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**Personal**  
Date of Birth: 01. 03. 1984  
Nationality: Indian  
Sex: Male

**Permanent Address:**

S/o: Ab. Rashid Dar  
Watergam, Rafiabad,  
Baramulla, Jammu and Kashmir,  
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**Current Address:**

Shahi-Hamdan Lane,  
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**Expertise:**

**Academic:** I teach contemporary courses viz. Symmetry and Group Theory, Inorganic Reaction Mechanism and Organometallic Chemistry and emerging courses viz. Crystal Engineering and Supramolecular Chemistry to M. Sc. Students. I am also in-charge for seminar presentations of Masters students as well as Research Scholars.

**Research:** I am trained in the hard-core areas of inorganic chemistry including synthesis, design, structural characterization and applications. My current research interests include  
*1. Supramolecular Chemistry- Co-crystals and Molecular Salts. 2. Pharmaceutical and Neutraceutical Co-crystals. 3. Polymorphism 4. Optical and Electronic Properties of Organic Crystals. 6. Halogen Bonding. 7. Molecular Sensors and devices. 8. Organic Optoelectronics. 9. Crystallography*

**Projects Completed:**

- 1. UGC-FRPS Seed Grant Project. (PI) (2017-2019)**  
Title: Co-crystal or Molecular Salt! Can the Dividing Line between Two Conjugate Supramolecular Building Entities be Drawn?
- 2. Early career research Award-SERB-DST-New Delhi (PI) (2017-2020)**  
Title: Crystal Engineering of Pharmaceuticals: Approach to Address the Solubility Limitation of Drugs
- 3. SERB-DST NPDF New Delhi (Mentor) (Dec-2022 to May-2023)**  
Title :Luminescent Boranil Chromophore Adducts: A modified combination approach using crystal engineering and miceller chemistry (PostDoc Fellow: Arif Ahmad Dar)
- 4. Women Scientist-A DST-New Delhi (Mentor) (2020-2023)**  
Title: Towards understanding packing in Molecular Solids: An approach to establish relationship between packing & properties. (Women Scientist: Shaista Hassan Lone)

**Projects going on:**

- 5. Core Research Grant SERB-DST-New Delhi (Co-PI) (2022-2025)**  
Title: Determination of Nucleation and growth kinetics of cocrystals in solution cocrystallization.  
(PI: Dr. Jose V. Prambil, IIT Patna)
- 6. Core Research Grant SERB-DST-New Delhi (PI) (2022-2025)**  
Title: Crystal Engineering approach for the development of Multi-Stimuli responsive luminescent crystalline organic materials.
- 7. J & K Science and Technology and Innovation council Grant, J&K, India (PI) (2024-2025)**

Title: Crystal Engineering approach to improve bioavailability via solubility and stability of nutraceuticals.

### **Academics and Expertise:**

**M. Sc.** Specialization in Inorganic Chemistry

Department of Chemistry, University of Kashmir. Batch 2006-07

**B. Ed.**

Department of distance Education, University of Kashmir Year 2008.

**Ph. D.** [JRF+SRF]

Department of Chemistry, Indian Institute of Technology (IIT)-Bombay Year 2009-2015

**Research Associate** [MHRD-Fellowship]

Department of Chemistry, Indian Institute of Technology Bombay Jan-2015 to June-2015

**Lecturer, F.I.P**

Islamia College of Science and Commerce, Srinagar Sept-2015 to Dec-2015

**Assistant Professor**

Department of Chemistry, University of Kashmir Dec-2015 to till date

### **Achievements/Fellowships/Recognitions**

1. School topper (2000)

2. N.E.T. (2008)

3. UGC-JRF (2009-2011)

4. UGC-SRF (2011-2014)

5. MHRD-Research Associate (2014-2015)

6. Alumni IIT Bombay

7. UGC-Startup Grant-Faculty Research Promotion Scheme (2016)

8. DST-SERB-Early Career Research Award (2017)

9. INSA-Visiting Fellow-IISc Bangalore (2018-19)

10. Emerging Investigator-Crystal Growth & Design (ACS)-2020

11. INSA-Visiting Fellow-IISER Kolkata (2021-22)

12. Outstanding Reviewer-CrystEngComm (RSC)-2021

13. Emerging Investigator-Crystal Growth & Design (ACS)-2022

14. Emerging Investigator-Journal of Physical Chemistry C-2023

15. New Talent-Crystal Engineering & Communications-2023

16. Member, Indian National Young Academy of Sciences (INYAS), New Delhi (2024-2029)

### **Doctoral Thesis Project**

Thesis title:

**“Rational Design and Synthesis of Molecular and Extended Zinc Phosphates: Insights into Mechanism of their Formation”**

**Aim and objectives:** Porous solids like naturally occurring zeolites (alumino-silicates) have found utility in various every day activities. However natural zeolites have limited pore options, which necessitate the research efforts in the area of synthesis of new types of porous materials with designer pores. Metallophosphates, which are structural analogues to zeolites, have emerged as very successful and highly applied class of porous compounds which can be synthesized under laboratory conditions.

**Projects finished successfully:**

- Functionalization of organo phosphate Primary Building Units with various functional groups (Cl, Br, I, CHO, -NH<sub>2</sub>) and synthesis of novel bi-functional bisphosphate ligands. The functionalized phosphate ligands have been employed for synthesis of various functionalized metallophosphates.
- The build-up mechanism of extended porous solids/metallophosphates from molecular Secondary Building Units has been investigated. The important

- Isolation of first examples of octanuclear zinc phosphates and their solvent driven structural modulations into various types of tetranuclear zinc phosphates.
- Synthesis and utility of various single pore zeolitic D4R zinc phosphate units for fluoride encapsulation.
- Linking of functionalized D4R zinc phosphate Secondary Building Units into 2-dimensional porous networks, which have been employed for fluoride ion sensing and molecular (benzil) recognition.
- Rare examples of hetero metallic Gr1 and zinc phosphate have been synthesized and their structural elucidation confirms unprecedented bonding behavior of alkali metals.

## Research Publications

### Ph.D.

1. **Synthetic Strategies to Achieve Further-Functionalised Monoaryl Phosphate Primary Building Units: Crystal Structures and Solid-State Aggregation Behaviour.** [Aijaz A. Dar](#), Abhijeet Mallick and Ramaswamy Murugavel. *New J. Chem.* **2015**, 39, 1186-1195.  
<http://pubs.rsc.org/en/content/articlehtml/2015/nj/c4nj01614a> (RSC) **Impact Factor 3.28**  
DOI:10.1039/C4NJ01614A
2. **Discrete {GdIII<sub>4</sub>M} (M = GdIII or CoII) Pentanuclear Complexes: A new class of metal-organophosphate molecular coolers.** Sandeep K. Gupta, [Aijaz A. Dar](#), Thayalan Rajeshkumar, Subramaniam Kuppaswamy, Stuart K. Langley, Keith S. Murray, Gopalan Rajaraman, and Ramaswamy Murugavel. *Dalton transactions*, **2015**, 44, 5961-5965.  
<http://pubs.rsc.org/en/Content/ArticleLanding/2015/DT/c4dt03655g#!divAbstract>  
DOI:10.1039/C4DT03655G(RSC) **Impact Factor 4.20**
3. **Is Single-4-Ring Zinc Phosphate the Most Fundamental but Elusive Secondary Building Unit that Transforms to Larger Structures in Zinc Phosphate Chemistry?** [Aijaz A. Dar](#), Sunil K. Sharma and Ramaswamy Murugavel. *Inorganic Chemistry*, **2015**, 54, 4882-4894.  
<http://pubs.acs.org/doi/abs/10.1021/acs.inorgchem.5b00495>  
DOI: 10.1021/acs.inorgchem.5b00495v(ACS) **Impact Factor 4.82**
4. **Unprecedented Structure Modulations In Octanuclear Zinc Phosphates and the Role Of Hydroxypyridine Co-Ligands.** [Aijaz A. Dar](#), Saumik Sen, Sandeep Gupta, Naresh Patwari and Ramaswamy Murugavel. *Inorganic Chemistry*, **2015**, 54(19), 9458-69.  
(ACS) **Impact Factor 4.82**
5. **Dimensionality Alteration and Intra- versus Inter-SBU Void Encapsulation in Zinc Phosphate Frameworks.** [Aijaz A. Dar](#), Gulzar, A. Bhat and Ramaswamy Murugavel (*Inorganic Chemistry*, **2016**, 55(11), 5180-90. (ACS) **Impact Factor 4.82**
6. **Elusive Double-Eight-Ring Secondary Building Unit of Zeolites.** Sandeep K. Gupta, Alok Ch. Kalita, [Aijaz A. Dar](#), Saumik Sen, G. Naresh Patwari, Ramaswamy Murugavel. *Journal of the American Chemical Society (JACS) ASAP* DOI:10.1021/jacs.6b11156.  
(ACS) **Impact Factor 13.04**
7. **Selective formation of discrete versus polymeric copper organophosphates: DNA cleavage and cytotoxic activity.** Gulzar A. Bhat, Raihana Maqbool, [Aijaz A. Dar](#), Mahboob Ul Hussain and Ramaswamy Murugavel. *Dalton Trans.*, **2017**, **46**, 13409-13420  
DOI:10.1039/C7DT02763J (RSC) **Impact Factor 4.20**

### INDEPENDENT RESEARCHER

#### 2019

8. **Utility of Bis-4-pyridines as Supramolecular Linkers for 5-Sulfosalicylic Acid Centers: Structural and Optical Investigations.** Arshid A. Ganie, Pratap Vishnoi, [Aijaz A. Dar](#)\* (corresponding author) *Crystal Growth & Design* **2019**, 19, 2289-2297.  
DOI: 10.1021/acs.cgd.8b01914 (ACS) **Impact Factor 4.15**
9. **Sulfonate...Pyridinium Supramolecular Synthons: A Robust Interaction Utilized to Design Molecular Assemblies.** Arshid A. Ganie, Aadil A. Ahangar, [Aijaz A. Dar](#)\* (corresponding author). *Crystal Growth & Design* **2019**, 19, 4650-4660.  
DOI:10.1021/acs.cgd.9b00555 (ACS) **Impact Factor 4.15**

## 2020

10. **Achievement of enhanced solubility and improved optics in the molecular complexes based on sulfonate-pyridinium supramolecular synthon.** Ishtiyaq Ahmad, Arshid A. Ganie, [Aijaz A. Dar\\*](#) (corresponding author). *CrystEngComm*. **2020**, *22*, 3933–3942. DOI: <https://doi.org/10.1039/D0CE00346H> (RSC) **Impact Factor 3.38** *Cover page, Hot Article, Themed Collection: Crystal Engineering techniques*
11. **Irreversible Thermochromism in Sulfonated Anils.** [Aijaz A. Dar\\*](#) (corresponding author), Arshid A. Ganie. *Crystal Growth & Design* **2020**, *20*, 6, 3888–3897. DOI: <https://doi.org/10.1021/acs.cgd.0c00188> (ACS) **Impact Factor 4.15** *Published as part of Virtual Issue "Crystalline Molecular Solids: From Form to Function". Published as part of Virtual Issue "Emerging Investigator-2020"*

## 2021

12. **Validation of the supramolecular synthon preference through DFT and physicochemical property investigations of pyridyl salts of organo-sulfonates.** Arshid A. Ganie, Thufail M. Ismail, P. K. Sajith, [Aijaz A. Dar\\*](#) (corresponding author). *New J. Chem.* **2021**, *45*, 4780–4790 (RSC) **Impact Factor 3.288**
13. **Water Switched Reversible Thermochromism in Organic Salt of Sulfonated Anil.** Arshid A. Ganie, [Aijaz A. Dar\\*](#) (corresponding author). *Crystal Growth & Design* **2021** (5), 3014–3023. DOI: [doi.org/10.1021/acs.cgd.1c00189](https://doi.org/10.1021/acs.cgd.1c00189) (ACS) **Impact Factor 4.15**
14. **Organic Co-crystal Semiconductors. A Crystal Engineering Perspective.** [Aijaz A. Dar\\*](#) (corresponding author), Shahida Rashid. *CrystEngComm*. **2021** (23), 8007–80026. DOI: <https://doi.org/10.1039/D1CE01117K> (RSC) **Impact Factor 3.288** *(Invited Article)*
15. **Molecular salts of the isoniazid derivatives. Expanding the scope of sulfonate-pyridinium synthon to design materials.** Arshid A Ganie, Rajendiran Marimuthu, Shaikh T Islam, Shikha Narang, [Aijaz A Dar\\*](#) (corresponding author). *Journal of Solid State Chemistry*, **2021** (307), 122762. <https://doi.org/10.1016/j.jssc.2021.122762> (Elsevier) **Impact Factor 3.49**

## 2022

16. **Expanding the Scope of Hydroxyl-pyridine Supramolecular Synthon to Design Molecular Solids.** Arshid A Ganie, Shahida Rashid, Aadil A Ahangar, Thufail M Ismail, PK Sajith, [Aijaz A Dar\\*](#) (corresponding author). *Crystal Growth & Design* **2022**, ASAP. DOI: <https://doi.org/10.1021/acs.cgd.2c00006>. (ACS) **Impact Factor 4.15** *Published as part of Virtual Issue "Emerging Investigator-2022"*
17. **Influence of halogen substitution on crystal packing, molecular properties and electrochemical sensing.** Aadil A Ahangar, R. Elancheran, [Aijaz A Dar\\*](#) (corresponding author). *Journal of Solid State Chemistry*, **2022** 314, 123382, <https://doi.org/10.1016/j.jssc.2022.123382>. (Elsevier) **Impact Factor 3.49**
18. **Multi-Stimuli-Responsive Organo-Sulfonated Anil and Its Organic Complex.** I. Ahmad, A. A. Malik and [Aijaz A Dar\\*](#) (corresponding author)., *Cryst. Growth Des.* **2022**, *22*, 11, 6483–6492, <https://doi.org/10.1021/acs.cgd.2c00693>. (ACS) **Impact Factor 4.1**

## 2023

19. **Syntheses, Structural Characterization, and Cytotoxicity Assessment of Novel Mn(II) and Zn(II) Complexes of Aroyl-Hydrazone Schiff Base Ligand.** Masrat Bashir, [Aijaz A. Dar](#), and Imtiyaz Yousuf., *ACS Omega* **2023**, *8*, 3026–3042. <https://doi.org/10.1021/acsomega.2c05927> ACS **Impact Factor 4.1**
20. **AIE in the halogenated anils and their utilization as fluorescent probes for explosive nitro-aromatics.** Aadil A Ahangar, I. Ahmad, [Aijaz A Dar\\*](#). *New J. Chem.* **2023**, *47*, 4775–4783. <https://doi.org/10.1039/D2NJ05306C> (RSC) **Impact Factor 3.7**
21. **A high Z' structure of an organic salt with unusually high phase stability, nanoindentation, and mechano and vapo-fluorochromism.** I. Ahmad, Arshid A. Ganie, Shamim Ahmad, Aadil A. Ahangar, C. Malla Reddy and [Aijaz A. Dar\\*](#). *CrystEngComm*. **2023**, *25*, 3164–3170. (*New Talent-2023*) <https://doi.org/10.1039/D2CE01693A> (RSC) **Impact Factor 3.38**
22. **Hetero-Aggregation-Induced Tunable Emission in Multicomponent Crystals.** Arshid A. Ganie, Aadil A. Ahangar, Abhimanew Dhir, Abhishek K. Gupta, and [Aijaz A. Dar\\*](#). *J. Phys. Chem. C*. **2023**, *127*, 19, 9257–9267 (*Emerging Investigator*)

- <https://doi.org/10.1021/acs.jpcc.3c00178> (ACS) Impact Factor 4.177
23. **Physicochemical and Anti-fungal Studies of the Pharmaceutical Co-crystal/Salt of Fluconazole.** Adil A. Ahangar, Hafsa Qadri, Asif A. Malik, Manzoor A Mir, Abdul H Shah\*, *Aijaz A Dar\**. *Molecular Pharmaceutics*. **2023**, 20, 7, 3471–3483 (*Virtual Issue*)  
<https://doi.org/10.1021/acs.molpharmaceut.3c00087> ACS Impact Factor 5.3
  24. **Pharmaceutical Cocrystals: A Perspective on Development and Scale-up of Solution Cocrystallization** Anindita Saha, Aadil A. Ahangar, *Aijaz A. Dar\**, Satyanarayana Thirunahari, and Jose V. Parambil\*. *Cryst. Growth Des.* **2023**, ASAP (*Invited Article and Journal Cover Page*)  
<https://doi.org/10.1021/acs.cgd.2c01553> ACS Impact Factor 3.8
  25. **Switching the Solid-State Emission of Organic Crystals through Cofomer Choice and Vapochromism** Ishtiyaq Ahmad, *Aijaz A. Dar\** *J. Phys. Chem. C.* **2023**, ASAP  
<https://doi.org/10.1021/acs.jpcc.3c03787> ACS Impact Factor 3.7
  26. **Mechanistic Insights into the Aggregation-Induced Emission of Halogenated Schiff base Fluorescent Probes** Adil A Ahanger, Asif A Malik, *Aijaz A. Dar\** *Dyes & pigments* **2023**, ASAP  
Elsevier Impact Factor 4.5
  27. **Engineering the Solid-State Luminescence of Organic Crystals and Cocrystals.** *Aijaz A. Dar\**, Shaista H Lone , Ishtiyaq Ahmad, Aadil A. Ahanger, Arshid A. Ganie and C. Femina *Mater. Adv.* **2023**. Accepted manuscript. (*Journal Back cover page*)  
RSC Impact Factor 5.0

[Note: Impact factors mentioned are as per the date of online publications of the articles]

### Conferences / Posters / Talks

#### Conferences/Workshops organised

1. One-day Science workshop in collaboration International Union of Crystallography-IUCr at Govt. Degree college Boys, Sopore. **2018 (Cordinator)**
2. International webinar lecture series of 7 talks by eminent scientists-2021 (**Co-cordinator**)
3. 3rd International Conference on Crystal Engineering: From Molecule to Crystal. Sept-Oct. **2022**, at Pahalgam Kashmir (**Coordinator**)
4. 3-Day residential RSC-Yusuf Hamied Chemistry Camp for Govt. School children. 12-14, September **2023**, at University of Kashmir (**Coordinator**)

#### Talks:

1. Title “Crystal Engineering of Organic Molecules” by iDreams at NIT Srinagar, November **2020**. (*Invited*)
2. Title “Sulfonate-Pyridinium supramolecular synthon- A novel Robust Synthon” at 2nd International Conference on Crystal Engineering: From Molecule to Crystal, a Virtual Meeting, 19 – 20 June **2020**.
3. Title “Crystal Engineering of Pharmaceuticals” at 1-Day Workshop at Department of Fish Genetics and Biotechnology, SKUAST Srinagar, Rangil-Campus, 9, March **2022**. (*Invited*)
4. Title “Single crystal X-ray diffraction” at 7-Day DST Stuti workshop organized by NIT Srinagar and Punjab University Chandigarh, **2022** (*Invited*)
5. Title “Non covalent interactions with special focus on H bonding” at JK SCERT Srinagar, 15 Feb **2023** (*Invited*)
6. Invited talk at Yusuf Hamied Chemistry Camp for school children at Ladakh University (Kargil campus), 18, September **2023**.
7. Title “Crystal engineering of the organic solid-state emitters” at INTERNATIONAL CONFERENCE ON SEPARATION AND PURIFICATION TECHNOLOGIES (ICSPT), IIT Patna, 7-8th December, **2023** (*Invited*)

8. Title “3<sup>rd</sup> CONFERENCE ON NANOMECHANICS FOR PHARMACEUTICAL APPLICATIONS (NPA 2023), IIT Hyderabad, 17-18, Dec 2023 (Invited)

### Conferences Proceedings

- Fusion, Folding and Misfolding Involving S4R Molecular Zinc Phosphates: Do We Understand the Formation of Larger Zeolite SBUs from Smaller SBUs? Alok C. Kalita, *Aijaz A. Dar*, Sandeep K. Gupta and R. Murugavel. *Proceedings of DAE-BRNS, 5<sup>th</sup> Interdisciplinary Symposium on Materials Chemistry*, December 9-13, 2014, BARC, India

### Poster Presentations: National/International Conferences

- Presented poster titled as “*Rational Design and Synthesis of Molecular and Extended Zinc Phosphates: Insights into Mechanism of their Formation*” at 17th CRSI National Symposium in Chemistry, held at National Chemical Laboratories, Pune, 6-8, Feb, 2015.
- Presented poster titled as “*Linking of Discrete D4R Zeolitic SBUs by ditopic ligand, 4,4'-bipyridyl-N-oxide into 2-dimensional supramolecular assemblies: Application in fluoride Ion Encapsulation and Molecular Recognition*” at 16th CRSI National Symposium in Chemistry, held at Indian Institute of Technology Bombay, Mumbai, India; Feb, 2014.
- Volunteered and Presented poster titled as “*Structure Modulations in Octameric Zinc Phosphates Dictated by the Reaction Medium and Ancillary Ligands*” at Chemical Frontiers (CF), Goa, India; August 2014.
- Presented poster titled as “*Hierarchical Assembly of Discrete D4R Zeolitic SBUs by Novel Bipyridyl-oxide's into 2-Dimensional Supramolecular Assemblies*” at 14th CRSI National Symposium in Chemistry, held at National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, Kerala, India; Feb, 2012.
- Presented poster titled as “*Fluoride Sensing by Metal Organic Framework*” at Chemistry of Functional Materials (CFM), Goa, India; August 2011.
- Presented group poster titled as “*Recent developments of work in our laboratory*” at In-house Symposium, Chemistry Department, IIT Bombay, Mumbai, India; September, 2011.
- Attended “Research Scholars and Alumni Symposium-2014” at IIT Bombay, Mumbai, India; March 2014.
- Presented poster titled as “*Unprecedented Structure Modulations in Octameric Zinc Phosphates and the Role of Hydroxypyridine Co-Ligands*” at “41<sup>st</sup> International Conference on Coordination Compounds” held at Singapore, July 2014
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### Affiliations

Member of Royal Society of Chemistry (Membership Number 564187)  
Selected Member, Indian National Young Academy of Sciences (INYAS), New Delhi

### Collaborators

1. Prof. R. Murugavel, Deptt. of Chemistry IIT Bombay,
2. Prof. Mobin Sheikh, Deptt. of Chemistry IIT Indore
3. Prof. G. R. Desiraju, SSCU, IISc Bangalore
4. Prof. C. M. Reddy, IISER-Kolkata
5. Dr. Sajith K. Farukh College, Kerala India
6. Dr. Abhimanyu, IISc Bangalore
7. Dr. Ravi Kumar, NIT, Srinagar
8. Dr. Jose P., Deptt. of Chemical Sciences IIT Patna
9. Dr. Sharmarke Mohamed, Associate Prof. Chemistry Khalifa University Abu Dhabi, UAE
10. Dr. Peer Abdul Haseeb Shah, Deptt. of Bioresources University of Kashmir.

### Reviewer

1. Crystal Growth & Design (ACS)
2. Crystal Engineering & communication (RSC)
3. Polyhedron (Elsevier)

4. Chemistry Select (Science Direct)
5. Chemistry Asian Journal (Wiley)
6. The Journal of American Chemical Society (JACS-ACS)

### Outreach Activities

1. I have visited various schools regarding counseling of students vis-a-vis scope and opportunities in applied sciences **2017-**
2. Career Counseling in Applied Sciences at Environment Hall Handwara organized by APEX institute. 2017 (Chief Guest)
3. Coordinated One-day Science workshop collaborated by Department of Chemistry, University of Kashmir & International Union of Crystallography-IUCr at Govt. Degree college Boys, Sopore. **2017**
9. Virtual Science Outreach Programme for Higher School Children through KCRAVAN, August 2020
10. Chemistry Magic Show at Kendriya Navidyala, Ganderbal, Jammu & Kashmir, August **2023**
11. 3-Day Yusuf Hamied Chemistry Camp, in collaboration with RSC, India, at University of Kashmir, 12-14, September **2023**.
12. Invited talk at Yusuf Hamied Chemistry Camp for school children at Ladakh University (Kargil campus), 18, September **2023**.

### News Paper Popular Articles:

1. Greater Kashmir Article: Applied Sciences, Expiring Career! Myth or Truth. <http://www.greaterkashmir.com/news/opinion/story/241165.html> **2016**
2. Interview with Oracle: <http://oracleopinions.com/2017/09/15/post-graduation-transitory-phase-students-needpush-intellect-academics-research-exclusive-interview-dr-aijaz/> **2016**
3. Career Opportunities in Applied Sciences. Raising Kashmir **2020**
4. 3rd International Conference on Crystal Engineering: From Molecule to Crystal [CE: FMC2022] at Pahalgam Kashmir (<http://risingkashmir.com/3rd-international-conference-on-crystal-engineering-from-molecule-to-crystal-ce-fmc2022-at-pahalgam-kashmir>)

### Post-Doctrates

| S. No. | Name                      | Tenure                         |
|--------|---------------------------|--------------------------------|
| 1      | <i>Dr. Arif Ahmad Dar</i> | <i>From Dec 2022- May-2023</i> |

### Ph. D. / Project Students working under my supervision currently

|                                 |                          |
|---------------------------------|--------------------------|
| <i>Mr. Ishtiyah Ahmad Bhat</i>  | <i>Ph. D.</i>            |
| <i>Mr. Adil Ayoub Ahanger</i>   | <i>Ph. D.</i>            |
| <i>Mr. Asif Ah Malik</i>        | <i>Ph. D.</i>            |
| <i>Mr. Arshid Ahmad Ganie</i>   | <i>Project Assiatant</i> |
| <i>Mrs. Shaista Hassan Lone</i> | <i>Ph. D.</i>            |
| <i>Musaib Yousuf</i>            | <i>Co-Supervisor</i>     |

### M. Sc. Project Interns

| S. No. | Name                       | Affiliation                                  |
|--------|----------------------------|--|
| 1      | <i>Peer Shajrah Yaqoob</i> | <i>Sri Pratap College M.A. Road Srinagar</i> |
| 2      | <i>Iqra Ayoub Kuchey</i>   | <i>Sri Pratap College M.A. Road Srinagar</i> |
| 3      | <i>Suheela Akhter</i>      | <i>Sri Pratap College M.A. Road Srinagar</i> |

A handwritten signature in red ink, consisting of several loops and a long horizontal stroke.

***Dr. Dar, Aijaz Ahmad***