

CURRICULUM VITAE

Career Objective

It is with a great deal of interest and enthusiasm, I present to you my resume. With my cognizant and diversifying vision, I intend to build career in a challenging and creative work environment where I could constantly learn and to serve the organization by positive attitude, knowledge and skill while being innovative and flexible.



Personal Details

1. Name	Mr. Avinash Sharma
2. Contact Details	Email ID: avinashcau@gmail.com; Mobile No. +91-9113497113
3. Father's Name	Late Phoolchand Sharma
4. Mother's Name	Late Shanti Sharma
5. Date of birth	16-Apr-1988
6. Gender	Male
7. Family status	Unmarried
8. Qualifications	B.Sc. (Agriculture); M.Sc. (Agriculture)
9. Nationality	Indian
10. Category	OBC
11. Languages known	English, Hindi, Sanskrit
12. Aadhar card No.	890553511249
13. Permanent Address's	Next to Jaya Nursing Home, Bhaisasoor Ranchi road, Bihar sharif, Nalanda, Bihar, Pin- 803101

Academic Qualification Details

Sl. No.	Examination passed	School/ University	Date of Passing	Subject/ Stream/ Specializations	% of Marks	Class/ Grade
1.	Post Graduation	University of Agricultural Sciences, Bangalore, Karnataka	11-12-2015	Plant Biotechnology	84.20	First
2.	Graduation	Central Agricultural University, Imphal, Manipur	15-06-2013	Agriculture	76.10	First
3.	10+2 (AISSE)	Holy Mission High School, Samastipur	23-05-2006	Physics, Chemistry, Biology, English, Commercial Art.	55.50	Second
4.	10 th (AISSE)	G.B.R.C, Bodh Gaya	28-05-2004	Science, Mathematics, Social Science, English, Hindi.	51.00	Second

Project Details of Bachelors Degree Programme

Rural Agricultural Work Experience (RAWE)

- Creating awareness among farmers in the rural areas regarding the modern technologies in agricultural sector.
- Presenting a judicious application of fertilizers, insecticide fungicide and pesticide in the village.
- Discussing about government agriculture policy and providing measures in agricultural loss.

Research and Presentation Details of Masters Degree Programme

- Carried out research on “Indirect Regeneration of *Japonica* rice varieties through Anther Culture.”
- Presented seminar on “Chalcone Synthase and its Functions in Plant Resistance.”
- Presented seminar on “*In vitro* regeneration system for Indirect somatic embryogenesis of cereal crops.”

Research Details of Doctoral Degree Programme

- Standardisation of Substrate Growing Media for Production of Microgreen plants.

Academic Achievements

Sl. No.	Degree	Nature of scholarships/fellowships	Years	Remarks
1.	Bachelors	ICAR Undergraduate Scholarships	2009-2013	Awarded
2.	Masters	ICAR-JRF Programme	2012, 2013	Cleared
3.	Masters	DBT-HRD Fellowship Programme	2013-2015	Awarded
4.	Masters	ICAR-NET	2015	Cleared

Workshops/Seminars/Trainings & Conferences Attended

Sl. No.	Programmes Name	Programme Nature	Institutions Name	Years	Remarks
Internationals					
1.	Advances in Plant Biotechnology and Nutritional Security	International Symposium	ICAR-National Institute for Plant Biotechnology, New Delhi and Plant Tissue Culture Association-India (PTCA-I)	28-30 April, 2022	oral presentation
2.	Advances in Food and Agricultural Science and Technology	Virtual International Conference	Chemical Science Review and Letters Journal in association with The Royal Science Forum, Salem, Tamil Nadu	27-28 Aug, 2022	oral presentation, Best Oral Presentation Award
3.	New Paradigms for Agriculture, Food and Sustainability Concerns	International Conference	Agriculture Letters, UAS, Raichur, Karnataka	26-28 Feb, 2021	oral participation
4.	Advances in plant biotechnology and genome editing	International Symposium	ICAR-Indian Institute of Agricultural Biotechnology, Ranchi, India and Plant Tissue Culture Association-India (PTCA-I)	8-10 April, 2021	poster presentation
5.	COVID 19 biotechnology	International conference	Manipal University, Jaipur	30 April, 2020	online participation
6.	Faculty development Programme on Research and Publication ethics	International webinar	Himalayan University, Itanagar in collaboration with Mangalayatan university and Aligarh University	31 May, 2020	online participation
7.	Advance Digital and Biotechnological Tools in Modern Agriculture	International training	Vilasrao Deshmukh College of Agriculture Biotechnology and ICAR- NAHEP, CAAST-DFSARDA, Vasantrao Naik Marathwada Krushi Vidyapeeth, Parbhani	4-8 June, 2020	online participation
8.	International e-Conference on Genetics and Plant Breeding	International e-Conference	Department of Genetics & Plant Breeding, Ch. Charan	13-14 June, 2020	Oral presentation

	Research in Post COVID-19 Era		Singh University Campus, Meerut, Uttar Pradesh		
9.	Role of Environment and Natural Science in COVID 19 Times	International E-Conference	Lucknow Christian (Degree) College Lucknow, in association with Society for Science of Climate Change and Sustainable Environment, New Delhi and The Association of Chemistry Teachers, Homi Bhabha Centre for Science Education (HBCSE), Mumbai	29-31 July, 2020	oral participation
10.	International web Conference On Challenges & Tools for Environmental Science, Biodiversity Conservation, Sustainability and Ecosystem Management at Modern Era	International E-Conference	Department of Biotechnology & Microbiology, Kalp Laboratories, Mathura in collaboration with Indian Farmer and Scientist Council, Ghaziabad, UP,	19-20 Sept, 2020	oral participation
11.	Science for Self Reliant India and Global Welfare	India International Science Festival (IISF, 2020)	Ministry of Science and Technology, New Delhi;	23 - 25 December, 2020	poster presentation
12.	Trends in Plant Sciences and Agrobiotechnology	International Conference	Department of Biosciences & Bioengineering and Centre for Rural Technology, IIT Guwahati in association with Plant Tissue Culture Association, India	14-16 February, 2019	Poster Presentation; Received Best Poster Interactive Award from IIT, Guwahati
13.	Education, Humanities, Business Management Engineering, Sciences, Agro-ecology proceedings	International Conference	NCERT and Krishi Sanskriti	9 March, 2019	Oral Presentation
14.	Agriculture & Animal Husbandry	International Conference	University of Hyderabad and Endling conferences	28-30 August, 2019	Online Poster Presentation; Paper publication in Special Issue
15.	Agriculture and Allied Sciences: The Productivity, Food Security and Ecology	International Conference	Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, West Bengal	13-14 August, 2018	Paper contribution
16.	Jackfruit and Breadfruit of the tropics: Genetic Diversity, Management, Value Addition and Marketing Strategies	International Symposium	GKVK Campus, UAS. Bangalore	15-16 May, 2014	Participated
Nationals					
17.	Natural Resources Management	National	Arunachal University of	28-29	Oral

	and Sustainable Agriculture with reference to NE India	Conference	Studies, Namsai	January, 2020	Presentation
18.	Faculty Development Programme on Virtual Teaching	Training	Teaching Learning Centre, Coimbatore Institute of Technology, Coimbatore	20-21 April, 2020	online participation
19.	Online Scientific Writing Program	Training	Editage, Cactus communications Pvt. Ltd., Mumbai	21 May, 2020	online participation
20.	International day of Biological Diversity	National seminar	Biotechnika Info Labs Ltd, Bangalore, Karnataka	22 May, 2020	online participation
21.	Production and Processing of Horticultural crops	University webinar	Mizoram university, Aizawl	26 May, 2020	online participation
22.	Microbiologist In Everybody	National seminar	Biocon Academy and Biotechnika Info Labs Ltd, Bangalore, Karnataka	3 June, 2020	online participation
23.	National webinar on "e-Education in Agricultural Sciences in the age of Social Distancing: Opportunities, Challenges and Strategies	National webinar	Department of Agricultural Biotechnology Assam Agricultural University, Jorhat, Assam	4 June, 2020	online participation
24.	Environment, Human Health and Sustainable Development Goals and World Environment Day 2020 Celebration	National Conference	Environment and Social Development Association (ESDA), Delhi in association with CSIR-NEERI, New Delhi, Amity university, Gurugram and G. D. Goenka University, Gurugram	5-6 June, 2020	Oral presentation
25.	Career opportunities in Agribusiness	National workshop	Pioneer Institute of Professional Studies, Indore, MP	11 June, 2020	online participation
26.	National webinar on Organic Farming	National webinar	College of Agriculture, Balaghat, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, Madhya Pradesh	16-20 June, 2020	online participation
27.	Faculty Development Program on The art of teaching	Training	Arunachal University of Studies, Namsai	16-20 June, 2020	online participation
28.	Resurgence of Agriculture and Allied Sector Industries in North Eastern Region of India in a Post Covid-19 Scenario	National webinar	College of Horticulture & Forestry Central Agricultural University, Imphal Pasighat, Arunachal Pradesh	22 - 27 June, 2020	online participation
30.	Citrus Industry of Northern India: Opportunities and Challenges	Online webinar	Department of Agriculture, Dolphin (P.G.) Institute of Biomedical and Natural Sciences, Manduwala, Dehradun	5 July, 2020	online participation
31.	Can India solve its farmer's plight & become food bowl of the world?	Online webinar	Biocon Academy and Biotechnika Info Labs Ltd, Bangalore, Karnataka	22 July, 2020	online participation

	Global Water Congress	National conference	Environment and Social Development Association (ESDA), Delhi	2, 3 & 4 October, 2020	oral participation
32.	Bioresources, Conservation and Management Strategies for Rural Development	National Seminar	Department of Botany, University of Science and Technology, Meghalaya and State Institute of Panchayat and Rural Development, Assam, India	22-23 August, 2019	Poster Presentation; Selected to Best Paper for Publication in special issue
33.	Protein Sequencing Techniques	Online National Workshop	Biotechnika Info Labs Ltd, Bangalore, Karnataka	23 January, 2018	Participated
34.	Developmental Biology- Gametogenesis and Fertilization	Online National Workshop	Biotechnika Info Labs Ltd, Bangalore, Karnataka	24 April, 2018	Participated
35.	Innovative Biotechnology and Nanotechnology	National Seminar	GKVK Campus, UAS, Bangalore	30 August, 2013	Participated
36.	Current Scenario and Near Future of Biotechnology as an Interdisciplinary field	National Seminar	Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu	1 March, 2018	Oral Presentation
37.	Innovations of Green Energy Technology for Medical and Environment Application for Sustainable Development	National Symposium	Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu	2 March, 2018	Oral Presentation
38.	Approaches for Doubling the Farmers Income- The road ahead for farmers prosperity	National Conference cum Krishi Unnati Mela	Indian Council of Agricultural Research, NEH Region, A.P. Centre, Basar, Arunachal Pradesh	17-18 November, 2018	Oral Presentation
39.	Techniques of Molecular Markers, Transgenics & DNA sequencing	Training	Department of Plant Biotechnology, UAS. Bangalore	21-24 January, 2015	Participated
40.	Callus induction of <i>japonica</i> rice varieties Azucena and Moroberekan through anther cult.	Post Graduate Science Week	GKVK Campus, UAS, Bangalore	4-7 May, 2015	Poster presentation

Paper Proceedings in Seminars/Conferences

Sl. No.	Programmes Name	Programme Nature	Institutions Name	Years	Title of Papers	Publications (ISSN/ISBN/ NAAS rating/IF factor)
Internationals						
1.	Advances in plant biotechnology and nutritional Security	International Symposium	ICAR-National Institute for Plant Biotechnology, New Delhi	28-30 April, 2022	Involvement of CRISPR-Cas 9 gene editing tool in crop improvement and development	ISBN No: 978-81-956825-0-8

2.	New Paradigms for Agriculture, Food and Sustainability Concerns	International Conference	Agriculture Letters, UAS, Raichur, Karnataka	26-28 Feb, 2021	Recent development in agricultural sciences through Biotechnological methods	ISSN 2582-6522
3.	International web Conference On Challenges & Tools for Environmental Science, Biodiversity Conservation, Sustainability and Ecosystem Management at Modern Era	International E-Conference	Department of Biotechnology & Microbiology, Kalp Laboratories, Mathura in collaboration with Indian Farmer and Scientist Council, Ghaziabad,	19-20 Sept, 2020	Impacts of Fertilizer and Pesticide consumptions in Natural resources of India	ISBN: 978-93-89817-38-6
4.	Education, Humanities, Business Management Engineering, Sciences, Agro-ecology proceedings	International Conference	NCERT and Krishi Sanskriti	9 March, 2019	Vermicompost Production with different Agricultural Wastes	Journal of Agroecology and Natural Resource Management, IF-3.68
Nationals						
5.	Natural Resources Management and Sustainable Agriculture with reference to NE India	National Conference	Arunachal University of Studies, Namsai	28-29 January, 2020	Implementation of Bamboo Industry to Generate Employment in Arunachal Pradesh	ISBN- 81-944507-0-5; ISBN-13 978-81-944507-0-2
6.	Environment, Human Health and Sustainable Development Goals and World Environment Day 2020 Celebration	National Conference	Environment and Social Development Association (ESDA), Delh in association with CSIR-NEERI, New Delhi, Amity university, Gurugram and G. D. Goenka University, Gurugram	5-6 June, 2020	Status of sustainable agriculture and natural resources in Arunachal Pradesh and India	Research Paper was Published in Environment and social development association (ESDA)
7.	Bioresources, Conservation and Management Strategies for Rural Development	National Seminar	Department of Botany, University of Science and Technology, Meghalaya and State Institute of	22-23 August, 2019	Agrotourism is a novel hub of research, farm school and agribusiness	ISBN 978-93-87275-47-8

			Panchayat and Rural Development, Assam, India			
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Paper Publications

Sl. No.	Name of Paper	Nature of Paper	Journal's Name	Years	UGC Care /NAAS/Scopus rating / Impact factor (IF)
Internationals					
1.	Soilless-Plant tissue culture, Production, factors affecting, gene regulations and challenges in tissue cultured plant through soilless culture	Review paper	ACS-Journal of Agricultural and Food Chemistry, American Chemical Society (ACS)	March, 2023	WoS, Scopus, IF- 5.89, NAAS Score- 11.20
2.	Unraveling the potential of environmental phytases for sustainable management of phosphorus	Review paper	Biotechnology and Applied Biochemistry - Wiley Online Library	April, 2023	WoS, Scopus, IF- 2.43, NAAS Score- 8.72
3.	Soilless Crop Improvement/Hydroponics Crop Improvement/ Phytoremediation, Stress tolerance and Bio fortification in Crops through Soilless Culture	Review paper	Crop Design, Elsevier Journal	April, 2023	Scopus
4.	Biometric analysis, Biosynthetic pathway and Multipurpose uses of Buckwheat Local Varieties in Namsai District of Eastern Himalayas in India	Research paper	Trends in Food Science & Technology, Elsevier Journal	May, 2023	WoS, Scopus, SCI, IF- 16.002, NAAS Score- 20.00
5.	Nutrient translocation in soilless culture/ Beneficial effect of heavy metals, antagonistic effect and gene regulations in nutrient translocation through soilless culture	Review paper	Journal of Agriculture and Food Research, Elsevier Journal	June, 2023	Scopus, WoS
6.	Tissue cultured Regeneration and Ecological values in Major Bamboo species	Review paper	Journal of Ecology and Environment, BMC journal, Springer,	August, 2022	Scopus, WoS, IF- 1.81, UGC care
7.	Biodegradation of polymers with microbial agents	Review paper	Current Green Chemistry, Bentham Science Journal	September, 2022	WoS, UGC Care

8.	Crop Hydroponics/Phyto-hydroponics/ Crop production and interaction of factors influencing in soilless culture	Review paper	ACS-Agriculture Science and Technology, American Chemical Society (ACS)	November, 2022	Scopus
9.	Removal of Heavy metals and Agrochemicals residues through Plants	Review paper	Asian Journal of Microbiology, Biotechnology & Environmental Sciences, EM Journal	March, 2022	Scopus Embase, UGC Care, NAAS Score-5.10
10.	Performance of black rice (<i>Oryza sativa</i> L.) varieties in Namsai district of Arunachal Pradesh, India	Research Paper	Research on Crops	March, 2022	Scopus, NAAS Score-4.56, IF-1.06, UGC Care
11.	Evaluation of Improved Varieties of Rice (<i>Oryza sativa</i> L.) Under Environmental Condition of Namsai, Arunachal Pradesh	Research Paper	Ecology, Environment and Conservation	June, 2022	WoS, NAAS Score-5.41, IF-0.45, UGC Care
12.	Performance of selected traditional rice varieties under Namsai conditions of eastern Himalayas	Research Paper	Crop Research	July, 2022	WoS, NAAS Score-4.41, IF-1.3, UGC Care
13.	Utilization of protected cultivation for crop production and preservation in India	Review paper	Environment Conservation Journal	May, 2021	NAAS- 5.66, UGC care, WoS, IF-3.02, Scopus index journal
14.	Effect of growth regulators on callus morphology of Rice anther culture	Research paper	Journal of Applied Biology & Biotechnology	February, 2017	IF-0.85, UGC care, WoS, Scopus
15.	Time utilization for callus induction and regeneration from <i>japonica</i> rice anthers with different growth regulator treatments	Research paper	International archive of Applied Sciences and Technology	April, 2017	NASS- 4.45, IF-1.05
16.	Indirect regeneration of <i>japonica</i> rice (<i>Oryza sativa</i> L. spp. <i>japonica</i>) Varieties through anther culture	Research paper	International Journal of Current Microbiology and Applied Sciences	August, 2018	NAAS- 5.38, UGC Care
17.	Morphology response of growth regulators on callus of <i>japonica</i> rice through anther culture	Research paper	Clinical Biotechnology and Microbiology Journal, USA	August, 2018	WoS, IF-4.11
18.	Present and Past Status of Indian Agriculture	Review Paper	Agriculture Research and Technology Open Access journal	September, 2018	WoS, IF-1.3
19.	Ex-situ Conservation and Husbandry of Unproductive Cattle	Review Paper	Clinical Biotechnology and Microbiology Journal, USA	September, 2018	WoS, IF-4.11
20.	Renewable energy generating	Review Paper	Journal of Applied Natural	November,	NAAS- 4.84,

	employment specially in Indian agriculture		Science	2018	UGC care, Scopus index, IF-0.26
21.	Evaluation of Rice varieties (<i>Oryza sativa</i> L.) in Namsai District, Arunachal Pradesh	Research paper	International Journal of Tropical Agriculture	December, 2019	NAAS- 3.49, UGC care
Nationals					
21.	Advancement of agricultural technology in farming of India	Research paper	Bhartiya Krishi Anusandhan Patrika	January, 2022	NAAS Score-3.07, IF-1.05, UGC Care
22.	Utilization of CRISPR Cas 9 System in Crop Improvements	Review paper	Plant Cell Biotechnology and Molecular Biology	February, 2022	WoS, NAAS Score-4.41
23.	Initiation of Farmers University and Farmers Bank in India	Review paper	Pantnagar Journal of Research	June, 2022	NAAS Score-3.07, UGC Care
24.	Reformation of ration shop for below poverty line people in India	Review paper	Pantnagar Journal of Research	June, 2022	NAAS Score-3.07, UGC Care
25.	Role of Mushroom in the bioremediation of heavy metals and biodegradation of dyes	Review paper	Journal of Eco-friendly Agriculture	July, 2021	NAAS- 5.23, UGC care
26.	Current status of Food Security in India	Research Paper	Indian Journal of Pure & Applied Biosciences	January-February, 2020	WoS, NAAS-4.74, IF-6.56
27.	Conservation and utilization of stray cattle for organic agriculture	Review Paper	Journal of Entomology and Zoology Studies	December, 2020	NAAS- 5.53, IF-6.414
28.	Determination of seed germination and seedling growth of local and exotic rice varieties with different water	Research paper	The Pharma innovation Journal	May, 2019	NAAS- 5.23, UGC care IF-5.98

29.	Effect of climatic factors on seedling growth of local and exotic rice varieties	Research paper	Journal of Pharmacognosy and Phytochemistry	June, 2019	NAAS- 5.21, UGC care IF-5.52
30.	Present Farming and Agriculture Market Scenario of Uttar Dinajpur District in North Bengal	Review Paper	Indian Agriculturist Journal	July, 2018	NAAS- 4.11
31.	Agriculture Journalism Brings Employment in India	Review Paper	Indian Journal of Hill Farming	September, 2018	NAAS- 5.04, UGC Care
	Effect of growth regulator concentrations on callus induction and regeneration in <i>japonica</i> rice varieties through anther culture	Research paper	Journal of cell and Tissue research	February, 2017	NAAS- 4.04, UGC Care
32.	Effect of growth regulators and chemical supplements on callus induction in <i>japonica</i> rice varieties through anther culture	Research paper	Research in Environment and Life Sciences	July, 2016	NAAS- 3.74, UGC care

Book/Chapter Publications

Sl. No.	Title's	Type	ISBN No.	Name of Publisher	Year
Internationals					
1.	A comprehensive update on traditional agricultural knowledge of farmers in India	Book chapter	ISBN No: 9789811965012	Wild Food Plants for Zero Hunger and Resilient Agriculture, Springer Nature Singapore	4 April, 2023
2.	Involvement of CRISPR-Cas 9 gene editing tool in crop improvement and development	Book chapter	ISBN No: 978-81-956825-0-8	ICAR-National Institute for Plant Biotechnology, New Delhi	28-30 April, 2022
3.	Theory and Practices of Plant tissue culture	Book	ISBN No: 9789390309146	Narendra publisher, New Delhi	February, 2022
4.	Effect of growth regulator concentrations on callus induction and regeneration in <i>japonica</i> rice varieties	Book	ISBN No: 978-613-9-91601-6	Lambert Academic Publishing, Germany	February, 2018
5.	Time response of growth regulator treatments on callus induction and regeneration of <i>japonica</i> rice varieties	Book	ISBN No: 978-613-9-57421-6	Lambert Academic Publishing, Germany	March, 2018

Nationals					
6.	Implementation of Bamboo Industry to Generate Employment in Arunachal Pradesh	Book chapter	ISBN No: 81-944507-0-5; ISBN-13 978-81-944507-0-2	Natural Resources Management and Sustainable Agriculture with reference to NE India	28-29 January, 2020
7.	Agrotourism is a novel hub of research, farm school and agribusiness	Book chapter	ISBN No: 978-93-87275-47-8	State Institute of Panchayat and Rural Development, Assam, India	22-23 August, 2019

Popular article/Magazine Publications

Sl. No.	Title's	Name of Publisher	Year
1.	Current Prospects of Agriculture courses and Opportunity in India	Agrobios Newsletter	April, 2020
2.	Agromart promotes agribusiness in India	Biotica Research Today	May, 2020

Project Selection Details

Sl. No.	Name of Institution	Project Name	Year
1.	Indian Institute of Plantation Management, Bangalore, Karnataka	A Project Proposal on Honey Bee Farming	Dec, 2022
2.	Indian Institute of Plantation Management, Bangalore, Karnataka	Bamboo timber primary processing Unit	Dec, 2022

Work Experience Details

Sl. No.	Name of Institutions	Positions	Year	
			from	to
1.	Arihant Naturecrop Private Limited, Lodipur, Rajgir	Junior Executive	May, 2017	July, 2017 (3 months)
2.	Trimurti Plant Sciences Private Limited, Hyderabad	Sales officer	Aug, 2017	May, 2018 (9 months)
3.	Arunachal University of Studies, Namsai, Arunachal Pradesh	Assistant Professor	June, 2018	July, 2020 (2yrs, 1 months)
4.	RNB Global University, Bikaner, Rajasthan	Assistant Professor	August, 2020	Feb, 2022 (1 yrs, 6 months)
5.	Arunachal University of Studies, Namsai, Arunachal Pradesh	Assistant Professor	February, 2022	onwards (1yrs, 4 months)

Additional Informations

- Assisted as 'Coordinator' at National Conference, 2020 in Arunachal University of Studies, Namsai, Arunachal Pradesh,
- Provided 'Summer training programme' to B.Sc. (Hons.) Agriculture Degree students in Arunachal University of Studies, Namsai, Arunachal Pradesh,

- Worked as ‘Farm House Development Coordinator’ for Agriculture field Development, in Arunachal University of Studies, Namsai, Arunachal Pradesh,
- Conducted of Field Design Experiment for Masters Degree Students in Arunachal University of Studies, Namsai, Arunachal Pradesh,
- Worked as ‘Campus Development Committee Coordinator’, ‘RAWE Coordinator’ ‘Experiential Learning (EL) Coordinator’ and Campus Development Committee’ in RNB Global University, Bikaner, Rajasthan,
- Prepared Guidelines of RAWE & AIA Programme and Experiential Learning (EL) Programme as Programme Coordinator in RNB Global University, Bikaner, Rajasthan,
- Worked as ‘Garden and Environmental Safety Committee Core Incharge’, ‘Academic Improvement Committee Core Incharge’ and ‘Examination cell committee Core Incharge’ in RNB Global University, Bikaner, Rajasthan,
- Conducted ‘Seminar, training and workshops’ in RNB Global University, Bikaner, Rajasthan,
- Conducted 24 students B.Sc. (Hons.) Agriculture, 3rd yr., 5th sem. of RNB Global University, Bikaner, Rajasthan for Summer Internships Training (SIPs) in the Several Agro and Agro-based Industries,
- Compiled ICAR-SSR report with cooperation Retired Professor and Expert in RNB Global University, Bikaner, Rajasthan,
- Worked as Internal Quality Assurance Cell (IQAC) Incharge, Department of Crop Improvement, Arunachal University of Studies, Namsai, Arunachal Pradesh from 2022 year,
- Management of UG & PG Classroom and Compilation of Documents of Plant Tissue Culture and Molecular Biology UG and PG Laboratory for ICAR-SSR report and ICAR-PRT team Inspection in Arunachal University of Studies, Namsai, Arunachal Pradesh,
- Establishment of UG & PG Laboratory of Plant Tissue Culture, Genetics & Plant Breeding and Seed Science & Technology in Arunachal University of Studies, Namsai, Arunachal Pradesh,
- Worked as paper evaluation faculty duty and seating plan arrangement under examination committee in Arunachal University of Studies, Namsai, Arunachal Pradesh during 2022 or 2023 academic session,
- Worked as Stage committee members and Programme committee members in 1st AIU National youth and adventure trekking camp organized by Association of Indian Universities, New Delhi (AIU) and Arunachal University of Studies, Namsai (AUS) on 16-18 February 2023.

Teaching/Practicals/Research/Extension/Administration

a) Teaching							
Sl. No.	Institutions	Subject Details		Years		Total Experience	Any other information
		U.G.	P.G.	From	To		
1.	Arunachal University of Studies, Namsai; RNB Global University, Bikaner	Plant Biotechnology, Genetics and Cytogenetics, Crop physiology, Plant Biochemistry, Plant Breeding, Seed science and technology, food science		2018	2023	4 yrs	For B.Sc.(Agri.) students

2.	Arunachal University of Studies, Namsai	Soil Fertility and Nutrient Management		2018	2020	1yr, 9 months	For B.Sc.(Agri.) students
3.	Arunachal University of Studies, Namsai	Introduction to Indian Agriculture & Basic Botany		2018	2022	2 yrs	For Diploma (Agri.) students
4.	Arunachal University of Studies, Namsai		Biotechnology of Horticultural Crops	2018	2022	2 yrs	For M.Sc. students
5.	Arunachal University of Studies, Namsai		Genomics and Metagenomics	2018	2021	1yr, 9 months	For M.Sc. students
6.	Arunachal University of Studies, Namsai		Principle of Gene Manipulation	2018	2022	1yr, 9 months	For M.Sc. students
7.	Arunachal University of Studies, Namsai		Metabolism and Molecular Biology	2018	2020	1yr, 9 months	For M.Sc. students

b) Practicals Guidance

Sl. No.	Practical Details		Years		Total Experience	Any other information
	U.G.	P.G.	From	To		
1.	Anther culture of Rice (<i>Oryza sativa</i> L.),		2018	2021	2 yrs	For B.Sc.(Agri.) students
2.	Seed culture of cereal crops		2018	2021	2 yrs	For B.Sc.(Agri.) students
3.	Embryo culture of rice, wheat and maize		2018	2021	2 yrs	For B.Sc.(Agri.) students
4.	Leaf culture of rice and banana		2018	2021	2 yrs	For B.Sc.(Agri.) students
4.	Nodal culture of Bamboo		2018	2021	2 yrs	For B.Sc.(Agri.) students
5.	Shoot tip culture/Meristem culture of Banana		2018	2021	2 yrs	For B.Sc.(Agri.) students

6.	Germination in Seed Germinator Chamber and Seed counting in Seed grain counter		2021	2023	1 yrs	For B.Sc.(Agri.) students
5.		Anther culture of Rice (<i>Oryza sativa</i> L.), Seed culture of cereal crops, Embryo culture of rice, wheat and maize, Leaf culture of rice and banana, Nodal culture of Bamboo, Shoot tip culture/Meristem culture of Banana	2018	2022	2 yrs	For M.Sc. (Agri.) students

b) Research Guidance

Sl. No.	Institution	Name of students & Topics of Research	Year	Degree		Additional Information
				M.Sc./ M.Phil	Ph.D.	
1.	Arunachal university of studies	Effect of different sowing dates on morphological characteristics and yield of maize under Namsai district	M.Sc. (Agronomy), 2022-2023			Advisory Member
2.	Arunachal university of studies, Namsai	2. Azizul Hoque (Nutrient Management in Khamti Lahi rice)	M.Sc. (Agronomy), 2019-2020			Major Advisor/ Guide
3.	Arunachal university of studies	3. Anchali Yao (Evaluation of Local Rice varieties in Namsai District)	M.Sc. (Agronomy), 2019-2020			Major Advisor/ Guide
4.	Arunachal university of studies	Rikki Rihan Sanga (Evaluation of Black rice varieties in Namsai District)	M.Sc. (Agronomy), 2019-2020			Major Advisor/ Guide
5.	Arunachal university of studies	5. Hibu Sunya (Effect of Bio-Formulations on Growth and Yield of	M.Sc. (Agronomy), 2019-2020			Major Advisor/ Guide
	Arunachal university of studies	6. Michi Yarang (Effect of Bio-Formulations on Growth and Yield of	M.Sc. (Agronomy), 2019-2020			Advisory Member

		Pea (<i>Pisum sativum</i> L.)				
6.	Arunachal university of studies	7. Mege Duchok (Response of Different Maize (<i>Zea mays</i> L.) Varieties to Planting Densities)	M.Sc. (Agronomy), 2019-2020			Advisory Member
7.	Arunachal university of studies	8. Performance of Mustard Greens Cultivars (<i>Brassica juncea</i> (L.) C.	M.Sc. (Agronomy), 2019-2020			Advisory Member
8.	Arunachal university of studies, Namsai	1. Chera Buri (Evaluation of Rice varieties in Namsai District)	M.Sc. (Agronomy), 2018-2019			Major Advisor/ Guide

Reviewer and Editorial Members

Sl. No.	Name of Journals	Members	Year	Additional Information
1.	Clinical Biotechnology and Microbiology in Multidisciplinary Open Access journal Scientia Ricerca, USA	Editorial	June,18	IF factor- 4.11
2.	International Journal of Agriculture Sciences, Bioinfo Publications, Pune	Reviewer	March, 19	NAAS rating- 4.20
3.	National Academy Science Letters, Springer	Reviewer	May, 18	IF factor- 0.33
4.	Biosciences Biotechnology Research Asia, Bhopal, India	Content Specialist	January, 20	WoS, Scopus, NAAS rating- 4.93
5.	Current Journal of Applied Science and Technology	Reviewer	May 21	ISSN: 2457-1024, NAAS score- 5.32
6.	npj Science of Food - Nature	Reviewer	March, 23	WoS IF factor- 5.07, Scopus IF factor- 6.213, SCIE, ISSN 2396-8370
7.	Royal Society of Chemistry (RSC)	Member	April, 23	London, United Kingdom

In-service Award/ Recognitions

Sl. No.	Name of the Award/Recognition	Awarding Organization (Place/Country)	Year	National/International/ Institution/Professional Society	Additional Information
1.	Certificate of Appreciation	Namsai, Arunachal Pradesh, India	2019	Arunachal University of Studies, Namsai	Individual
2.	Award of Appreciation	Namsai, Arunachal Pradesh, India	2020	Arunachal University of Studies, Namsai	Individual

3.	Award of Appreciation	Biosciences Biotechnology Research Asia, Bhopal, India	2020	Biosciences Biotechnology Research Asia, Bhopal, India	Individual
4.	Certificate of Recognition	Current Agriculture Research Journal	2021	Current Agriculture Research Journal	Individual
5.	Award of Appreciation	Biosciences Biotechnology Research Asia, Bhopal, India	2021	Biosciences Biotechnology Research Asia, Bhopal, India	Individual
6.	Certificate of Appreciation	Namsai, Arunachal Pradesh, India	2022	Arunachal University of Studies, Namsai	Individual

Extra-Curricular Activities

Playing Cricket, Football, Volley ball, Badminton and Reading.

Personal Skills

- Sincerity in work,
- Diligent in work,
- Discipline in duty,
- Comprehensive problem solving ability,
- Willingness to learn with predecessor,
- Good communication skills and
- Team working spirit.

Technical Skills

- Operating system: Windows,
- Microsoft office,
- Statistical Data Analysis- ICAR WASP, OP STAT,
- Education- academics, research, teaching, administration, farm management,
- Document Preparation- article preparation, report preparation, project development, data analysis,
- Conduction of field design experiment, farm house development, farm operations,
- Field study of Interest- Plant tissue culture, crop production, post harvest management in crop, crop & microgreen production in hydroponics culture, crop production in protected cultivation, vermicompost production, mushroom production, cattle farming, poultry farming, organic farming, soil analysis, farm management, agrochemicals demonstration and recommendation, crop protection, farm economics,
- Agribusiness Management- agro technology formation, value added supply chain development, agromart development, start-up implementation, inter collaborations, inspection, mobilization, training, rural reformation, employment creations, warehouse management, agrochemicals, seed industry.

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Declaration

I hereby declare that all the statements made above are true to the best of my knowledge and belief.

Place: Nalanda, Bihar

Avinash Sharma

Date: 15/05/2023