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192211.



Dr Bilal Ahmad Bhat



PERSONAL DETAILS

Date of Birth

20-04-1980

Nationality

Indian

ABOUT ME

HIGHLY ENTHUSIASTIC IN MAKING CARRIER IN GEOSCIENCES AND VERY PASSIONATE TO WORK IN YOUR HIGHLY PRECIOUS AND WORLD RENOWNED UNIVERSITY. I HAVE 9 PLUS YEARS OF TEACHING EXPERIENCE AT POST GRADUATE AND GRADUATE LEVEL FOR GEOLOGY AND ALLIED SCIENCES. I LOOK FORWARD TO WORK WITH HIGHLY TRAINED AND WELL SKILLED WORKFORCE OF YOUR ORGANISATION AND TRY MY LEVEL BEST FOR THE PROSPERITY AND DEVELOPMENT OF YOUR INSTITUTE.

WORK EXPERIENCE

Lecturer

Department of Geology, Govt. Degree College Anantnag, University of Kashmir, J&K/ April-2017 – June-2020.

- Taught Geology at Post-graduate and Under-graduate level.
- Actively participated in the on-going projects of the department.
- Advised graduate degree dissertation.
- Participated in community development programs.
- Provided leadership to youth groups taking part in discovery exercises and provided personalized support to those in need of extra help.
- Created intriguing lesson plans and established learning goals for classes.
- Created new ideas and strategies for learning for approval by administration.
- Used multimedia learning tools to create course lesson plans that were intriguing and met students academically, intellectually and socially.
- Evaluated students on regular time intervals.

**Assistant Professor
(04 Years and 6 months)
Aug 2012 – March- 2017.**

Papers Taught

1. Palaeontology
2. Sedimentology
3. Stratigraphy
4. Geomorphology
5. Engineering Geology
6. Petroleum geology and
7. Environmental Geology

Department of **Geology** (Hydrology and Soil Dynamics),
Kishtwar Campus, University of Jammu, Kishtwar

- Taught Engineering Geology theory and practical at **post-graduate** level.
- Advised masters dissertations.
- Provided students with detailed instructions on hands-on training on the software's.
- Evaluated students on regular time intervals

Papers Taught

1. **Paleontology and Stratigraphy**
2. **Sedimentology**
3. **Field Geology and Maps.**
4. **Underground openings.**
5. **Rock Mechanics.**
6. **Soil Mechanics.**
7. **Rock foundations and slopes.**

Department of Earth Science, University of Kashmir.

- Conducted timely assessments and evaluations.
- Participated in organizing national and international seminars and conferences.
- Advised Post graduate degree dissertations.

Papers Taught

1. Paleontology and Stratigraphy.
2. Crystallography and Mineralogy.
3. Field Geology.

**Lecturer on Contract
March 2011 to
February 2012.**

**Industrial Experience/
27-March 2008 to
17th September 2008**

**ADMINISTRATIVE
EXPERIENCE:**

4. Sedimentology

Worked as a **Geologist** in “**TDI-Brooks International**” (**Texas**) in the **Petroleum exploration based offshore Vessel, Geo-Explorer** employed in Geochemical Survey, for *petroleum & Natural Gas*. Besides sampling collection, observation, determination of physical properties, preservation, I got an opportunity to handle radar, performing Sonography and Bottom profiling as well.

**INVAGILATIONS/
EVALUATIONS:**

- 24-12-2013 Worked as **Incharge Campus, Kishtwar Campus** University of Jammu, Kishtwar.
- Acted as **Incharge Library**, Kishtwar Campus University of Jammu, Kishtwar w.e.f 06-10-2013.
- Acted as **Incharge Library**, Department of Earth Science, University of Kashmir, 2012-2013.

- Invigilated as **Superintendent** and acted as Internal examiner for practical's in as many as five (05) PG-examinations at the Kishtwar Campus, University of Jammu.
- Invigilated as **Deputy Superintendent** and **Internal Examiner** for 4 papers of MSc. Geology, Department of Earth Science, University of Kashmir.
- Revised the syllabi and course of study of the 1st 2nd and 3rd SEM, (December, 2014), Department of Geology (HSD), Kishtwar Campus, University of Jammu.
- WORKED AS INVAGILATOR in more than 10 papers UG examinations conducted by University of Kashmir.
- As Paper setter for more than 15 papers from time to time for 1st, 2nd, 3rd year graduate level examinations, GDC Anantnag.

ACADEMIC HISTORY:

PhD: (AWARDED-2011)

Pursued PhD. from the Department of Geology, **Aligarh Muslim University**, Aligarh (AMU), on the problem entitled

“Foraminiferal Taxonomy, Palaeoecology, Biostratigraphy, and Palaeogeography of Jurassic rocks of Fakirwari Dome, Kutch Gujarat”.

Qualified CSIR- UGC-NET
JUNE/ 2006:

National Eligibility Test (NET) held on 18-06-2006 in *Earth, Atmospheric, Ocean and Planetary Sciences*.

M.SC Applied Geology:
2003-2005:

Departement of Geology, Aligarh, Muslim University, Aligarh.

Bachelor of Science(B.Sc):
1999-2003:

Amar Singh College, University Of Kashmir, Srinagar with Geology as the main subject with Chemistry, Geography and English as Subsidiary Subjects.

MSc. Dissertation
2005

Completed a project for the partial fulfilment of post-graduation P.G. **“Foraminifera from the Jurassic rocks of Kutch Gujarat India a review”.**

**TECHNICAL SKILLS
ANALYTICAL
EXPERIENCE:**

Proficient in **supervising PG students** for carrying out Projects, Geological field work, field tests as well as laboratory tests for geological and Geo-Technical projects. Collection and identification of fossils, Preparation and Processing of samples for Microfossil extraction, Picking, Mounting and Systematic analysis,

TECHNICAL SKILLS:

Geological mapping using GIS map making technique and software's, Solving Dip and Strike problems, Determination of rock mass quality and joint study, Stereonet projection, Insitu soil testing, Water quality determination, Morphometric analysis of stream order, Estimation of stream flow (Discharge), Estimation of sediment load in rivers, Preparation of Litholog and fossil collection and sampling has been my ambition.

**FELLOWSHIPS,
SCHOLARSHIPS
AND GRANTS:**

2007-2010:

Monthly **UGC-Research, Fellowship** for carrying out research from the University under University Grants Commission.

2006-2007

Awarded **merit scholarship UGC- Fellowship** for Micro-Paleontological studies.

2005-2006:

Selected for AWARD OF JUNIOR RESEARCH FELLOWSHIP IN SCIENCES, HUMANITIES AND SOCIAL SCIENCES **merit scholarship awarded by University Grants Commission, south campus of Delhi University.** **FIELD EXPERIENCE:**

NOV, 2008 -

Field work in Gujarat: Sampling and field survey from the Fakirwari Dome, Kutch Gujarat for the Micropaleontological studies.

MARCH, 2008-
SEPT. 2008

Offshore Geochemical Survey for **TDI-Brooks International** in the Texas based offshore Vessel, Geo-Explorer.

Field Experience & Practical data Collection

JUNE, 2011:

Field visit to **Permian Triassic Boundary** Section at Ghryul Ravine, and Karewas of Kashmir, Jammu & Kashmir India. Many field visits and sample collections have been carried out.

SEP, 2012:

Field study along the road from **Kishtwar to Padder**. During this study various dip-strike operations was studied. Extensive sample collection was also done.

NOV, 2012:

Field Visit along the road from **Kishtwar to Chatroo** under supervision of Dr. G.M. Bhat, A Wold Renowed Geoscientist along MCT (Major Central Thrust) of central Himalayas, India..

DEC, 2012:

15 DAYS Field tour to West India, Rajasthan Lead and Zinc mines, Magnesite mines and coal mines of Udaipur District, Rajasthan, Jamarkotra Mines Rajasthan, Visit to Phosphate Mines, Soapstone quarrying sites, Melani Igneous Suite, a contact between igneous and sedimentary rocks at Mehrangarh Fort at Jodhpur, RQD Determination by indirect method on master joints, Jodhpur.

MAY, 2013:

Field Visit to **Bhaderwah and Kishtwar** for the impact and analysis study of the chain of earthquakes striking that area constantly from 1st May. It was an extensive study for assessment of damage.

DEC, 2013:

2-Weeks visit to Jammu Region. The study was done along the Siwalik Range. In this tour we also visited Reasi which is geologically rich and treasure of various geological features.

BOOKS PUBLISHED:

May-2014:

Published “A textbook of Geology with special reference to Geology of J&K. (ISBN No: 978-4122-93-00-3)” May, 2014.

PUBLICATIONS:

1. Systematics, age, paleoecology and paleobiogeography of Jurassic foraminifera from Fakirwari Dome, Kutch, Gujarat, India. **Micropaleontology, vol. 62, no. 2, text-figures 1–7, pp. 171–194, 2016**

2. Groundwater degradation and its Health effects due to minor element Concentration: a case study of singrauli Industrial area, madhaya Pradesh. **Int. J. of Geology & Earth Sci., 2015**

3. Foraminifera from Jurassic sediments of Keera Dome, Kutch (**Journal of Geological Society of India, Volume, 83, November, 2012, pp. 667-675**)

**CONFERENCES
AND
SEMINARS:**

1. Ground water quality deterioration in parts of Central Ganga basin, Aligarh City, U.P. India (**National Conference in the Department of Geography, AMU, Aligarh**).

2. Presented a Paper in Regional Workshop on Water conservation and Rainwater harvesting techniques to augment the groundwater and its impact on environment, Organized by Department of Geology, Aligarh Muslim University, Aligarh on 5th June, 2010.

ORGANIZER:

1. **Organised National Seminar on Recent trends in information Technology and its applications in Industry.**

2. **Organised 5 day national Seminar on Application of Remote Sensing in E-Governance.**

3. **Earth day held by the Department of Earth Science University of Kashmir.**

**GUEST LECTURES:
19 to 21-MARCH-2012**

Delivered Six Guest Lectures on Geology , Engineering Geology and Soil Dynamics to the students of MSc. 2nd SEM, Department of Geology, University of Jammu, Kishtwar.

SUPERVISED PROJECTS:

1. Supervised a project on the fauna and flora in Permian rocks of the P/T Boundary Guryul ravine, Kashmir.
2. Biostratigraphy and the impact of extinction on the Triassic rocks of P/T Boundary Guryul ravine, Kashmir.
3. Supervised a project on “Application of various field and Laboratory Tests in the determination of strength parameters of rocks and soils for the construction of road and bridges in Ramky Ltd. Srinagar-Banihal Expressway Ltd.
4. Supervised three projects 4th MSc. SEM for the partial fulfillment of post graduation programs based on six months training at Drabshala Hydel power project, Kishtwar, J&K India.

REFERENCES:

1. **DR. AKHTAR RASOOL MIR**
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Campus, Leh, Ladakh, Jammu and Kashmir.
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2. **DR. MOHD. YOUSUF KHANDAY,**
SENIOR GEOLOGIS, GEOLOGICAL SOCIETY OF INDIA
SRINAGAR
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