

# Ali Syed Idrees Afzal Jalali

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IISc Campus.



Bachelors in Engineering    NIT Srinagar - 2011  
Masters In Engineering    IIT Roorkee - 2014  
Ph.D in Engineering    IISc Bangalore (2014 - present)

## Research Interest:

- High temperature deformation – Bending creep
- Bond coats
- Solid oxide fuel cell

Extra-Curricular: Painting, Cycling, and Trekking.

| Conferences  | Place  | Timeline         | Topic  |
|--|--|------------------|--|
| 25 <sup>th</sup> AGM of MRSI   | Thaper University, Pataila                     | 2012             | Investigations on the In-situ Production of Al-Metal Matrix Composites by Stir Casting |
| International Conference On “Innovative Trends in Mechanical, Material, Manufacturing, Automotive, Automobile and Aeronautical Engineering” (ITMMMAAAE-2014) | JNU, New Delhi                                 | 15-16 Feb 2014   | Synthesis and characterization of tape casted solid oxide fuel cells electrolyte       |
| 29 <sup>th</sup> Annual Students Symposium   | IISc Bangalore                                 | 21-22 Jan 2016   |  |
| Indo-US Bilateral Workshop on Ceramic Coatings and Multilayers   | Orange County Resorts, Coorg, Karnataka, India | 25-28 Feb-2016   | High temperature deformation study of commercially pure Aluminium cantilevers          |
| First Structural Integrity Conference and Exhibition (SICE-2016)   | Hotel Le Meridian, Bangalore, India            | July 4-6, 2016   | High temperature deformation study of commercially pure Al                             |
| Creep-2017   | Saint Petersburg, Russia                       | 19-22 June- 2017 | Prediction of creep deformation by bending   |