowdhary, Registration No. J-07-Ag-233
- Sonika Sharma, Registration No. J-07-Ag-234
- Malculm Jarvis, Registration No. J-07-Ag-235
- Rajinder Kr. Sharma, Registration No. J-07-Ag-236
- Tajamul Aziz Alaie, registration No. J-10-Ag-390
- Zakir Khursheed, Registration No. J-10-Ag-391
- Mohammad Akhlaq, Registration No. J-10-Ag-392
- Javid Ahmad Sofi, Registration No. J-10-Ag-393

**Publications:**


S. No.	Publication	Nos. only
1.	Full length papers in refereed journals only	64
2.	Papers in Conference Proceedings/Book Chapters	67

3.	Popular articles/short notes/short communication	More than 80
4.	Books published – authored or edited individually or jointly	35
6.	Research bulletins/extension bulletins	15
7.	Others (Abstracts)	More than 50
	<b>Total</b>	<b>311</b>

**Service in Remote Areas:**

Sl. No.	Designation & Department	Name of Remote area	Period		Duration (Years, months)
			from	to	
1.	Sr. Scientist & Head, KVK-Poonch	Poonch, J&K	03-07-2013	17-05-2016	2 Years and 11 Month approx.
2.	Associate Professor (SSAC)	Barapani, Meghalaya	18-05-2016	23-02-2018	01 Year and 09 Months approx.
3.	Professor (SSAC)	Barapani, Meghalaya	24-02-2018	Conti.	03 Years approx. (Conti.)

**Dated: 05-09-2021**

  
(Sanjay-Swami)

## PUBLICATION DETAILS:

### RESEARCH PAPERS:

- Kumari, K., Singh, Y.V., **Sanjay-Swami**, Singh, P., Vishwakarma, S.P., Shukritte and Sharma, S. (2021). Soil test based fertilization recommendations of economics and nutrient composition of mustard on Inceptisol. *Journal of Experimental Biology and Agricultural Sciences*, 9 (Spl-3-NRMCSSA\_2021): S358-S363. DOI: [http://dx.doi.org/10.18006/2021.9\(Spl-3-NRMCSSA\\_2021\).S358.S363](http://dx.doi.org/10.18006/2021.9(Spl-3-NRMCSSA_2021).S358.S363). ISSN: 2320-8694.
- Maurya, A. and **Sanjay-Swami** (2021). Yield and nutrient uptake of rapeseed (*Brassica campestris* var. *toria*) as influenced by phosphorus sources and levels in acidic soils of Meghalaya. *Agricultural Science Digest*, DOI: 10.18805/ag.D-5420. ISSN: 0253-150X (Print), 0976-0547 (Online).
- Sanjay-Swami** (2021). Yield and micro nutrient uptake of rapeseed (*Brassica campestris* var. *toria*) under graded doses of rock phosphate and single super phosphate in acidic soils. *Biological Forum – An International Journal*, 13(3): 466-475. ISSN: 0975-1130 (Print), 2249-3239 (Online).
- Satya, M.S.S.C. and **Sanjay-Swami** (2021). Nutrient uptake by black gram (*Vigna mungo* L. Hepper) as influenced by phosphorus and boron fertilization in acid Inceptisol of Meghalaya. *International Journal of Agricultural and Applied Sciences*, 2 (1): 118-122. ISSN: 2582-8053. DOI: <https://doi.org/10.52804/ijaas2021.2112>.
- Sanjay-Swami** and Yadav, O.S. (2021). Soil properties as influenced by biochar application under integrated nutrient management in acid Inceptisol of Meghalaya. *Journal of Natural Resource Conservation and Management*, 1(2): 104-111.
- Sanjay-Swami** (2021). Integrated management of land, water and bioresources for sustainable agriculture in North Eastern Region of India. *Grassroots Journal of Natural Resources*, 4 (2): 136-150. E-ISSN: 2581-6853, DOI: <https://doi.org/10.33002/nr2581.6853.040210>.
- Tamang, B. and **Sanjay-Swami** (2021). Temporal availability of phosphorus and sulphur in acid Inceptisol as influenced by graded application of P and S under black gram (*Vigna mungo* L. Hepper) production. *Legume Research: An International Journal*, 44 (5): 608-612. Print ISSN: 0250-5371 / Online ISSN: 0976-0571, DOI: 10.18805/LR-4127.
- Satya, M.S.S.C. and **Sanjay-Swami** (2020). Yield and yield attributes of black gram (*Vigna mungo* L. Hepper) as influenced by phosphorus and boron in acid Inceptisol.

- International Journal of Agricultural and Applied Sciences*, 1 (2): 73-78. ISSN: 2582-8053. DOI: <https://doi.org/10.52804/ijaas2020.1211>.
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