

## CURRICULUM VITAE

**SAI RAJ ALI**  
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## EDUCATION

Qualification	Affiliation	College/school	Year	%
Ph.D. Physics	JMI	Department of Physics Jamia Millia Islamia New Delhi, India	2017-present	
M.Sc. Physics	JMI	Department of Physics Jamia Millia Islamia New Delhi, India	2014-2016	83.9
B.Sc. (Hons.) Physics	University of Delhi	Department of Physics Shivaji College New Delhi, India	2011-2014	72.7
Higher secondary	AISSCE	GBSS School, Rajouri Garden New Delhi, India	2011	73.4
Matriculation	AISSE	GBSS School Mohan Garden New Delhi, India	2009	86.6

## ACADEMIC ACHIEVEMENTS

Qualified national level examination for Ph.D. candidates conducted by **Council of Scientific & Industrial Research (CSIR)**: Eligible for a junior research fellowship in research institutions in India. **All India rank-92**, in December 2016 exam.

## PROJECTS UNDERTAKEN

### January 2016:

Three weeks “**M.Sc. Orientation Programme at Inter University Accelerator Centre, New Delhi**” (4 – 22 January 2016).

**Project title:** "Gamma-ray detection and variation in energy resolution with different scintillation detector (NaI(Tl), LaBr<sub>3</sub>(Ce), BaF<sub>2</sub>) ”

**Supervisor:** Mr. Akhil Jhingan Scientist

**July 2015 – May 2016:**

Research towards a Master's Thesis

**Project title:** “Newman Janis Algorithm for Black Hole.”

**Supervisor:** Prof. Sushant Ghosh, Professor at Centre for Theoretical Physics, Jamia Millia Islamia, New Delhi.

**WORKSHOP/SCHOOL ATTENDED**

- Density Functional Theory for Heterogeneous Catalysis, 06–11 August, 2018, at IIT Guwahati, India.
- International School on Ion Beams in Material Science, October 3-7, 2018 at Inter University Accelerator Centre (IUAC) New Delhi, India.
- Workshop and Symposium on Advanced Simulation Methods: DFT, MD and Beyond, 6-10 March, 2019 at IIT Delhi, India.
- Winter School on Materials and Molecular Simulations using Open Source Softwares from theory to practice, 16– 22 October 2019 at Department of Physics, Bishop Moore College, Mavelikara, Kerala, India.

**COMPUTER & SOFTWARE PROFICIENCY**

- Operating System : Windows, Linux
- Computer Languages : C++, Fortran
- Softwares : Quantum Espresso, Latex, Maple, Mathematica, CP2K

**PERSONAL PARTICULARS**

Date of birth : July 3, 1993  
Gender : Male  
Language known : Hindi, English.  
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