

Curriculum Vitae

SHEIKH TAJAMUL ISLAM

Assistant Professor Bioresources

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Personal Information

Name : Sheikh Tajamul Islam
S/O : Sheikh Mohd Ashraf
R/O : Buddan, Rafiabad, Baramulla, J& K, 193301
Date of Birth : 09 January 1984

Specialization

Plant Physiology

Research Interest

Ephemeral flower senescence and postharvest physiology of ornamentals.

Research Experience

M. Phil. plant physiology and biochemistry, Department of Botany, University of Kashmir, Srinagar.

Fellowship Obtained

CSIR- Junior Research Fellowship

Academic Details

M. Phil : (2011) With grade "A" from University of Kashmir, Srinagar.
M.Sc : (2007) With Ist division from University of Kashmir, Srinagar.
B.Ed : (2008) With Ist division from University of Kashmir, Srinagar.
B.Sc : (2005) With Ist division from University of Kashmir, Srinagar.
12th : (2001) With Distinction from J & K BOSE.

Achievements

Qualified CSIR-UGC NET (LS), 18 December 2006.

Qualified CSIR-UGC NET (JRF), 24 June 2007.

List of publications

- I. **Islam, S.T.**, Tahir, I., Shahri, W. and Bhat, M.A. 2011. Effect of cycloheximide on senescence and postharvest performance in *Hemerocallis fulva* cv. Royal Crown. J. Plant Sci. 6(1): 14-25. ISSN: 1816-4951/Refereed/Indexed/ International.
- II. Shahri, W., Tahir, I. **Islam, S.T.** and Bhat, M. A. 2011. Physiological and biochemical changes associated with flower development and senescence in so far unexplored *Helleborus orientalis* Lam. cv. Olympicus. Physiol. Mol. Biol. Plants 17(1): 33-39. ISSN: 0971-5894/Refereed/Indexed/International.
- III. Shahri, W., Tahir, I., **Islam, S.T.** and Bhat, M.A. 2011. Effect of ethylene antagonists (STS and AOA) on postharvest senescence of *Ranunculus asiaticus* L Refereed/Indexed/ International.
- IV. Bhat, M.A., Tahir, I., Shahri, W. and **Islam, S.T.** 2011. Effect of cycocel and B-nine (growth retardants) on growth and flowering of *Erysimum marshallii* (Henfr.) Bois. J. Plant. Sci. 6(2): 95-101. ISSN: 1816-4951/Refereed/Indexed/ International.
- V. Shahri, W., Tahir, I., **Islam, S.T.** and Bhat, M. A. 2011. Effect of dry and wet storage at cool temperatures on postharvest performance of *Ranunculus asiaticus* L. flowers. Front. Agric. China 5(3): 382-387. ISSN: 1673-7334/Refereed/Indexed/International.
- VI. Shahri, W., Tahir, I., **Islam, S.T.** and Bhat, M. A. 2011. Synergistic effect of STS and cool storage on postharvest performance of cut spikes of *Consolida ajacis* cv. Violet Blue. Hort. Environ. Biotechnol. 52(5): 466-470. ISSN: 22113452/Refereed/Indexed/International.
- VII. Shahri, W., Tahir, I., **Islam, S.T.** and Ahmad, M. 2010. Response of some ornamental flowers of family Ranunculaceae to sucrose feeding. Afr. J. Plant Sci. 4(9): 346-352. ISSN: 1996-0824/Refereed/Indexed/International.

Papers presented in conferences and seminars

- I. **Islam, S.T.**, Tahir, I, 2013. "Effect of Kinetin alone or in combination with sucrose and cobalt chloride on flower quality and vase life in cut scapes of *H. fulva* L. **9th JK Science Congress and Regional Science Congress** on "Innovations and Advances in Science and Technology", 01 to 03 Oct, University of Kashmir, Srinagar.
- II. **Islam, S.T.**, Tahir, I 2013. "Effect of dry storage at various temperature regimes and subsequent transfer to various holding solutions on the postharvest performance of cut scapes of *H. fulva* L. **National Conference** on "Status and Conservation of Biodiversity in India with Special reference to Himalayas", 04 to 05 Oct University of Kashmir, Srinagar.
- III. Gul, F., Tahir, I., Shahri, W. and **Islam, S.T.** 2009. Flower development and senescence in *Nerine sarniensis* cv. Red. **National conference on biodiversity: Present status and future challenges**, 26-28th March, Department of Botany, University of Kashmir, Sgr. p.58-59.
- IV. **Islam, S.T.**, Tahir, I., Gul, F., Shahri, W. and Ahmad, M. 2009. Physiological and biochemical changes during flower development and senescence in morning glory (*Ipomoea tricolor* cv. Heavenly Blue). **National conference on biodiversity: Present status and future challenges**, 26-28th March, Department of Botany, University of Kashmir, Sgr. p.60-61.
- V. Shahri, W., Tahir, I., Gul, F., **Islam, S.T.** and Ahmad, M. 2009. Flower development and senescence in *Helleborus orientalis* cv. Olympicus. **National conference on frontiers in plant physiol. towards sustainable agriculture** 5-7th Nov. Assam Agricultural University, Jorhat, Assam. p.233.
- VI. Shahri, W., Tahir, I., Gul, F., **Islam, S.T.** and Ahmad, M. 2010. Effect of dry and wet storage on postharvest performance of *Ranunculus asiaticus* flowers. **National Symposium on lifestyle floriculture: challenges and opportunities**. 19-21 March, Dr.Y.S. Parmar university of Horticulture and Forestry, Nauni, Solan. p.150 (Best poster presentation award).
- VII. Shahri, W., Tahir, I., **Islam, S.T.** and Bhat, A.M. 2010. An effective storage protocol for improving the postharvest performance in cut spikes of *Consolida ajacis* Nieuwl cv. Violet Blue. **6th J&K science congress, 2-4 Dec., University of Kashmir, Sgr.** p.131.
- VIII. Ahmad, M., Tahir, I., Shahri, W., **Islam, S.T.** and Sabhi, S. 2010. Effect of gibberellins on the growth and flowering of *Iberis umbellate* L. **6th J&K science congress, 2-4 Dec., University of Kashmir, Sgr.** p.133-134.

- IX. Sabhi, S., Tahir, I., Shahri, W., **Islam, S.T.** and Ahmad, M. 2010. Physiological and biochemical changes associated with flower development and senescence in *Iris germanica* L. **6th J&K science congress, 2-4 Dec., University of Kashmir, Sgr.** p.150-151.
- X. Bhat, M.A., Tahir, I., Shahri, W., **Islam, S.T.** and Ahmad, S.S. 2011. Effect of gibberellins and cytokinins on growth and flowering of *Iberis umbellata* L. **National seminar on sustainable crop productivity through physiological intervention.** 24-26 Nov., Ramnarain Ruia College, Matunga, Mumbai. p. 114-115.

Book Chapters

- I. Ethylene Signaling in Plants: Introspection". **In** *Plant signaling: Understanding the molecular crosstalk:* pp. 303-313. Ed. Hakeem, K. R., Rehman, R., Tahir, 2013. Springer Science+Business Media, LLC; 233. Spring Street, New York, NY 10013, ISBN 978-81-322-1541, ISBN 978-81-322-1542-4.
- II. Bisma Malik, Tanveer Bilal Pirzadah, Sheikh Tajamul Islam, Inayatullah Tahir, Manoj Kumar, Reiaz Ul Rehman (2014). Biomass pellet technology: A green approach for sustainable development. Edited book "Agricultural biomass based potential material" by Hakeem, Khalid Rehman, Jawaid, Mohammad, Alothman, Othman (eds.) 2014. ISBN: 978-3-319-13846-6 (Hardcover), ISBN: 978-3-319-13847-3 (ebook), Springer international.

Training Courses

- I. Attended Orientation Course on *General Orientation Course*. Organized by UGC-Academic Staff College, University of Kashmir, Srinagar, 17-02-2014 to 17-03-2014.
- II. Attended Special Winter School Refresher Course, Organized by UGC-Academic Staff College, University of Kashmir, Srinagar, 11th February to 02nd March 2016.

Conferences/seminars/ Workshops attended

- I. Attended 5 day INSPIRE Science Camp from 7-09-2013 to 11-09 2013 organized by the University of Kashmir, Srinagar.
- II. Attended National Science day, 14-09-2013, on “ Genetically Modified Crops and Food Security” organized by the Department of Botany, University of Kashmir, Srinagar.
- III. Attended 3 days 9th JK Science Congress and Regional Science Congress from 1-10-2013 to 03-10-2013, on “Innovations and Advances in Science and Technology” organized by the University of Kashmir, Srinagar.
- IV. Attended 2 days National Conference from 04-10-2013 to 05-10-2013, on “Status and Conservation of Biodiversity in India with Special reference to Himalayas” organized by the University of Kashmir, Srinagar.
- V. Participated in "Science Academies Lecture Workshop on Himalayan Biodiversity and Bio-resources: Mapping, Utilization and Conservation". Organized by *IAS, Bangalore, INSA, New Delhi, THE NAS, Allahabad in collaboration with Department of Botany, University of Kashmir, Srinagar,* from 08-05-2014 to 10-05-2014