


CURRICULUM- VITAE

Name	Dr. SANJEEV KUMAR GUPTA	
Current Designation	Associate Professor (Agronomy)	
DOB	01-01-1979	
DOJ in SVPUAT, Meerut	12-03-2025	
Highest Qualification	Ph. D. in Agronomy	
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AREA OF SPECIALIZATION		

- **Round The Year Fodder Production and Livelihood Improvement of farmers**
- **Green Fodder Production through Hydroponic Technology**

Teaching and Research Experience: More than 15 Years

- **More than twelve years** teaching/research/extension experience as Assistant Professor-cum-Jr. Scientist and Associate Professor in the field of Agronomy.
- **One and half year** research and extension experience as Research Associate (RA) in the division of CESCRA, IARI, Pusa, New Delhi.
- **One and half year** research and extension experience as Project Assistant in the Amity Institute of Bioorganic Research Studies (AIBORS) at Amity University, Noida, and U.P.

Students Guided

- **05 M.Sc. (Ag.)** and **01 Ph.D.** Students guided as Chairman Advisory Committee.
- **15 M.Sc. (Ag.)** and **02 Ph.D.** Students guided as Member Advisory Committee.

Project Handled (Approx. Budget: 4.84 Crore)

Capacity/Budget (Lakh)	Funding agency	Project title
P.I./180.0	R.K.V.Y. (Govt. of India)	Strategy to improve productivity and profitability of Fodder and vegetables using Hydroponics in Eastern India
Co-PI/197.4	ICAR	Farmer FIRST Programme
Co-PI/46.0	IRRI, Project	Sustainable diversification and intensification of rain fed rice ecologies in south Bihar
Co-PI/ 14.7	CIMMYT	Field testing of Rice-Wheat Crop Manager (RWCM) in Eastern India
P.I./4.00	State Plan	Development of forage based cropping system for quality fodder production in zone-III A of Bihar
P.I./4.00	State Plan	Developing Agro-techniques for Improving of Quality Fodder Production in Bihar
Co-P.I./4.00	State Plan	Effect of Feed block feeding on milk yield and milk composition of crossbred cow
Co-P.I./30.0	State Plan	Developing and validating modified STCR equations for prominent crops in Bihar

Publication:

• Total Publications	: 211
• Research Papers	: 45
• Review Papers	: 20
• Books	: 11
• Book Chapters	: 25
• Popular Articles	: 45
• Technical Bulletins and Manuals	: 15
• Abstracts and Extended Summery	: 50

Important Publication

- **Sanjeev Kumar Gupta**, Priya Kumari, Rajesh Kumar, Amit Kumar, Raghubar Sahu, M.K. Singh, Hariom and Anshuman Kohli (2024) Influence of Seed Rate on Productivity, Nutritional Composition and Economics of Hydroponics Fodder Maize. *Agricultural Mechanization in Asia, Africa and Latin America* **55(12)**: 19623-19628.
- R. K. Naresh, P. K. Singh, Rajan Bhatt, Mandapelli Sharath Chandra, Yogesh Kumar, N. C. Mahajan, **S. K. Gupta**, Nadhir Al-Ansari & Mohamed A. Mattar (2024) Long-term application of agronomic management strategies effects on soil organic carbon, energy budgeting, and carbon footprint under rice–wheat cropping system. *Scientific Reports*, **14**:337.
- M Ghosh, A Roy Choudhury, SK Dutta, KK Hazra, Garima Singh, A Kohli, S Kumar, S Acharya, Jajati Mandal, YK Singh, SK Pathak and **Sanjeev Kumar Gupta** (2023) SPAD Chlorophyll meter based real time nitrogen management in manure amended lowland rice. *Journal of Soil Science and Plant Nutrition*. *Doi.org/10.1007. Springer*
- **Sanjeev Kumar Gupta**, GS Panwar, S Roy Choudhury, Hariom, Rajesh Kumar, Amit Kumar, RK Naresh and AB Patel (2022) Evaluation of Production Potential and Feasibility of Different Forage based Crop System for Round the year Fodder Production. *Agricultural Mechanization in Asia, Africa and Latin America* **53(8)**: 9545-9555.
- Deo Kumar, Arbind Kumar Gupta, **Sanjeev Gupta**, Jitendra Singh and Mohan Singh (2020) Influence of vermicompost on physiochemical properties of soil in wheat field. *Plant Archives* **sp (20)**: 183-187.
- Suman Lata, Anshuman Kohli, Y. K. Singh, Sweta Shambhavi, M. Ghosh and **Sanjeev Kumar Gupta** and (2020) Estimation of greenhouse gas emission in rice based cropping system using fertigation cool farm tool. *Journal of Soil and Water Conservation*. **19(1)**:26-31.
- Ved Prakash, Mainak Ghosh, **Sanjeev Kumar Gupta** and Anshuman Kohli (2019) Zero tillage and nitrogen supplementation using chlorophyll meter in irrigated wheat. *Journal of Soil and Water Conservation*. **18(4)**:406-409.
- **Sanjeev Kumar Gupta**, Sanoj Kumar, R.K. Sohane, S.K. Pathak, S. Raghawan, Shridhar Patil and Arvind Bhai Patel (2019) Adaptation and Impact of ZT Technology for Wheat Cultivation in Eastern Region of Bihar. *Current Journal of Applied Science and Technology* **38(6)**: 1-13.
- Rama Bharti, **S. K. Gupta**, Mainak Ghosh, Anshuman Kohli, C.K. Panda, M.K. Singh and S.K. Pathak (2019) Effect of Plant Population and N Levels on Growth and Yield Attributes of Fodder Maize (*Zea Mays* L.) *Multilogic in Science* **9(3)**: 215-217.
- **Sanjeev Kumar Gupta**, Ram Prasad, M. Ghosh, Sushant and S. N. Dubey (2017) Effect of bio fertilizers and nitrogen on yield, N uptake, N-use efficiency and apparent N recovery in wheat *Progressive Agriculture - An International Journal*.**17(1)**:21-25
- Ram Prasad, **Sanjeev Kumar Gupta**, Anil Katyar and S. N. Dubey (2017) Performance of fodder maize (*Zea mays* L.) as influenced by residual effect of inorganic fertilizers in western UP. *Progressive Agriculture - An International Journal*.**17(1)**:90-96

- **Sanjeev Kumar Gupta**, Mainak Ghosh, Anshuman Kohli, Y.K. Singh, and B.K. Vimal (2016) Evaluating the Characteristics of Contrasting Rice Varieties for Suitability in Rainfed Lowland Area of Bihar. *International Journal of Tropical Agricultural*. **34(3):821-826**

Significant achievement

- Trainings/Seminar/Workshop organized : 14
- Trainings/workshop (International & National) attended : 35
- Scientific Lecture delivered on fodder crops in various programs : 70
- Lecture delivered though video conferencing : 75
- Radio Talk delivered on different field crops : 15
- TV Talk delivered : 05
- **Worked as Hostel Superintendent** of PG hostel (4 Years), **In-charge** University Guest House (5 Years), **Coordinator**, Fodder Research Team at University level (1 Year), **Farm In-charge** of University head quarter (1 Year), **Chairman**, Departmental Showcasing Committee and **Member**, University Museum-cum-Exhibition Committee of Bihar Agricultural University, Sabour, Bhagalpur since from 2012 to 11 March, 2025.

Award/Recognitions in national & international events

Leadership Award-2022	International Conference during 7-10 November, 2023 organized by Soil Conservation Society of India, New Delhi
Best Scientist Award	5 th Foundation Day of Bihar Agricultural University, Sabour, Bhagalpur during 05 August, 2023
Scientist of the Year Award	National Conference on Food and Nutritional Security & Sustainable Agriculture during 15-16 April, 2022 at Hyderabad, India
Dr. APJ Abdul Kalam Scientist Award-2020	11 th International Conference on Agriculture, Horticulture, and Plant Science organized by Society of Tropical Agriculture, New Delhi
Outstanding Agronomist Award	3 rd National Conference on Promoting & Reinvigorating Agri-Hort., Technological Innovations at Dhanbad Year of 2019
Best Oral Paper Presentation Award	International Conference on Soil and water resources management for climate smart agriculture, global food and livelihood security, Year-2019 at NASC Complex, Pusa, New Delhi
Excellence in Communication Award	International Conference on Global Research Initiatives for Sustainable Agriculture and Allied Science in Year 2019 at ICAR-NAARM, Hyderabad
Best Poster Presentation Award	International Conference on Crop Residue Management (ICCRM-2019) at Gyan Bhawan, Patna
Excellence in Extension Award	International Conference on Food security through Agriculture & Allied Science in the year 2019 at Tribhuvan University, Kathmandu
Excellence in Research Award	International Conference on Global Research for Sustainable Agriculture & Allied Science in the year 2018 at Rajasthan Agricultural Research Institute, Jaipur, Rajasthan, India.
Young Scientist Award	International Conference on Advances in Agriculture and Applied Sci. for Promoting Food Security, 2018 at Kathmandu.
Best Young Scientist Award- 2016	Society for Scientific Development in Agriculture and Technology at Prof. Jayashakar Telangana State Agricultural University, Rajendranagar, Hyderabad
Best Poster Presentation Award	National Seminar on Soil Health Management in year of 2016 Organized by Bihar Agricultural University, Sabour

Technology/Package of Practices Developed

Year of released	Name of technology/Package of Practices	Capacity
2024	Hydroponics Maize Fodder – A Nutritious Fodder for Sustainable Livestock Production	Lead Developer
2024	Weed management in transplanted finger millet	Associated Scientist
2023	Technology on Trishanker Grass (Tri-Specific Hybrid-TSH) Perennial Sesbania/Style Grass + Sorghum+Cowpea–Maize most profitable cropping system for round the year fodder production in Bihar	Lead Developer
2023	Technology on Sabour Feed Block – A complete feed and balance ration for cattle's.	Associated Scientist
2021	Technology on Multicut Sorghum – Berseem – Maize + Cowpea `most feasible cropping system for round the year fodder production under medium to upland with irrigated condition of Bihar and Central UP	Lead Developer
2021	Technology on Sorghum + cowpea with 2:1 row ratio most suitable sorghum based intercropping system in lean period (summer) under Bihar condition	Lead Developer

Technical Video Developed

Topic	Duration	Released Date	No of viewers
SAAL BHAR HARA CHARA UTPADAN TAKNIKI (PART – 1)	13 Minutes	2019	2,59,248
SAAL BHAR HARA CHARA UTPADAN TAKNIKI (PART – 2)	32 Minutes	2021	9 thousand +
HYDROPONICS FODDER PRODUCTON TECHNOLOGY	7.56 Minutes	2023	4,490 +

Life Member of various scientific bodies

Indian Society of Agronomy
Soil conservation society of India
Society for Scientific Development in Agriculture and Technology (SSDAT)
Society for Agriculture Innovation and Development (SAID), Ranchi
Range Management Society of India
Society of Extension Education (SEE), Agra
BHARTIYA KRISHI ANUSANDHAN SAMITI
Green Agri Professional Society (GAPS)
Academy of Natural Resource Conservation & Management (ANRCM), Lucknow