##### MOHAMMAD ARIF

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**EDUCATION**

**Master of Science in Chemistry, (Grade A)**

University Of Kashmir, Hazharatbal Srinagar, India.

**EXAMINATIONS QUALIFIED**

CSIR- JRF(NET), SET/ SLET AND GATE, IN CHEMISTRY

**Bachelor of Science in Science, (Grade A)**

University of Kashmir, Hazharatbal Srinagar, India

RESEARCH EXPERIENCE

**Januarary 2011 to till date**Worked as Junior Research Fello (JRF) at Indian Institute of Integrative Medicine (CSIR), Jammu, India   
Scope of Duties: Isolation, Characterization and semisynthetic Modification Of Biologically active Molecules and Extraction of secondary metabolites from medicinal plants.” Organic coupling reactions involving heterogenous catalysts

**AREAS OF INTEREST**

Natural Product Chemistry, Medicinal Chemistry, Cancer Biology, Molecular Biology,

**EMPLOYMENTS:**

Former SRF-CSIR at Indian Institute of Integrative Medicine (CSIR), Jammu, India

ASSISTANT PROFESSOR IN CHEMISTRY

GOVT DEGREE COLLEGE KULGAM

DEPTT OF HIGHER EDUCATION

GOVT OF J&K

# TECHNICAL SKILLS

* Isolation, Characterization and semi Synthetic Modification of Biologically Active Natural products.
* Development Of Noval Methods For the synthesis of Biologically Active Molecules.

**SELECTED PUBLICATIONS**

1. **Arif M**, Wani A, Farooqui M. Lawn Grass:An Excellent and low cost sorbent for the removal of NI(II) ions from waste water**. Electronic Journal of Environmental, Agricultural and Food chemistry 11 (3),2012.[259-264**]

2. **Mohammad Arif** , Varsha Shrivastava, Amrita Bowmik, Baldev Singh:

An expeditious N,N- dibenzylation of anilines under ultrasonic irradiation conditions using low loading Cu(II)-clay

heterogeneous catalyst **Tetrahedron Letters 56 (2015) 136–141.**

1. BASHIR A DARa, **MOHAMMAD ARIF** aAKSHAY K SAHOOa, PARDUMAN R SHARMAa, SANJAY PANDEYa, MEENA SHARMAband BALDEV:Fe–Al/clay as an efficient heterogeneous catalyst for solvent-free synthesis of 3, 4-dihydropyrimidones,***J. Chem. Sci.* Vol. 125, No. 3, May 2013, pp. 545–553. Indian Academy of Sciences.**
2. **Mohammad Arif** • Asif Ali • Parvaiz Qazi: A potent cytotoxic metabolite from terrestrial actinomycete,Streptomyces collinus, **Med Chem Res** 1007/s00044-013-0640-2
3. Bashir Ahmad dar, , **MOHAMMAD ARIF** , Syed Naseer Ahmad,Altaf Hussain,Nisar Ahmad,Baldev Singh: Ultrasound promoted expeditious catalyst free solvent free approach for the synthesis of N,N-diarylsubstituted formamidines at room temperature, **Tetrahedron Letters 54 (2013) 4880–4884.**

**REFERENCES:**

**Dr. Asif Ali, Scientist E**

Indian Institute of Integrative Medicine (CSIR)

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**Dr. Baldev Singh, Scientist E**

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**PERSONAL INFROMATION**

Gender : Male

Religion : Muslim

Marital status : married

Nationality : Indian

**CORESSPONDING ADDRESS:**

Natural product Division

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