

RESUME

Dr. Astha Gupta (Assistant Professor)

Mobile: +91-9935055023

e-Mail to: g.astha5@gmail.com

OBJECTIVE

To get a challenging position in teaching where I can utilize my skills & knowledge to make the bright carrier, associate with a leading & premium institution as Assistant Professor that will provide me a good platform to utilize my teaching & administration skills and will help me to grow my career

Want to utilize the skills I have acquired during my tenure in study and work experience, in a productive and resourceful manner so as to achieve more for the development of the organization, team, myself and the society.

Aiming to establish myself in the field of education and to utilize my knowledge for the betterment for all.

ACHIVEMENT: S:

- ✓ Received Second Prize in Poster Presentation at NRC for Agro-forestry (2004)
- ✓ Received Young Scientist Award at Society of Biological Sciences and Rural Development (2016).
- ✓ Received Scientist of the Year Award at Society of Biological Sciences and Rural Development (2017).
- ✓ Received Appreciation Award at Society of Biologix Research and Innovation Centre (2018).
- ✓ Received Best Ph.D. Award at National Agriculture Development Co-operative Ltd (2019).

THESIS WORK:

- ✓ **Ph.D. degree**

Astha Gupta (2010). “Studies on propagation techniques of Bahera (*Terminalia bellerica*) Roxb” from Bundelkhand University, Jhansi.

- ✓ **M. Sc degree**

Astha Gupta (2004). Common VAM species in rhizosphere of some important MPTs.” Bundelkhand University, Jhansi.

SEMINARS/WORKSHOPS:

Sl. No.	Name Seminar/Symposia/Conference/Workshop	Organising Institute
1 .	National oil seeds and vegetable oil development board (Ministry of Agriculture), Training of Jatropha and Karanj farming	National Research Centre for Agro-forestry, Jhansi (U.P.)
2 .	Training on Project Formulation, Risk Assessment, Scientific Report Writing and Presentation	Division of Agricultural Engineering I.A.R.I. New Delhi
3 .	National Symposium on Agro-forestry for Livelihood Security, Environment Protection and Bio-fuel Production	National Research Centre for Agro-forestry, Jhansi (U.P.)
4 .	National Symposium on Agro-forestry Knowledge for Sustainability, Climate Moderation and Challenges Ahead	National Research Centre for Agro-forestry, Jhansi (U.P.)
5 .	National Symposium Integrated Farming System for Sustainable Agriculture	Bundelkhand University-Jhansi (U.P.)
6 .	Training on Integrated Farming System for enhancing resource-use efficiency and livelihood security of small and marginal farmers	Division of Agronomy I.A.R.I. New Delhi
7 .	Faculty Development Programme	Bundelkhand University-Jhansi
8 .	The 2 nd International conference on Bio-resource and Stress Management	PITSAU Rajendranagar-Hyderabad.
9	CAFT Training on “Innovative, Eco-and farmers Friendly Crop Protection Measures”	Department of Plant Pathology GBPUAT-Pantnagar
10	National Symposium on Innovative and modern technologies for sustainable agriculture and rural development	Society of Biological Sciences and Rural Development , Allahabad
11 .	National Symposium on Natural Resource Management for Sustainable Agriculture and Rural Development	Society of Biological Sciences and Rural Development , Allahabad

12.	International Conference on Current Scenario and Prospects of Nanotechnology and Bio-Statics	U.P. Rajarshi Tandon Open University, Allahabad
13.	National Seminar on Gender Discrimination and Dimension of Socio-economic Participation of Rural Women in Agrarian Sector of India.	U.P. Rajarshi Tandon Open University, Allahabad
14.	National Seminar on Nutritional Security and Environmental Protection : Present scenario and Future prospects. .	Society of Biological Sciences and Rural Development , Allahabad
15.	National Workshop on Recent Technolgies for Food Security and Rural Development	Society of Biological Sciences and Rural Development , Allahabad
16.	International Conference on Agriculture, Allied and Applied Sciences.	Biologix Research and Innovation Centre Delhi.
17.	National Training Course Livelihood Security through Agriculture, Livestock Husbandry and allied Enterprises.	National Agriculture Development Co-operative Ltd.
18.	International Conference on Innovations in Plant and Animal Sciences for Sustainable Agriculture and Rural Development.	Shri Karan Narendra Agriculture University, Jobner, Jaipur, Rajsthan.
19.	International Webinar on Recent Advances in Disease Management of Vegetable Crops.	Bundelkhand University, Jhansi.
20.	International Conference on Renewable Agriculture and Sustainable Environment.	Society of Biological Sciences and Rural Development, Prayagraj.

THESIS RESERCH GUIDE:

✓ Thesis guided of four M.Sc. (Ag) Agro-forestry students

TECHNICAL SKILLS:

- ✓ All fundamental, OS 98, XP, vista 7, and MS office with internet use
- ✓ Six weeks diploma in computer

PUBLICATIONS:

Research paper :

International Journal

- ✓ **Gupta. A.** (2012). Studies on seed germination and seedling growth of Subabool varieties in Bundelkhand region. Flora and fauna, Vol.17, No.1: 82-84. (Special Issue- Proceeding of National Symposium on IFSSA-2011)
- ✓ **Gupta.A.,** Tewari, R.K., Meena, S.L. (2017) Effect of soil media and depth of seed sowing on seed germination and seedling growth of Bahera (*Terminalia bellerica*) Roxb. Flora and fauna Agroforestry, Vol.23, No.1: 53-62.
- ✓ **Gupta.A.** and Singh. T. (2018) A Study on different pruning regime of crop root length density under green gram wheat crop sequence and *Albizia procera* based Agroforestry system. International Journal of Current Biology and Applied Science. Special Issue-7: 3138-3144.

National journal

- ✓ Tewari. R.K. and **Gupta. A.** (2008). Studies on seed germination and seedling growth of Bhimal (*Grewia optiva*) Drummond in Central India. Indian Journal of Agroforestry, Vol.10, No.1:102-104. (4.50)
- ✓ **Gupta. A,** and Tewari, R.K. (2009) Effect of containers and storage duration on seed germination and seedling growth of Bahera (*Terminalia bellerica*) Roxb. Indian Journal of Agroforestry, Vol.11, No.2: 101-105.
- ✓ **Gupta. A.** and Tewari, R.K. (2012) Effect of presowing seed treatments for seed germination and seedling growth of Bahera (*Terminalia bellerica*) Roxb. Range Management and Agroforestry, Vol.33, No.1: 99-101.
- ✓ **Gupta.A., et al.,** (2013) Biological management of web blight disease causing, *Thanatephorus cucumeris* (Fr.) Donk(= *Rhizoctonia solani* Kühn) on urdbean through application of biopesticides of antagonistic biocontrol agents, *Glomus fasciculatum*, neem oil seed cake and fungicide under microplot conditions in Bundelkhand region. Journal of Natural Resource and Development, Vol.7, No.1&2, Feb & Aug 2012 : 1-13.
- ✓ **Gupta.A.** and Tewari, R.K. (2017) Effect of vegetative propagation techniques through budding and grafting in Bahera (*Terminalia bellerica*) Roxb. Journal of Natural Resource and Development, Vol.12, No. 1: 19-23.
- ✓ **Gupta.A.** (2018) Studies on common VAM species in rhizosphere of some important multipurpose tree species. Proceeding of National Conference on Ecological Imbalance: A Threat to Flora Fauna, Economy and Human Survival Special Issue : 294-300.

Book chapter

- ✓ **Gupta, A.** (2016). Scope of Bahera farming in Bundelkhand : *Terminalia bellerica* (Roxb) : A biological medicinal ayurvedic plant. Technological Innovation in Agriculture and Rural Development. Pp : 198-99.

- ✓ **Gupta, A.** Singh.T. (2018). Studies on common VAM species in rhizosphere of some important agroforestry tree species. *New Approaches in Agricultural, Environmental and Nutritional Technology* (Vol.2). Pp : 57-59.
- ✓ **Gupta, A.** (2019). Introduction, Concept, Object and System of Agroforestry. *Souvenir and Conference Book. International Conference on IPASSARD-2019*, Pp : 59-61. (**Lead Paper/Invited Paper**)

News letter

- ✓ Hashmi. S., Kumar. A., **Gupta. A.** and Tewari. R.K. (2004). Identification of common Vesicular mycorrhizae (VAM) in rhizosphere of Aonla (*Emblica officinalis Gaertn.*) National Research Centre for Agroforestry, Newsletter. Jan-March, Vol.16, No.1.
- ✓ **Gupta. A.** and Yadav. V.P. (2022). Bahuuddeshishya Vrakshon va Jhadiyon ka Krishivaniki Padyati me Upyogita va Mahatva. Newsletter. 10.Feb.2022 : 6.

Popular articles

- ✓ **Gupta. A.,**Yadav. V.P. (2007). Bundelkhand kshetra mein samanytaya payee jane vali vanaspatiyon ka aushdhiya upyog. *Vishva Krishi Sanchar. Varsh-12, No. 02: 57-59.*
- ✓ **Gupta.A.,** Hashmi.S. and Padey.R. (2013). Angoor ki kheti avam uska mahatv Gramin Vikas Sandesh. *Sanyuktank Varsh 7(1,2) Feb12-Jan2013: 55-62.*
- ✓ **Gupta. A.,** Tewari. R.K. (2013). Subabool ki vibhinn kismon ka 75% chhaya vale Net house me jamav evam badhvar ka adhyan. *Gramin Vikas Sandesh. Sanyuktank Varsh-8, Ank-1,2, Feb-2013-Jan 2014 : 61-63.*
- ✓ **Gupta. A.** (2018). Krishivaniki : Ek vardaan. *Gramin Vikas Sandesh. Sanyuktank 1,2, Jan-2018-Dec-2018 : 97-99.*
- ✓ **Gupta. A.** (2018). Ksheen bhumi sudhar me ghason ki bhumika. *Gramin Vikas Sandesh. Sanyuktank 1,2, Jan-2018-Dec-2018 : 113-114.*
- ✓ **Gupta. A.** (2021). Prakrati ka vardaan : Aushdhiya podhon se pratiraksha me sudhar. *Krishi Pahal. Varsh-4, Ank-4 : 20-25.*

Abstracts (National Conference)

- ✓ **Gupta. A.** and Tewari, R.K. (2006). Top working in wild Karonda (*Carissa spinarum*) for quality fruits. National symposium on National Symposium on Agro-forestry for Livelihood Security, Environment Protection and Bio-fuel Production. Dec 16-18, 2006, National Research Centre for Agroforestry, Jhansi.pp124.
- ✓ **Gupta. A.** and Tewari. R.K. (2007). Studies on nursery technique of Bahera (*Terminalia bellerica Roxb*). National seminar on Forest and forestry techniques March 23-24, 2007, Guru Ghasidas University, Bilaspur.pp16.
- ✓ **Gupta. A.** and Tewari, R.K. (2008). Diversity of Bahera fruits in Bundelkhand region. National symposium on Agroforestry knowledge for sustainability climate moderation and challenges ahead. Dec 15-17, 2008, National Research Centre for Agroforestry, Jhansi.pp55.
- ✓ **Gupta. A.** and Tewari, R.K. (2009). Improvement of Bahera (*Terminalia bellerica*) for cultivation under Agroforestry system in semi-arid region. Conference on Food and environmental security through resource conservation in central India: Challenges and oppurtunities. 16-18 Sep, 2009, Central Soil and Water Conservation Research and Training Institute, Agra.pp124.
- ✓ **Gupta. A.** and Tewari, R.K. (2010). Studies on vegetative propagation of Bahera (*Terminalia bellerica*) Roxb. National conference on Role of Bio- diversity in sustainable agriculture. March 4-5, 2010, Department of Botany, Bundelkhand University, Jhansi.pp137.

- ✓ **Gupta. A.** (2010). Rain water management on watershed basis in Bundelkhand region. National symposium on Geology and mineral resources of Bundelkhand region.8-10 Oct, 2010, Department of Geology, Institute of Earth Sciences, Bundelkhand University, Jhansi. pp96.
- ✓ **Gupta. A.** (2011). Resource conservation for Socio-economic development in Bundelkhand Region. National symposium on Agroforestry for environmental services livelihood security and climate resilient agriculture- Challenges and opportunities. 3-5 Dec, 2011, National Research Centre for Agroforestry, Jhansi.pp82.
- ✓ **Gupta.A.** (2012). Response of sowing depth on seed germination and seedling growth of Harad (*Terminalia chebula*). National Symposium on Sustainable production of forages from arable and non-arable land and its utilization. 2-3 Nov, 2012, Indian Grassland and fodder Research Institute, Jhansi. pp9.
- ✓ **Gupta.A., Hashmi.S.** (2013). Benefits of arbuscular mycorrhizal fungi (AMF) in Bundelkhand region. National Seminar on BIODIVERSITY Ecological Security and Sustainable Utilization of Natural Resources, Mar 8-10,2013. Bipin Bihari College, Jhansi. pp23.
- ✓ **Gupta.A., Pandey.R.K. and Kumar.P.** (2013). Development of bio-pesticide and their evaluation along with botanicals against shoot and fruit borer (*Leucinodes orbonalis* G.) on brinjal (*Solanum melongena* L.). National Symposium on Innovative and Modern Technologies for Sustainable Agriculture and Rural Development, Oct19-20,2013, Society of Biological Sciences and Rural Development, Allahabad, pp102.
- ✓ **Gupta.A., Pandey.R.K. and Kumar.P.** (2013). Development of IPM packages to harvest the quality yield. National Symposium on Innovative and Modern Technologies for Sustainable Agriculture & Rural Development. Oct 19-20, 2013. Society of Biological Sciences and Rural Development, Allahabad, pp 104.
- ✓ **Gupta.A., Hashmi.S. and Pandey.R.K.** (2013). Studies on common VAM species in rhizosphere of some important multipurpose tree species. National Symposium on Innovative and Modern Technologies for Sustainable Agriculture & Rural Development. Oct 19-20, 2013. Society of Biological Sciences and Rural Development, Allahabad, pp 106.

Oral presentation (National Conference)

- ✓ **Gupta.A.,** (2016). Agroforestry : land use system. National Symposium on Natural Resource Management for sustainable Agriculture and rural development. Nov 05-06, 2016. Society of Biological Sciences and Rural Development, Allahabad, pp 14.
- ✓ **Gupta.A.,** (2017). Multidimensional role of women. National Symposium on Gender Discrimination and Dimensions of Socio-economic Participation of Rural Women in Agrarian Sector of India. Feb 27-28, 2017. Uttar Pradesh Rajarshi Tandon Open University, Allahabad, pp 14.

Poster presentation

- ✓ **Gupta.A.,** (2017). Effect of containers and storage duration on seed germination and seedling growth of Bahera (*Terminalia bellerica* Roxb) National Seminar on Nutritional Security and Environmental Protection : Present scenario and Future prospects. 10-11 November, 2017. Society of Biological Sciences and Rural Development, Allahabad,

Oral presentation (International Conference)

- ✓ **Gupta.A. and Meena.S.L.** (2015). Studies on vegetative propagation techniques through budding and grafting of Bahera (*Terminalia bellerica*) under agroforestry system in semiarid region. The 2nd International Conference on Bio-resource and Stress Management, Jan 7-10, 2015 at PJTSAU, Rajendranagar, Hyderabad, India.

- ✓ **Gupta.A.** and Meena.S.L. (2015). Productivity of fodder as influence by soil moisture conservation techniques and cropping systems under semi-arid environments. The 2nd International Conference on Bio-resource and Stress Management, Jan 7-10, 2015 at PJTSAU, Rajendranagar, Hyderabad, India.
- ✓ **Gupta.A. et al.**, (2016). Study of size of viruses which caused diseases in plant possible through nanotechnology. International Conference on Biological Sciences Current Prospects and Scenario of Nanotechnology and Bio-statistics. 25-26 Feb. 2016 at Uttar Pradesh Rajarshi Tandon Open University, Allahabad, India. Pp 65.
- ✓ **Gupta.A.** (2018). Tree – Crop Interactions in Agroforestry Systems. International Conference on Agriculture, Allied and Applied Sciences. 28-29 April 2018 at Delhi, India.

Abstracts (International Conference)

- ✓ **Gupta. A.** Meena.S.L. (2015). Studies on soil media and depth of seed sowing on seed germination and seedling growth of Bahera (*Terminalia bellerica*). International Conference on Natural Resource Management for Food Security and Rural Livelihoods- 10-13 Feb 2015, New Delhi, India.
- ✓ **Gupta. A.** Meena. S.L. (2016). Study on vegetative propagation techniques through budding and grafting of Bahera (*Terminala bellerica*). Global Ravine Conference on Managing Ravines for Food and Livelihood Security (GRC 2016) - March 7-10, 2016 at Rajmata Vijayraje Scindia Krishi Vishwa vidyalaya, Gwalior, Madhya Pradesh, India. Pp 133.
- ✓ **Gupta.A.** (2017). Forestry in socio-economic development. International Conference on Current Prospects and Scenario of Nanotechnology and Bio-statistics. 09-10 Mar. 2017 at Uttar Pradesh Rajarshi Tandon Open University, Allahabad, India. Pp 109.
- ✓ **Gupta.A.** (2020). Integrated pest and disease management through Agroforestry in Arid and Semi-arid environments. International Webinar on Recent Advances in Disease Management of Vegetable Crops. 26-27 June. 2020 at Bundelkhand University, Jhansi. Pp 95.

Extended Summary (International Conference)

- ✓ **Gupta. A.** Meena.S.L. (2016). Standardization on vegetative propagation techniques through budding and grafting of Bahera (*Terminala bellerica*). Agronomy for sustainable management of natural resources, environment, energy and livelihood security to achieve zero hunger challenge (IAC 2016) – November 22-26,2016 at New Delhi. Pp 1220
- ✓ **Gupta. A.** Singh. T. (2017). Genetic variability in Bahera fruits in Bundelkhand region. 4th International Symposium on Minor Fruits, Medicinal & Aromatic Plants (ISMF M&AP) December 05-06,2017 at Passighat (Arunachal Pradesh). Pp 120.

Extended Summary (National Conference)

Gupta. A. (2016). Standardization of common VAM species in rhizosphere of some important multipurpose tree species. Agroforestry for environmental challenges, sustainable land use, biodiversity conservation and rural livelihood options (AFsymp2016) at ICAR-Central Agroforestry Research Institute, Jhansi during December 3-5, 2016. Pp 152.

PROFESSIONAL EXPERIENCE: S:

Organization : Baseline characterization of wasteland under supervision of ICRISAT, Hyderabad, Development Alternatives, Taragram, Orchha and NRCAF-Jhansi

Duration : 4 months

Key Responsibilities : Surveywork and fill up proforma

Organization : Bundelkhand University-Jhansi

Duration : November 2009 to till now

Designation : Assistant Professor

Key Responsibilities : Teaching and research

DECLARATION:

I hereby declare that the above written Particulars are to the best of my knowledge and belief.

PLACE: Jhansi

DATE: 12.05.2023

(Astha Gupta)