

DR. ARIF BASHIR WANI

Medicinal and Aromatic Plant Studies

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Date of Birth: 25/03/1985 Anantnag (J&K), India

PROFILE

I have a strong passion for teaching which will foster a positive learning environment in a classroom. I am also committed to inspiring and empowering students through innovative, skilful and motivational teaching methods. Moreover, I am also passionate about doing research work in the wide domain of Plant Physiology, especially on Medicinal and Aromatic plants. During my Ph.D. work, I have thoroughly analysed the use of medicinal herbs for treating various diseases especially on *Moringa oleifera* having anti arthritic activity. I have published several research papers and review articles in international journals of repute. Overall, I am eager to contribute and explore teaching and research work with strong dedication.

EDUCATION

Ph.D. Botany

Department of Botany, Barkatullah University
Bhopal

2011 – 2015

Bhopal M.P, India

M.Sc Botany

Dr. Bhim Rao Ambedkar University Agra

2006 – 2008

Agra U.P, India

Aggregate = 69.21%

M.Ed

University of Kashmir

2010

Srinagar, India

Aggregate = 61.60%

Bachelor of Science (CBZ)

Govt. Degree College for Boys Anantnag; University of Kashmir

2003 – 2005

Anantnag, India

First Division: 60.66%

Intermediate Course

Govt. Boys Higher Secondary School Anantnag

2001 – 2002

Anantnag, India

2nd Division: 51.33%

PUBLICATIONS

1. **Arif Bashir**, Rakesh Mehta, Umer Lone, Trisha Saxena, Muzaffar Ahmad. *Moringa oleifera*: A Study on its preliminary Phytochemistry and anti oxidant Activity. *International Journal of Innovative Pharmaceutical Sciences and Research*, 2015,
2. **Arif Bashir**, Rakesh Mehta, Mahesh Tharani, Waseem Ahmad, Tufaila Manzoor, Hilal Ul Zaman. A Review on Screening of Different Medicinal Plants used for Treatment of Arthritis. *Indo American Journal of Pharmaceutical Research*, 2016,
3. Trisha Saxena, **Arif Bashir**,. Evaluation of Antian-giogenic and Antiproliferative Efficacy of 3 Phyto-chemicals with special reference to Anthocyanins. *International Journal of Science and Research*, 2013,
4. Talab Hussain, Irshad Ahmad Baba, S,M Jain**Arif Wani**, Phytochemical Screening of Methanolic Ex-tracts of *Prunus persica*. *International Journal of Sci-entific Research*, 2015,
5. Waseem Ahmad, Nisar Ahmad, Muzafar Akbar, Aparna Alia **Arif Bashir**, Allelopathic effects of Aque-ous extracts of *Avena fatua* (wild oat) on morpho-logical features of *Triticum aestivum* variety G-273. *International Journal of Innovative Pharmaceutical Sci-ences and Research*, 2016,
6. Mahesh K Ningwal, Rajendra Chouhan, **Arif Wani**, Sandhya Keshtre. Tretament of Asthamatic Rats by the extracts of *Tephrosia purpura*. *Journal of Chem-ical, Biological and Physical Sciences, An International Peer Review*, 2014,
7. Irshad Ahmad Baba, **Arif Bashir**, Firoz Moham-mad. Wound healing potential of Methanolic extracts of *Juglans regia* on albino rats. *European Journal of Molecular and Clinical Medicine*, 2021, 21. IF: 3.9, Q1

8. Manzoor R Khan, Arifa Akhter.**Arif B Wani**, M.I.S Saggoo, Irshad Ahmad Nawchoo. Morhological and genetic diversity of endangered Lavatera cachemiriana populations along an altitudinal gradient of Kashmir Himalayas. *Discover Plants (Paper Under Review*, 2024,

RESEARCH SKILL

Chromatography (TLC, Column Chromatography)
Transmission Electron Microscopy (TEM)
Gas Chromatography-Mass Spectroscopy (GC-MS)
Confocal Laser Scanning Electron Microscopy (CL-SEM)
UV-Visible Spectroscopy

- Learned more effective methods for teaching Botany.

Botany

Home Tutor

📅 Srinagar/Anantnag, India 📍

- Taught Botany and allied subjects to Secondary, B.Sc. and M.Sc aspirants.

WORKSHOPS

Attended 2 days Workshop on Interdisciplinary Sciences and Modern Biology Organized by M.K Ponda College of Business Management Bhopal from 14th to 15th Feb 2014

📅 Feb 2014 📍 Bhopal M.P

Attended 3 days Workshop on Innovative Techniques for Attraction of Talent in Science, Biotechnology and Research Organised by Govt M G M P.G College Itarsi M.P from 27th to 29th Jan 2015

📅 Jan 2015 📍 Itarsi M.P

Attended 6th POST ESE Workshop on Assessment, Examination and Evaluation: Issues and Challenges organised by Central University of Kashmir from 17th to 18th Oct 2018

📅 Oct 2018 📍 Srinagar JK

RESEARCH INTERESTS

Medicinal and Aromatic Plants Plant Physiology
Allelopathy Plant Metabolites Plant Diversity

CONFERENCES

Presented Poster

Presented Poster in International Conference on Translational Medicine in 21st Century Stem Cell Transplantation:Current Status Organised by Barkatullah University Bhopal M.P India from 11th April 2015 to 14th April 2015 on the title " Applications of Stem ell Transplant in Cancer Biology

📅 April- 2015 📍 M.P (India)

Paper Presented

Presented Paper in National Seminar on National Development through Science and Technology held from 25th September 2017 to 26th September 2017 Organised by ISCA Chapetr Srinagar University of Kashmir

📅 Sep- 2017 📍 University of Kashmir, India

Presented Poster

Presented Poster in 103rd Indian Science Congress held in University of Mysore, Mysuru from 3rd January 2016 to 7th January 2016

📅 Jan- 2016 📍 University of Mysore, Mysur

Participation in International Conference

Participated in First One Day International Conference on Kashmir in the Collective Imagination on 27th March 2017 Organised by Govt. Degree College Uttersoo, Govt. Degree Colege Dooru and Govt. Degree College Larnoo

📅 Mar- 2017 📍 GDC Dooru, India

Participated in other International/National Conferences as well

SKILLS

MS Word MS Excel
MS PowerPoint Chem Draw SPSS-25.0

MEMBERSHIPS

Reviewer

Reviewer of some prestigious International Journals Published by Elsevier and Springer

📅 May 2024-Present 📍 Remote

i. Actively participated in an essay writing competition.

ii. Actively participated and helped in organising events

SCIENCE OUTREACH

i. Active member of JK Scientists (2020-Present).

TEACHING EXPERIENCE

Govt. Degree College, Dooru

Worked as Contractual Assistant Professor

📅 Jun 2015 – Mar 2016 📍 JK

Govt. College of Education (IASE) M.A Road Srinagar (Constituent College Cluster University Srinagar)

Worked as Contractual Assistant Professor

📅 April 2016 – Mar 2017 📍 JK

Govt. College of Education (IASE) M.A Road Srinagar (Constituent College Cluster University Srinagar)

Worked as Contractual Assistant Professor

📅 April 2017 – Mar 2018 📍 JK

Govt. College of Education (IASE) M.A Road Srinagar (Constituent College Cluster University Srinagar)

Worked as Contractual Assistant Professor

📅 April 2018 – July 2019 📍 JK

Govt. College of Education (IASE) M.A Road Srinagar (Constituent College Cluster University Srinagar)

Worked as Contractual Assistant Professor

📅 Mar 2020 – Dec 2020 📍 JK

G G M Science College Jammu (Constituent College Cluster University Jammu)

Worked as Contractual Assistant Professor

📅 Mar 2021 – May 2021 📍 JK

G G M Science College Jammu (Constituent College Cluster University Jammu)

Worked as Contractual Assistant Professor

📅 Oct 2021 – April 2022 📍 JK

Govt. Degree College for Women, Anantnag)

Worked as Contractual Assistant Professor

📅 April 2022 – Dec 2022 📍 JK

Govt. College of Education (IASE) M.A Road Srinagar (Constituent College Cluster University Srinagar)

Worked as Contractual Assistant Professor

📅 Mar 2023 – Oct 2023 📍 JK

S P College Srinagar (Constituent College Cluster University Srinagar)

Worked as Contractual Assistant Professor

📅 Oct 2023 – July 2024 📍 JK

Govt. Degree College Kokernag

Worked as Contractual Assistant Professor

📅 Oct 2024 – Till Date 📍 JK

EXTENSION LECTURES

Delivered Lecture

One Week Workshop on Lesson Planning organised by IASE sponsored under Teacher Education Scheme of MHRD On Theme "Lesson Design in Science"

📅 March– 2018 📍 Srinagar, JK

Delivered Lecture

One Week Induction Programme for newly recruited Assistant Professors of Higher Education Department, Govt. of JK On Theme "Environmental Ethics"

📅 Dec– 2016 📍 Srinagar, JK

Delivered Lecture

Four Week General Orientation conducted for newly recruited Assistant Professors of Higher Education Department, Govt. of JK organised by IASE in collaboration with UGC, HRDC University of Kashmir On Theme "Microteaching"

📅 Dec– 2016 📍 Srinagar, JK

Delivered Lecture

Seven Day Training of Trainers in Curriculum Development for Secondary Education organised by IASE sponsored under Teacher Education Scheme of MHRD On Theme "Curriculum Review and Re-frame in Science"

📅 Dec- 2017

📍 Srinagar, JK

Delivered Lecture

2nd One Week Induction Programme for newly recruited Assistant Professors of Higher Education Department, Govt. of JK On Theme "Environmental Ethics"

📅 Jan- 2017

📍 Srinagar, JK

Delivered Lecture

Six Day Training of Trainers Programme in ICTs for RPs of School Education Department organised by IASE sponsored under Teacher Education Scheme of MHRD On Theme "Teacher Education and Role of ICT"

📅 Feb- 2018

📍 Srinagar, JK

EVENTS ORGANISED

As Facilitator

One Week Workshop on Lesson Planning organised by IASE sponsored under Teacher Education Scheme of MHRD On Theme "Lesson Design in Science"

📅 15th March- 2018

📍 Srinagar, JK

As Co-coordinator

Two Week Refresher Course in Teacher Education for Teacher Educators of DIETs and SIEs organised by IASE sponsored under Teacher Education Scheme of MHRD

📅 13th Dec- 2016

📍 Srinagar, JK

As Member

National Workshop on Skill Development and Entrepreneurship with special reference to Natural Fabric Dyeing and Pashmina Weaving organised by IASE.

📅 16th Oct- 2017

📍 Srinagar, JK

As Member

Workshop on Research Methodology/ Microteaching for Teacher Educators of DIETs and SIEs organised by IASE sponsored under Teacher Education

Scheme of MHRD On Theme "Lesson Design in Science"



📍 15th Feb- 2018

Srinagar, JK
As Member

Two Day Seminar on Assessment and Evaluation organised by IQAC Of IASE

📅 27th Feb- 2017

📍 Srinagar, JK

As Member

Five Days Training Programme on Early Childhood Care and Education organised by IASE sponsored under Teacher Education Scheme of MHRD

📅 13th Nov- 2017

📍 Srinagar, JK

As Member

Seven Day Training of Trainers in Curriculum Development for Secondary Education organised by IASE sponsored under Teacher Education Scheme of MHRD

📅 12th Dec- 2017

📍 Srinagar, JK

As Member

Two Day National Seminar NCF-2005: Pedagogic and Assessment Issues organised by IASE.

📅 7th Jan- 2019

📍 Srinagar, JK

As Facilitator

3 Days National workshop on Applying Blooms Taxonomy in School Subjects with special reference to Science and Social Science organised by IASE sponsored under Teacher Education Scheme of MHRD

📅 18th Dec- 2018

📍 Srinagar, JK

REFERENCES

Dr. Barkat Ali

@ Associate Professor Head Department of Botany, S P College, Srinagar(School of Life Sciences Cluster, University Srinagar

✉ barketali1@gmail.com

Dr. Shazia Mushtaq

@ Associate Professor Department of Botany, S P College, Srinagar(School of Life Sciences Cluster, University Srinagar

✉ shaazia23@gmail.com

Prof. Mohd Ashraf

@ Govt. Degree College Kokernag

✉ botarhraf000@gmail.com