

Dr.Smriti Singh
Assistant Professor
School of Agriculture
SAGE University, Bhopal
ICSSR Doctor Fellow
Ph.D (Agricultural Extension and Communication)
Govind Ballabh Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, India,
263145.
D.O.B – 21/11/1993
Email id: smritisingh1199@gmail.com, drsmritisingh7@gmail.com
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EDUCATIONAL BACKGROUND:

Educational details	Year of passing	Place	Percentage
PhD (Agricultural Extension and Communication) (Department Topper)	2017- 3.2.2022 Submitted thesis on 16 th December 2021 Defended Thesis – 27 th January 2022 Final submission- 1.2.2.22 PDC –3.2 2022	Govind Ballabh Pant University of Agriculture & Technology, Pantnagar, Uttarakhand.	82.26%
M.Sc (Agricultural Extension) (Department Topper)	2015-2017	Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, Uttar Pradesh	85.7%
B.Sc Agriculture (Gold Medalist) (University Topper) (Best Student Undergraduate Program)	2011-2015	Sam Higginbottom Institute of Agriculture and Technology (SHIATS), Formerly Allahabad Agriculture Institute, Naini, Allahabad, Uttar Pradesh	95%
Intermediate (C.B.S.E Board)	2011	Bokaro Ispat Senior Secondary School Sector 2/C, Bokaro Steel City, Jharkhand	81.6%
Matriculation (C.B.S.E Board)	2009	Bokaro Ispat Vidyalaya Sector 1/C, Bokaro Steel City, Jharkhand	87.6%
SHORT/DISTANCE COURSES			
PGDRD in Rural Development	2019- present	IGNOU, New Delhi	-

AgMoocs in Fundamental of Agricultural Extension	2020	IIT Kanpur and IAS BHU collaboration (8 weeks online course)	First Division
Diploma in Fine Arts	2005-2010	Chandigarh Kala Kendra	First Division

PhD Thesis : Scientisation of Indigenous Technical Knowledge of Tribal farmers in Ranchi district of Jharkhand.

Research experience – Masters Thesis 6 months (October 2016-April 2017)

Visited four tribal villages of Ranchi district, Jharkhand and survey method was used for data collection for M.Sc Thesis entitled “Impact of Improved Agricultural Technologies of Rapeseed-Mustard on Tribal farmers of Ranchi District, Jharkhand.”

Teaching Experience

- Teaching – 1 year 7 months as Assistant Professor, SAGE School of Agriculture, Sanjeev Agrawal Global Educational University, Bhopal (March 14, 2022 -Present)
- Assisted advisor in an Under Graduate Course of “Transfer of Technology in Extension” (January-August 2019).
- Assisted advisor in a Post Graduate course of “Diffusion and Adoption” (Course code: AAC-654) (August-December 2019).

RESEARCH INTEREST AREAS:

Participatory approaches, project management, sustainable agriculture interventions, tribal welfare studies, gender based studies, climate change interventions and other managerial aspects of agriculture, Nutrition Sensitive Agriculture, Post harvest management etc.

SKILLS:

Good communication skills, rapport building skills, team building spirit, well acquainted with participatory approaches used in rural development projects, group dynamics, ethnographic studies, project management techniques (Delphi Technique), Micro teaching, Programmed Instruction, Instructional technology etc.

RESEARCH PAPERS PUBLISHED

- i. **Singh, S.** and Sharma, G. 2021. Socio-personal and Economic Profile of Tribal Farmers Practicing Indigenous Technical Knowledge in Ranchi district of Jharkhand. *Asian Journal of Agricultural Extension, Economic and Sociology*, 39(10):19-24. (NAAS rating: 4.86).
- ii. Jha, S., Kashyap, S. K., Ansari, M. A., Kameswari, VLV., **Singh, S.** and Goswamy, P. 2021. Attitude of Farm Women Towards ICT Tools based Extension Services, *Indian Research Journal of Extension Education*, 21(1): 96-98. (NAAS rating: 4.82)
- iii. Jha, S., Kashyap, S. K., Ansari, M. A., Goswamy, P., and **Singh, S.** 2021. Information Communication Technology: A Communication Tool for Women Empowerment. *International Journal of Current Microbiology and Applied Sciences*, 10(1): 578-583. (NAAS rating: 5.38)
- iv. **Singh, S.**, Tiwari, A; and Ratan Singh, R.P. 2020. Constraints Perceived by Wheat Growers in Sitapur District of Uttar Pradesh, *Journal of Krishi Vigyan*, 8(2):49-53. (NAAS rating: 4.55)
- v. Singh, N; Bhardwaj N and **Singh, S.** 2020. Opinion of farm women regarding vocational trainings conducted under KVK Jeolikote, *Journal of Pharmacognosy and Phytochemistry*, 9(2):177-179. (NAAS rating: 5.21)
- vi. **Singh, S.** and Neha. 2019. A Study on Knowledge and Skill Level of Public Speaking for Employment among UG and PG students of GBPUA&T, Pantnagar, Uttarakhand, India. *International Journal of Current Microbiology and Applied Sciences*, 8(7), pp: 325-334. (NAAS rating: 5.38)
- vii. **Singh, S.**, Tiwari, A. and Ratan Singh, R.P. 2019. Constraints Perceived by Tribal Farmers in Adoption of Improved Production Technologies of Rapeseed-Mustard in Ranchi District. *Journal of Krishi Vigyan*, 7(2), pp: 46-50. (NAAS rating: 4.41)
- viii. **Singh, S.**, Ratan, Singh, R.P. and Singh, V.K. 2019. Tribal Farmers Attitude towards Adoption of Recommended Rapeseed-Mustard Technology. *Indian Research Journal of Extension Education*, 19(2&3), pp: 17-19. (NAAS rating: 4.82)
- ix. **Singh, S.**, Neha, Yadav, S. and Tomar, P. 2018. Facilitating Sustainable Agriculture by Strengthening Indigenous Technical Knowledge. *Bulletin of Environment, Pharmacology and Life Sciences*, 8(1):18-23. (NAAS rating: 4.96)

BOOK CHAPTERS

- i. Jha, S. and **Singh, S.** 2021. Role of Agriculture Extension for Climate Smart Agriculture, *In: Hasan, W., Mundhe, S.G., Ansari, A.M. and Kumari, S. Implications for Climate Smart Agriculture*, Biotech Books, New Delhi, pp: 199-208.

- ii. Jha, S. and **Singh, S.** 2021. E- National Agriculture Market Sharma, *In: S. and Rawat, A.K. Doubling Farmers’ Incomes - Issues, Strategies and Recommendations, Vol 3, Aiknik Publications, New Delhi, pp: 23-37.*

POPULAR ARTICLES/ BOOK CHAPTERS

- i. **Singh, S.** 2023. “Practice of Stubble Burning - Woes of Policymakers. (Article No: 66); *Just Agriculture Multidisciplinary e-Newsletter* 3 (10): 409-411. <https://justagriculture.in/2023/june/publications-newsletter.html>.
- ii. **Singh, S.** 2023. “Millets – A sustainable Alternative to Food and nutritional security ; *Just Agriculture Multidisciplinary e-Newsletter* 3 (10) : 324-325, (e-ISSN: 2582-8223) <https://justagriculture.in/2023/june/publications-newsletter.html>.
- iii. Pandey, A; Kher, D. And **Singh, S.** 2022. Organic Farming Methods and Modern Concept (Article No: 49). *Just Agriculture Multidisciplinary e-Newsletter* 2 (10): 324-325, (e-ISSN: 2582-8223) <https://justagriculture.in/2022/june/publications-newsletter.html>
- iv. Singh, S., Kher, D. and Pandey, A. 2022. Natural farming – Prospects for Securing Livelihood of Farming Community (Article No: 47). *Just Agriculture Multidisciplinary e-Newsletter* 2 (10): 324-325, (e-ISSN 2582-8223) <https://justagriculture.in/2022/june/publications-newsletter.html>
- v. Bhardwaj, N., Singh, N. and **Singh, S.** 2021. Approaches to assess women empowerment and pros and cons of each approach. *Indian Farmers’ Digest*, 54 (10):17-21.
- vi. **Singh, S.** 2020. Agro-tourism - A Sustainable Income Generating Tool (Article No: 20549), *Agrobios Newsletter*, XIX (03):141-142.
- vii. **Singh, S.** 2020. Extension Advisory Services (EAS): Looking through New Perspective (Article Id: 23723), *Agriculture & Food: E-Newsletter*, 2(5):348-349.e ISSN-2581-8317.
- viii. **Singh, S.** and Neha. 2019. Kisan Call Centres: Bridging the Information Gap. *Agrobios Newsletter*, XVII (10):129-130.
- ix. **Singh, S.** and Bhatt, P. 2019. Climate Smart Agriculture: A New Trend for Sustainable Agriculture. *Agrobios Newsletter*, XVIII (2):136-137.
- x. **Singh, S.** 2019. Pradhan Mantri Mudra Yojana - An Entrepreneurship Development Initiative. *Agriculture & Food: E-Newsletter*, 1(8):90-92.
- xi. **Singh, S.** 2019. Farmer Producer Organisation: An effective way for the upliftment of farmers at grassroot level. *Agriculture & Food: E-Newsletter*, 1(7):97-101.

- xii. **Singh, S.** and Bhatt, P. 2019. Role of Information and Communication Technologies (ICTs) in Agricultural Extension. *Agriculture & Food e- Newsletter*, 1(9):254-255.
- xiii. **Singh, S.** and Bhatt, P. 2020. Waste to Wealth Management- Need of the hour. *Agrobios Newsletter*. 18(9):156-158.
- xiv. Ansari M.A., **Singh, S.** and Jha, S. 2019. Deen Dayal Upadhyay Grameen Kaushal Vikas Yojana- For bringing youths at the forefront of development. *Indian Farmer's Digest*. 52(10). pp: 41-45.
- xv. Ansari M.A., Jha, S. and **Singh, S.** 2019. Rural Development – Pillar of Indian Economy. *Indian Farmer's Digest*. 52(7). pp: 39-42.
- xvi. Neha and **Singh, S.** 2019. Climate Change Adversely affecting Agricultural Yields and Farmer's Income. *Agrobios Newsletter*, XVII (10):30-31.
- xvii. Bhatt, P. and **Singh, S.** 2019. Human Environmental Interaction: An impact of changing era. *Agriculture & Food: E-Newsletter*, 1(8):296-297.
- xviii. Bhatt, P. and **Singh, S.** 2019. Emerging Issue of the present: Microbead Pollution. *Agrobios Newsletter*, XVIII (2):138-139.
- xix. Bhatt, P., **Singh, S.** and Singh, B. 2019. Plastic in Teabags: An Alarming Concern, *Agriculture & Food: E-Newsletter* ISSN: 2571-8317, 1(11):102-104.
- xx. Bhatt, P., Singh, B, and **Singh, S.** 2019. Awareness Regarding Dry Cleaning and its Potential Risks in Human and Environment. *Agrobios Newsletter*, XVIII (4):141-143.

Hindi articles:

- Tomar, P., Singh, S.P., Chaurasia, S.P. and **Singh, S.** (2018). Fasal Avsesh Prabandhan Apnae bhoomi ki upaj kshamta badhaye aevan paryavaran bachayien. *Krishak Bharti* Reg. Id: MPHIN/2006/16946, 13(9): 14.
- Singh, A., Singh, A., Kumar, R. and **Singh, S.** (2018).Gypsum- Kisaano ka Safed Sona, *Krishak Bharti* Reg. Id: MPHIN/2006/16946, 13(10):23.
- Singh, R.K., Dohare, R.K., Kumar, Singh, A.K., Meena, N.R. and **Singh, S.** (2020). Mirch me hone waale rog aevam unka prabandhan. *Krishak Bharti* ISSN: 2582-5976, Reg. Id: MPHIN/2006/16946, 15(7): 38.

PRESENTER IN CONFERENCE/SEMINAR/SYMPOSIUM/

Oral presentations:

- **Singh, S. 2023.** Agri-tourism Potential in Bhimbetka Region of Madhya Pradesh – SWOC Analysis and Promotional Strategies in ISEE National Seminar on “Evolving Extension Science towards Secondary Agriculture for Sustainable Development” June 22-24, 2023 at Bengaluru.
- Kaur, S., Singh, N. Raj, K. and **Singh, S.** 2020. Fresh Water pearl Cultivation A Prospective Venture towards Doubling Farmers’ Income, International e-Conference on Market Led Extension Management: Focus on COVID 19, NIAM, Jaipur during October 17-18, 2020.
- **Singh, S.,** Sharma, G. and Jha, S. 2019. Role of ICTs in scaling up Indigenous Technical Knowledge (ITK) presented in the Indian Society of Extension Education (ISEE) National Seminar on Socio-Digital Approaches for Transforming Indian Agriculture at Chaudhary Charan Singh Haryana Agricultural University, Hisar (Haryana) during November 20 - 22, 2019.
- **Singh, S.** and Sharma, G. 2019. Managing and Preserving Indigenous Technical Knowledge (ITK) of Tribal farmers for Sustainable Agricultural Development presented in the National Conference on Doubling Farmers Income for Sustainable Agriculture (DISHA-2019) organized at Birsa Agricultural University, Ranchi (Jharkhand), India during August 10 & 11, 2019.
- **Singh, S** and Sharma, G. 2018. Achieving Agricultural Sustainability through Revival of Indigenous Technical Knowledge presented in the International Conference on Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS-2018) organised by Astha Foundation, Meerut, U.P, India at Rajasthan Agricultural Research Institute (SKNAU, Jobner), Durgapura, Jaipur (Rajasthan), India during October 28-30, 2018.
- **Singh, S.,** Neha, Yadav, S. and Tomar, P. 2018. Facilitating Sustainable Agriculture by Strengthening Indigenous Technical Knowledge presented in the 2nd International Conference on Advances in Agricultural, Biological and Applied Sciences for Sustainable Future (ABAS-2018) organised by Agricultural Technology Development Society (ATDS) Ghaziabad, U.P at Sardar Patel Auditorium, Swami Vivekananda Subharti University, Meerut, Uttar Pradesh, India during October 20-22, 2018.

- Ratan Singh, R.P. and **Singh, S.** (2018). Strategies for Enhancing Farmers' Income in India presented in the International Conference on Food Security and Sustainable Agriculture at Asian Institute of Technology (AIT), Bangkok, Thailand, Jointly organised by Society for Agricultural Innovation and Development, Ranchi and Khon Ken university, Bangkok during December 23-26, 2018. **{Keynote lecture}**
- Ratan Singh, R.P. and **Singh, S.** (2020). Promoting Employment Opportunities for Rural Youth through Agripreneurship Development presented in the 5th Uttar Pradesh Agricultural Science Congress jointly organized by UPCAR, Lucknow and Department of Genetics and Plant Breeding at Institute of Agricultural Sciences during February 22-24, 2020.

Poster presentations:

- **Singh, S. and Sharma, G. 2019.** Indigenous Technical Knowledge- Strong Foundation for Sustainable Agriculture. International Symposium of Innopreneurship: A need of Sustainable Agriculture, CCS Haryana Agricultural University, Hisar, Feb 2-3, 2019.
- **Jha, S., Kashyap, S. and Singh, S. 2019.** “Climate Smart Agriculture: Way to Agriculture” was presented in ISEE National Seminar on “Socio-Digital Approaches for Transforming Indian Agriculture, 20th – 22nd November 2019 at CCS Haryana Agricultural University, Hisar, Haryana.

TRAININGS:

- Training cum Sensitization Workshop on Krishikosh Repository: For Strengthening Agricultural Knowledge in NARES on 18th December 2018.
- Industrial training on “Organic Farming” from Ortect Organics, Industrial Area Bela, Muzaffarpur, Bihar (Duration: 15/01/2015 to 14/03/2015).
- Industrial training on “Production, Processing and Utilisation of Natural Resins and Gums” from Indian Institute of National Resins And Gums, Namkum, Ranchi, Jharkhand (Duration: 11/06/2012 to 16/06/2012).
- Online webinars – **20 +**
- MANAGE online webinars - **20+**

WORKSHOPS ATTENDED:

- National Workshop on **E-content designing IGNOU**, organized by Department of Agricultural Communication, GBPUA&T, Pantnagar, Uttarakhand.(June 26-29, 2019)
- National Workshop on **Achievement Motivation Workshop (10th-12th October 2019)**, organized by Department of Agricultural Communication, GBPUA&T, Pantnagar, Uttarakhand.
- National Workshop on “**Organic Farming in Horticultural Crops**” organized by Department of Horticulture, SHIATS, Allahabad, U.P in collaboration with Lacon Quality Certification (P) Ltd, Thiruvalla, Kerala, India on 16th April 2013
- National Workshop on “**Fertilizer Recommendation In Rice-Wheat/Maize Cropping System**” organized by Department of Soil Science, SHIATS, Allahabad, U.P and Allahabad Chapter of Soil Science, New Delhi on 11th March 2013.
- National Workshop on “**Crop Management under problematic soils of North India**” organized by Society of Agronomy, Department of Agronomy, SHIATS in collaboration with KVK Kausambi, ICAR on 9th November 2012.

PARTICIPATION IN CONFERENCES/ SEMINARS/SYMPOSIUMS

- **National Seminar cum Workshop** on Sustainability of Small Farm Holders and Enhancing Income under Changing Climate organized by Department of Agrometeorology, GBPUA&T, Pantnagar & NABARD on 23rd March 2018
- **Special Guest Lecture** on “Coffee Cultivation in India” organized by Department of Horticulture, SHIATS, Allahabad, U.P on 24th November 2014.
- **National Seminar** on “New Trends In Eco-friendly Pest Management of Agricultural Crops” organized by Society of Plant Protection Sciences & Department of Plant Protection, SHIATS,Allahabad, U.P on 26th April 2013.
- **Subject Matter Quiz of Agronomy** organized by Society of Agronomy, Department of Agronomy, SHIATS,Allahabad,U.P on 22nd February 2013.
- **14th District Level Science Congress** on Biodiversity-Nurture Nature for our future Science for society, Jharkhand, NCSTC,DST, GOI during 13th & 14th October 2006.
- **13th District Level Science Congress** on Water Conservation Harvesting & Storage Science for society, Jharkhand, NCSTC,DST, GOI on 23rd October 2005.

AWARDS AND HONORS:

- **Best Technology User (ERP)**
- **Best Teacher of School of Agriculture Award on University Teacher's Day Celebration 2022.**
- **Best Student Under Graduate Program** (Late Rev. Gulzari Lal Memorial Award+ Cash prize of Rs 5000) by honourable governor of Uttar Pradesh, Sri Ram Naik on the occasion 10th Convocation of Sam Higginbottom Institute of Agriculture and Technology (SHIATS), Formerly Allahabad Agriculture Institute, Naini, Allahabad, Uttar Pradesh held on 17th March 2014.
- **Gold Medal awarded for B.Sc Agriculture (2011-2015)** by honourable governor of Uttar Pradesh Sri Ram Naik on the occasion of 11th Convocation of Sam Higginbottom Institute of Agriculture and Technology (SHIATS), Formerly Allahabad Agriculture Institute, Naini, Allahabad, Uttar Pradesh held on 26th September 2016.
- **Departmental Topper of Agricultural Extension and Book Prize on the occasion of 19th** Convocation of Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, U.P, India by honourable Vice- President of India Sri Venkiah Naidu held on December 4, 2017.
- **Qualified ICAR NET (I)** conducted by **ASRB in Agricultural Extension in 2018.**
- Awarded **Scholarship** for outstanding performance in **Sanskrit** by Rashtriya Sanskrit Sansthan, Janakpuri, New Delhi (2009).
- **Third Prize** for paper presentation for Theme 6, Fresh Water pearl Cultivation A Prospective Venture towards Doubling Farmers' Income, International e-Conference on Market Led Extension Management: Focus on COVID 19, NIAM, Jaipur during October 17-18, 2020.
- **Author of the year Award** for article no 21676 entitled Pradhan Mantri Mudra Yojana- an Entrepreneurship Development Initiative published in Volume: 01 Issue: 08 in Agriculture & Food e- Newsletter (ISSN: 25818317).
- **Innovative Article Award** for article no 21521 entitled Farmer Producers Organisation: An effective way for the upliftment of farmers at grassroot level published in Volume: 01 Issue: 07 in Agriculture & Food e- Newsletter (ISSN: 25818317).

- **Article of the year Award** for article no 21872 entitled “Role of Information and Communication Technologies (ICTs) in Agricultural Extension published in Volume: 01 Issue: 09 in Agriculture & Food e- Newsletter (ISSN: 25818317).
- **Innovative Article Award** for article no 21735 entitled Human Environmental Interaction: An impact of changing era published in Volume: 01 Issue: 08 in Agriculture & : Food e- Newsletter (ISSN: 25818317).

FELLOWSHIPS:

- Selected for Centrally administered Doctoral Fellowship (2018-2020) funded by Indian Council of Social Science Research, Ministry of Education, Aruna Asaf Ali Marg, New Delhi, 110067.
- 20th All India Entrance Examination ICAR (Non- JRF fellowship) for the year 2017.

REVIEWER:

- International Journal of Environment and Climate Change
- Asian Journal of Agricultural Extension, Economics & Sociology
- Current Journal of Applied Science and Technology
- Agriculture & Food e- Newsletter, ISSN: 2581831
- Just Agriculture: The Future of Agri Innovation e-Newsletter

Reviewed more than 15+ research articles of different Indian and International Journals till date.

MEMBERSHIPS

- Lifetime member of “Indian Society of Extension education, New Delhi, India (Since June 2023)
- Silver Elite Club Member of SAGE University to enhance leadership skills
- Lifetime member of “Society of Extension, Agra, Uttar Pradesh, India (Since 2017)
- Student member of “Society of Krishi Vigyan” Sonarpur, Kolkata, West Bengal (2018-present)

RESPONSIBILITIES PERFORMED:

- RAWE In charge

- ERP Coordinator of School of Agriculture
- ICT, Networking and Infrastructure Coordinator
- Digital Branding, Website update and Promotion Coordinator
- Newsletter Compliance Coordinator
- University Movie Club Convenor
- General Secretary of Society of Agricultural Communication, GBPUA&T, Pantnagar, Uttarakhand. (2018- present)
- U.G. Student Representative (House of Representatives : 2014-15)
- Head Girl of School– BIV – 1/C (2009)
- Deputy Head Girl BIV -1/C (2008)

Events Organised

- Organised Awareness Campaign on Parthenium Awareness Week 2023
- Delivered lecture as a resource person on the topic “Entrepreneurship Development Opportunities in Fisheries Sector” in two days VAC on To Build Startup Business through processing of Fish skin, Ike Jime and Aqua therapy.
- Delivered lecture as a resource person on the topic “Fisheries Extension” in SAGE Summer School 2023 entitled Aquaculture Production System.
- Delivered lecture as a resource person on the topic “Career Prospects of Agri Graduates” "Agripreneurship Opportunities for Agri Graduates"
- Coordinated One Five Days Value Added Course (VAC) on "Agripreneurship Opportunities for Agri Graduates"
- Moderated One Expert Lecture on Prospects of Mushroom Cultivation
- Called as External Examiner for Viva- voice examination of M.Sc Agriculture (Agronomy) students.
- Celebrated World Earth Day 2022 as Coordinator
- Organised Educational tour of B.Sc Agriculture Semester IV students to JNKVV, Jabalpur
- 3rd Agri Expo Visit of B.Sc Agriculture Students

SOFTWARE KNOWLEDGE: MS office, SPSS and R software

CAREER OPPORTUNITIES:

Looking forward to join an organization which will not only improve my teaching skills and motivate me to inspire students in the field of Extension and Communication but also to contribute something in rural development.

REFERENCES

1. **Dr. Deepak Kher** , Head , School of Agriculture, SAGE University, Bhopal.
Mobile No- 9419134565 email- hos_agri@[gmail.com](mailto:hos_agri@gmail.com)
2. **Dr Gyanendra Sharma** (PhD Advisor) Professor , Agricultural Communication, G.B.Pant University of Agriculture & Technology, Pantnagar, Distt. US Nagar, Uttarakhand.
Contact No: 9412120688 and Email id: shaunik57@gmail.com
3. **Dr. R.P.Singh Ratan, Former** Director, Extension Education, Birsa Agricultural University, Ranchi, Jharkhand.
Contact No: 9431594093 and Email id: rpsratan07@rediffmail.com