

## **CURRICULUM VITAE**

**NAME** : **MOHMAD ARIEF ZARGAR**

**DESIGNATION** : Assistant Professor

**POSTAL ADDRESS** : Department of Botany,  
University of Kashmir,  
Srinagar-190 006,  
Jammu & Kashmir, India.

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**ACADEMIC RECORD** :

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CLASS	YEAR	INSTITUTION
10 <sup>th</sup>	1992	JK BOSE
11 <sup>th</sup>	1993	JK BOSE
12 <sup>th</sup>	1994	JK BOSE
B. Sc.	1997	Kashmir University
M. Sc.	2000	Kashmir University
M. Phil.	2003	Kashmir University
Ph. D.		Kashmir University
Any other	NET (LS) Dec. 2000	CSIR-UGC

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### **POSITIONS HELD:**

Position held	Name of Organisation	Period		Nature of work
		From	To	
Assistant Professor	Department of Botany, University of Kashmir	14-02-2007	Till date	Teaching and Research
Project Fellow	Indian Institute of Integrative Medicine, Srinagar	16-04-2004	15-04-2006	Research in Ethnobotany, Ethnopharmacology, Phytochemical Analysis and Cultivation of Medicinal Plants
Lecturer	Govt. Degree College, Bemina	01-03-2004	15-04-2004	Teaching

**COURSES TEACHING:**

Class	Course no.		Course name	Semester
<b>M. Sc. Botany</b>	<b>Core courses</b>	Bot-13	Plant Biochemistry	III
		Bot-16	Plant Physiology	IV
		Bot-19	Biostatistics and Biotechniques	IV
	<b>Optional courses</b>	Bot-15	Crop Physiology-I	III
		Bot-20	Crop Physiology-II	IV
<b>M. Sc. Bioresources</b>	<b>Core courses</b>	Biores-108	Biomedicine, Biocosmetics and Bio-prospecting	II
		Biores-112	Biostatistics and Biotechniques	III

**MAJOR RESEARCH FOCI:**

Post Harvest Physiology and Technology of Cut Flowers  
Ethnopharmacology and Phytochemical Analysis of Plant Samples

**OUTSTANDING ACHIEVEMENTS/AWARDS/FELLOWSHIPS**

1. “**Carl Storm International Diversity Fellowship 2006**” from **Gordon Research Conferences (GRC) Board of Trustees, USA.**
2. National Eligibility Test (NET) for Lecturership (CSIR-UGC, Dec. 2000).
3. 82<sup>nd</sup> bracketed position in J&K BOSE Exam. Oct-Nov. 1991.

**PUBLICATIONS:**

1. Mudasir A.Tantry, Reehana Khan, Seema Akbar, **Mohmad Arief** and Mohammed K.Siddiqui. 2011. Antimicrobial and antioxidant activities of *Epimedium elatum* (Morr. & Decne.) and quantification of its marker compounds. *Current Chemical Research* Vol. 1(1).
2. **Zargar Mohmad Arief**, I. Tahir, S. Farooq & S.M. Sultan. 2005. Sucrose and 8-HQC prolongs the vase life and improves the quality of cut scapes of *Hemerocallis fulva* L. cv. Royal Crown. In: *Opata, L.U. (Ed.). Book of Extended Abstracts. Int. Conf. Postharvest Tech. & Quality Mgt in Arid Tropics*, pp. 70-74. Sultan Qaboos University, Sultanate of Oman. 31 Jan.-2 Feb. 2005.
3. Sheikh M. Sultan, Inayatullah Tahir, **Mohammad Arif** and S. Farooq. 2002. Cycloheximide Spray Treatment Soon After Opening Prolongs Longevity of Detached Morning Glory (*Ipomoea tricolor*) Flowers. *J. Plant. Biol.* **29**(1): 105-108.
4. **Mohammad Arif**, Inayatullah Tahir, Sheikh M. Sultan and S. Farooq. 2002. Enhancement of Vase Life of Cut Scapes of Garden Iris (*Iris germanica* L.) with Sucrose and Cobalt Chloride. *J. of Indian Botanical Society* **81**:353-354.

## ABSTRACTS:

1. **Z. Mohmad Arief**, A. S. Shawl and A. H. Munshi. **2010**. Investigation of Medicinal Value of *Epimedium elatum* on the Basis of Pharmacologically Active Constituents, Icaritin and Icariside-II. In *Abstracts of International Conference on Recent Advances in Pharmaceutical Sciences*. BHU, Varanasi, (India), 22-23 Dec.2010. page 109.
2. **Z. Mohmad Arief**, A. S. Shawl and A. H. Munshi. **2009**. HPLC Determination of Icaritin Content in *Epimedium elatum*. In *Abstracts of National Seminar on "Biodiversity: Current Status and Future Challenges"*. Department of Botany, University of Kashmir, Srinagar, (India). 26-28 Mar. 2009.
3. **Z. Mohmad Arief**, Inayatullah Tahir, A. H. Munshi and A. S. Shawl. **2006**. Sucrose, Cobalt Chloride and Aerated Soft Drink (Limca) Prolongs the Vase Life and Improves the Postharvest Quality of Cut Scapes of *Hemerocallis fulva* L. cv. Royal Crown. In *Abstracts of Postharvest Physiology Gordon Research Conference*. Connecticut College, New London, Connecticut, USA. July 9-14, 2006.
4. **Z. Mohmad Arief**, A. S. Shawl and A. H. Munshi. **2006**. Study on the Evaluation of *Epimedium elatum* as a Medicinal Plant. In *Abstracts of Second J&K Science Congress*. University of Kashmir. Srinagar, India. July 25-27,2006.
5. **Zargar Mohmad Arief**, A. H. Munshi and A. S. Shawl. **2005**. Manual Defoliation and Silverthiosulphate Pulse Treatment Improves the Post Harvest Characteristics of Cut Stalks of *Godetia amoena* Don. In *Abstracts of Australian Postharvest Horticulture Conference*. Crop and Food Research Ltd. Rotorua, New Zealand. September 27-30, 2005.
6. **Mohammad Arif**, Inayatullah Tahir and S. Farooq. **2003**. Soft Drink (Limca) Enhances the Longevity and Quality of Cut Scapes of *Hemerocallis fulva* L. cv. Royal Crown. In *Abstracts and Souvenir of National Seminar on Recent Advances in Plant Science Research*, Srinagar (India), 12-14 Oct. 2003. page 8.
7. **Mohammad Arif**, Inayatullah Tahir, S. Farooq and Sheikh M. Sultan. **2002**. Effect of Silverthiosulphate Pulse Treatment on the Vase Life and Quality of Cut Scapes of *Hemerocallis fulva* L. cv. Royal Crown. In *Abstracts of 25<sup>th</sup> All India Botanical Conference*, Bareilly (India), 27-29 Oct.2002.page78.

## CONFERENCES ATTENDED/ABSTRACTS CONTRIBUTED:

### INTERNATIONAL:

1. International Conference on Recent Advances in Pharmaceutical Sciences. BHU, Varanasi, (India), 22-23 Dec. **2010**.
2. Postharvest Physiology Gordon Research Conferences. New London, Connecticut, **USA**. July 9-14, **2006**.
3. Australian Postharvest Horticulture Conference. Crop and Food Research Ltd. Rotorua, **New Zealand**. 27-30 September, **2005**.
4. International Conference on Postharvest Technology and Quality Management in Arid Tropics. Sultan Qaboos University, **Sultanate of Oman**. 31 Jan.-2 Feb. **2005**.

### NATIONAL:

1. 6<sup>th</sup> J&K Science Congress. University of Kashmir, **Srinagar**, India. December 2-4, **2010**.

2. National Seminar on “Biodiversity: Current Status and Future Challenges”. Department of Botany, University of Kashmir, **Srinagar**, (India). 26-28 Mar. **2009**.
3. Second J&K Science Congress. University of Kashmir, **Srinagar**, India. July 25-27, **2006**.
4. National Seminar on Recent Advances in Plant Science Research, **Srinagar** (India), 12-14 Oct. **2003**.
5. 25<sup>th</sup> (Silver Jubilee) All India Botanical Conference, **Bareilly** (India), 27-29 Oct. **2002**.

#### **ROLE IN CORPORATE LIFE OF THE UNIVERSITY:**

1. Member Board of Postgraduate Studies in Botany
2. Member Board of Postgraduate Studies in Bioresources
3. Member Departmental Store Committee
4. Member Departmental Purchasing Committee (Bioresources)
5. Member Departmental Technical Committee (Bioresources)

#### **EXTENSION LECTURES DELIVERED**

1. Postharvest Physiology of Cut Flowers. Guest lecture delivered in the Department of Botany, Islamia College of Science and Commerce. 2006.
2. Factors Affecting Postharvest Quality and Longevity of Cut Flowers. Guest lecture delivered in the Department of Botany, Islamia College of Science and Commerce 2006.
3. Postharvest Techniques for Prolongation of Vase Life. Guest lecture delivered in the Department of Botany, Islamia College of Science and Commerce. 2006.