

## Shamim Ahmed Azad

Designation: Associate Professor  
Subject: Botany  
Area of Specialization: Cytogenetics & Plant Breeding  
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### Summary

- Ph.D degree in Botany
- Currently working at Govt. P.G. College Rajouri

### Workshops, Seminar, Symposia and Conferences attended

- 12<sup>th</sup> JK Science congress on the theme “Science and Technology: Emerging trends and Innovations” held at university of jammu from March 2-4, 2017 and presented paper entitled “survey of Medicinal plants used to cure anemia by tribals inhabiting the foot hills of PirPanjal region.
- Two days National conference on “Interdisciplinary Sciences and humanities held at Govt. P.G. College Rajouri from 15 – 16<sup>th</sup> of March 2017 and presented paper on “ conservation of critically threatened Ethno- medicinal plant species of District Rajouri.
- One day state level interdisciplinary Science conference on “ Innovative Research in science and technology for sustainable development held at GDC Poonch on 20<sup>th</sup> of March 2017 and presented paper on ethnobotany of District Rajouri.
- 2<sup>nd</sup> one day science conference on Innovative trends in Biodiversity conservation (Pirpanjal region), organized by department of Bio sciences held at Govt. Degree College Mendhar on 8<sup>th</sup> of March, 2017 and presented paper on “therapeutic values of some important medicinal plants of district Rajouri.
- One day workshop on IQAC/API held at Govt. P.G. College Rajouri, conducted by IQAC committee on 7<sup>th</sup> of January, 2017.
- One day state level urdu seminar attended, organized by Govt. P.G. College Rajouri and Dabistan-e-Hamala-Himalayan Education Mission Rajouri held on **17<sup>th</sup> of March 2016** on Maulana Abul Kalam Azad and presented paper on “Maulana Abul Kalam Azad and freedom struggle.
- One day awareness workshop on “Intellectual Property Rights (IPR), Organised by Govt. College for Women, Gandhi Nagar, Jammu in collaboration with J & K state science technology & innovation council on **18<sup>th</sup> Nov. 2015**.
- Two days UGC sponsored National Seminar on the “ Recent Trends in Organic Waste Management” held at P.G. Department of Botany N.S.S College Pandalam from **14-10-2015 to 15-10-2015**.
- One day UGC sponsored National Seminar on “conservation of Natural Resources and Environment” organized by Biology Department B.K.M. Science College, Valsad Gujarat on **13<sup>th</sup> of Sept. 2015**.

- 10<sup>th</sup> JK science congress on “science and technology for inclusive development: A way forward” held at university of Jammu from **14<sup>th</sup> to 16<sup>th</sup> March 2015**.
- Two days “ National symposium on interdisciplinary sciences” held on Feb. **27-28,2015**organised by GGM science college, Jammu.(J&K).
- 14 days workshop on Research Methodology held from **3<sup>rd</sup> to 16<sup>th</sup> July 2013** at Govt. P.G College Rajouri, Sponsored by ICSSR, New Delhi.
- Three days UGC sponsored international conference on Global “warming”. The biggest challenge of 21century held at Govt. Degree college Boys Udhampur, J&K from Feb. **24-26 2012**.
- Two days UGC sponsored national Seminar on Gandhi & world peace held at Gandhiancentre for peace and conflict studies, University of Jammu from **27-28 Feb. 2012**.
- Two days UGC sponsored national symposium on inter disciplinary sciences held at Govt. Gandhi memorial science college Jammu from **2<sup>nd</sup> to 3<sup>rd</sup> March 2012**.
- Two days National Conference, ISMPP North Zone Meet and National Symposium on “Microbial Diversity and Bio-Prospecting” **29-30 Oct. 2010, University of Jammu, Jammu**.
- U.G.C. Sponsored Refresher course in Environmental science, **ASC Jammu, University of Jammu ,21th Dec. to 12<sup>th</sup> of Jan.2010** with (A) Grade.
- Two days national Seminar on Bio- Geography and Regional Planning **12-13 Nov. 2009 at Govt. P.G. College Rajouri**.
- U.G.C. Sponsored refresher course in Botany **ASC, University of Jammu**, 18<sup>th</sup> Dec. to 6<sup>th</sup> of Jan. 2007 with (A) Grade.
- U.G.C General Orientation course, **ASC Kashmir University**, 9<sup>th</sup> June to 5<sup>th</sup> July 2003, with (A) Grade.
- Three days national Conference on plant Biotechnology, December 23-25, 1997 at Department of Botany, **Barielly college, Barielly**.

## Research Publications

### ❖ Research Papers:

- **Shah, Anwar, Shamim Ahmed Azad, GhulamAbass (2015)**. Ethnobotanical analysis on the campus of Govt. Degree College Rajouri (J & K). India International Journal of Sci. and Research Publication, vol. 5 (6): 2015
- **Azad, ShamimAhmed(2014)**.Frequency of cotyledonary and leaf abnormalities in M<sub>1</sub>generation of mungbean. Indian journal of life sciences 4(1):47-50,2014.
- **Azad,Shamim Ahmed and G.Abbas (2014)**. Effect of mutagens on seedling height of mungbean varieties in M<sub>1</sub>generation.Bioscience guardian,4(2),2014,pp.213-217.

- **Bhat, A.R., Shamim Ahmed Azad and Umar Farooq(2014).**Community analysis of plant parasitic nematodes associated with ornamental plants in Rajouridistt. (J&K), INDIA.Internationaljournal curr, Microbiology&App.sci.(2014) 3(1):194-197.
- **Azad, Shamim Ahmed and Aasia R Bhat (2013)** Ethnomedicinal plants recorded from Rajouri Poonch District of J&K State. Indian journal of life sciences 2(2): 77-79, 2013.
- **Azad Shamim Ahmed (2013).** Plants used against Gynaecological diseases by the Gujjar, Bakerwal and Pahari tribes of District Rajouri J&K. Indian Journal Scientific research. 4(1), 135-136 2013.
- **Bhat, A.R. and Shamim Ahmed Azad (2013)**'studies on the Pathogenicity of *Helicotylenchus dihystra* on *Celosia cristata*. Indian J. of scientific research 4(1); 153-154 2013.
- **Azad, Shamim Ahmed (2013).**Effect of Mutagens on pollen fertility in M<sub>2</sub> Generation of Mungbean (*Vignaradiata* (L) wilczek. Indian Journal of Life sciences 3(1):67-69, 2013.
- **Azad, Shamim Ahmed (2012).** Increased Genetic variability for total plant yield in M<sub>3</sub> Generation of Mungbean. Indian J.Sci. research 3 (i). 145-148, 2012.
- **Azad, Shamim Ahmed (2012).** Effects of Mutagens on pollen fertility in mungbeans (*vignaradiata*) (L.) wilezek. Indian J. Life Sciences 1 (2). 71-73, 2012.
- **Azad, Shamim Ahmed (2012).** Effects of mutagens on seed germination and plant survival in *vignaradiata* (L.) wilezek. Bioscience Guardian 2 (I), 2012, PP . 159-162.
- **Azad, Shamim Ahmed and Anwer Shah (2012).** Some Ethno-medicinal plant of District Rajouri (Jammu Province) Indian J. Life sciences 1 (2): 47-49, 2012.
- **Azad, Shamim Ahmed (2011)** Mutagen Induced Meiotic Chromosomal abnormalities in variety Asha of Mungbean Indian J.Sci. Res. 2 (4).29-31,2011.
- **Azad, Shamim Ahmed (2011).** Global Warming and its impact. Bioscience Guardian vol. 1(2): 511-514 ,2011.
- **Azad, Shamim Ahmed (2011).** Genetic Parameters for yield and yield components in mungbean variety K- 851. Bioscience Guardian vol. 1(2):489-492, Dec. 2011.
- **Azad, Shamim Ahmed (2011).** Mutagen Induced chlorophyll Mutations in *vignaradiata*(L.) Wilezek. Journal of Advances in Plant sciences vol. 24 (II),665-666 Dec. 2011..
- **Azad, Shamim Ahmed (2010).** Variation in the total seed protein content of high yielding mutants isolated in M<sub>3</sub> generation of Mungbean. Bioscience Guardian' Vol. 01 (No. 1) Dec. 2010, pp.47-49.
- **Azad, Shamim Ahmed (2010).** Estimates of Genetic parameters for yield and yield components in Mungbean variety Asha. Indian J. Scientific Res. 1(2). 37-39 Dec. 2010
- **Shah, Nazak Hussain, Mahmud, S., Azad Shamim Ahmed (2009).** Plants used against

Rheumatism by the Gujjar, Bakerwal and Pahari Tribes of District Poonch (J&K). Journal of Ad. Plant Sci. 22(11) 587-588.

- **Azad, Shamim Ahmed, Siddiqui , B.A . and Khan, Saimullah (2002).** Genotoxic effect of smoke as a pollutant on *Cestrum diuimum* Linn. Journal of Ad. Plant Sci. 15 (11) 573-577.
- **Siddiqui, BA. and Azad, Shamim Ahmed (1998).** Role of Plants in controlling Air and Noise Pollution. Ecol. Env. And Cons. 4(4). PP (281-284).
- **Khan, Saimullah, Siddiqui, B.A., Rehman, S. and Azad, Shamim Ahmed (1998).** Response of Green gram *vignaradiata* (L) Wilezek to Maleic Hydrazide. Journal of Indian Bot. Soc. Vol. 77. PP. 95-98.
- **Siddiqui, B.A. and Azad, Shamim Ahmed (1998).** Induced variability by chemical mutagenesis in *capsicum annauum* L. var. California wonder (CW). Journal of Ad. Plant Sci. 11(1). PP. 51-56.
- **Khan, Saimullah, Rehman, S. Siddiqui, B.A. and Azad, Shamim Ahmed (1998).** Mutagen induced biological damage and chlorophyll mutations in *vignaradiata* (L.) Wilczek. Journal of Indian Bot. Soc. Vol. 77.11.143-145.

#### **Abstract Published:**

- **Azad,Shamim Ahmed (2017).** Survey of medicinal plants used to cure anemia by triblsinhabitating the foot hills of pirPanjal region. 12<sup>th</sup>Jk Science congress held at University of Jammu, March 2 – 4, 2017.
- **Azad,Shamim Ahmed (2017).** Therapeutic values of some important medicinal plants of district Rajouri. Souvenir 2<sup>nd</sup> one day Nat. Conf. on Innovative trends in Bio diversity conservation, March 8<sup>th</sup> 2017, held at GDC Mendhar.
- **Azad,Shamim Ahmed (2017).** Mutagenesis: A tool in crop plants for creating Genetic variability. Souvenir 2<sup>nd</sup> one day Nat. Conf. on Innovative trends in Bio diversity conservation, March 8<sup>th</sup> 2017, held at GDC Mendhar.
- **Azad, Shamim Ahmed (2017).**Conervation of critically threatened ethnomedicinal plant species of District Rajouri. 2 day Nat. Conf. on Interdisciplinary sciences and humanities, held at Govt. P.G. College Rajouri on March 15-16,2017.
- **Pandoh, A. and Shamim A. Azad (2017).**Survey of important Indigenous medicinal plants of District Jammu. 2 day Nat. Conf. on Interdisciplinary sciences and humanities, held at Govt. P.G. College Rajouri on March 15-16,2017.
- **Shah, A. and Shamim A. Azad (2017).** Plants used as ethnomedicine by Gujjar- Bakerwal tribes of Rajouri District. 2 day Nat. Conf. on Interdisciplinary sciences and humanities, held at Govt. P.G. College Rajouri on March 15-16,2017.

- **Azad, Shamim Ahmed (2017).** Ethnobotanical study of traditional medicinal plants used by the inhabitants of District Rajouri. One day state level science conf. held at G.D.C. Thannamandi (Rajouri) feb. 04, 2017.
- **Pandoh, A. and Shamim Ahmed Azad (2015).** A survey of Ethnomedicinal plants of Rajouri district. 10<sup>th</sup> JK science congress, march 14-16, 2015, held at university of Jammu and J&K state council for science and Technology.
- **Azad, Shamim Ahmed and IrmBhat(2015).** Ethnobotanical documentation of some plants of district Rajouri. UGC sponsored national seminar on innovative trends in plant and microbial sciences, held at university of Jammu 2-3 march, 2015.
- **Azad, Shamim Ahmed and A. Pandoh (2015).** Plants used against bone fracture and rheumatism by the different tribes of Distt. Rajouri J&K. UGC –sponsored 2<sup>nd</sup> National symposium on interdisciplinary sciences 27-28 feb, 2015 held at GGM Science College Jammu.
- **Azad, Shamim Ahmed, Anwer Shah, GhulamAbass and Aasia Rashid Bhat (2012).** Global warming and its impact on Biodiversity. UGC sponsored international conf. on Global warming “the biggest challenge of 21<sup>st</sup> century”. Feb. 24-26-2012, held at Govt. Degree College (Boys) Udhamour (J&K) India.
- **Naseem Ahmed, Shamim Ahmed Azad and AnuradhaPandoh (2012).** Global warming and its effect on climate change in India. Feb. 24-26 2012 held at Govt. Degree college (Boys) Udhampur (J&K) India.
- **Azad, Shamim Ahmed (2010).** An Aero mycological survey of Hospital Garbages in District Rajouri. ISMPP North Zone Meet and National Symposium on “Microbial and Bio-prospecting” 29-30 Oct. 2010, University of Jammu.
- **Bhat, Aasia Rashid, Dr. SaimaBhat and Dr. Shamim Azad (2010).** Studies on the Association of plant parasitic Nematodes with ornamental plants. ISMPP north zone meet and national symposium on “Microbial Diversity and Bio prospecting” 29-30 Oct. 2010, University of Jammu, Jammu
- **Azad Shamim Ahmed and Aasia R. Bhat (2010).** Conservation of Ethnomedicinal Plant diversity of RajouriPoonch District (J&K). XIX APSI Scientist meet 2010. Toward Nutrition and Nutraceutical potential 30<sup>th</sup> Sept and 1<sup>st</sup> Oct. 2010 Hyderabad.
- **Azad Shamim Ahmed and Aasia R. Bhat (2010).** A survey of Medicinal Plants from valley DarhalMalkian District Rajouri (J&K) XIX APSI Scientist meet 2010. Toward Nutrition and Nutraceutical potential 30<sup>th</sup> Sept and 1<sup>st</sup> Oct. 2010 Hyderabad.
- **Azad, Shamim Ahmed (2009).** Induced variations for yield and its components in *vignaradiata* (L.)Wilczek. 18<sup>th</sup> APSI scientists meet- 2009 and National Conference on “Plant

Sciences. Diversity, Products and Environmental Planning". October 11-12 Ranchi (Jharkhand)- 834001.

- **Azad, Shamim Ahmed** (2009). Mutagenic effectiveness and efficiency of Hydrazine hydrate, Sodium azide and Ethyl methane Sulphanate in Mungbean. 18<sup>th</sup> APSI scientists meet-2009 and National Conference on 'Plant Sciences. Diversity, Products and Environmental Planning'. October 11-12 Ranchi (Jharkhand)- 834001.
- **Shah, NazakHussain, Mehmud, S. and Azad, Shamim Ahmed** (2008). Plants used against Rheumatism by the Gujjar, Bakerwal and Pahari tribes of District Poonch (J&K). 3<sup>rd</sup> J&K State Sciences Congress, Feb. 26-28. University of Jammu.
- **Azad, Shamim Ahmed** (2001). Variations in the total seed protein content of high yielding mutants in *vignaradiata* (L.) Wilczek. Proc. 8<sup>th</sup> APSI National, Conference Plant Sciences in New Millennium Feb. 24-25, D.A.V. College Muzaffar Nagar (U.P).India.
- **Siddiqui, B.A. and Azad, Shamim Ahmed** (1995). Role of plants in Controlling Air and Noise Pollution,. Souvenir Nat. Conf. Hafzan-eSchatwaTibbeSamaji, 14-15 March A.M.U. Aligarh.
- **Azad, ShamimAhmed , Khan, Saimullah and Siddiqui, B.A.** (1995). Mutational Studies in the improvement of mungbean *vignaradiata* (L.) Wilczek. Proc. Nat. Conf. Plant Research and Dev. March 01-2 D.A.V. College Muzaffar Nagar (U.P.) India.

### Book Publications

❖ : *Diversity of Microbes & Cryptogames (B.Sc-II Semester)*

ISBN: 9788192885025

### Academic Qualification

Examination passed	Board/University	Subject	Year	Division/ Grade/Merit
SSC	JK Bose	Eng., Math, Science, Social Science, Urdu	1987	2 <sup>nd</sup>
Higher Secondary	JK Bose	Biology, Physics, Chemistry (PCB)	1989	2 <sup>nd</sup>
Bachelor's Degree(s)	University of Jammu	Botany, Zoology, Chemistry	1992	1 <sup>st</sup>
Master's Degree (s) (M.A/M.Sc.)	AMU Aligarh	Botany	1994	1 <sup>st</sup>
NET/SLET				

Other Diploma/ Certificate etc.				

### Research Experience

Research Stage	Title of Work/Thesis	University where the work was carried out	Year
M.Phil or equivalent			
Ph.D.	Studies on induced Mutations in Mungbean	Aligarh Muslim University ,Aligarh	1998
D.Sc/D.Litt.			
Training (Please specify)			

### Teaching Experience

Courses Taught	Name of the University/ College/ Institution	Duration
iv) U.G (B.A./B.Sc. etc. Hons.)	College	16 <sup>th</sup> years
v) P.G (M.A./M.Sc.,etc.)		
vii) any other (e.g Women Study, Skill Development, Add on courses, Coaching (JUET,CET)etc)		