

Faculty profile

Faculty Name : Dr. ARYA S.

Designation : Asst. Professor

PEN : 869290

Department : Physics

Is HOD : No

Permanent Address : E.P. 9/468, Behind G.U.P.S.,Kuttikattukara P.O.,Ernakulam. 683501

Contact Number : 9188301533

Email : arya.subramonian@gmail.com

Experience Details :



Educational qualifications

Course	University/ Institution	Year of Pass
UG	Mahatma Gandhi University, Kottayam, Kerala	2008
PG	Cochin University of Science & Technology, Kochi, Kerala	2010
M Phil		
Ph D	IMSc,Chennai / Homi Bhabha National Institute, Mumbai	2017
Postdoc	APCTP, S. Korea & Uppsala University, Sweden	
Others (Specify)		

Broad Area of Research : **Strongly correlated systems, Density functional theory**

Publications (Newest first)

1. Measuring the Intra-Atomic Exchange Energy in Rare-Earth Adatoms, Phys. Rev. X **10**, 031054 – Published 9 September 2020
2. Quantum phase transitions in strained graphene due to the interplay between spin fluctuations and anisotropic band structure, Phys. Rev. B **96**, 085126 – Published 21 August 2017
3. Antiferromagnetism in the Hubbard model on the honeycomb lattice: A two-particle self-consistent study, Phys. Rev. B **92**, 045111 – Published 9 July 2015

Books/ Chapters Published

- 1.
- 2.

Paper Presentations

Sl No	Title of paper	Name of Conference	Date
1			
2			

Areas Of Interest :

-
-

Field of Research :

-
-

Research Projects and Grants

Sl No	Title	Funding Agency	Amount Sanctioned	Year
1				
2				

Research Guideship Details

Number of students registered for Ph D :

Number of students awarded :

Seminars / Workshops Organized

Sl No	Name of the Programme	Venue	Date
1			
2			

Professional Appointments (Such as Chairman, Director etc)

Sl No	Position	Name of Institution/Body	Date/Year
1			
2			

Recognition and Awards

Sl No	Name of Award	Agency	Year
1			
2			

Academic & Administrative Responsibilities

- 1.
- 2.
- 3.

Any Other Details to Specify:

- 1.
- 2.
- 3.