

Name: Dr. Ganesh Adhikary
Designation: Assistant Professor
Branch: Physics



Educational Qualification(s):

Qualification(s)	University
M. Sc. In Physics	University of Calcutta
PhD	Tata Institute of Fundamental Research, Mumbai

Experience in years:

Academic :

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	University of Nova Gorica, Slovenia	Research Associate	5/1/2015	31/12/2017
2	IIT Mandi	Postdoctoral fellow	1/11/13	31/10/14

Other Information:

a) Publication details.

Journal Publications

- Orbital-dependent electron dynamics in Fe-pnictide superconductors*
Ganesh Adhikary, Barbara Ressel, Matija Stupar, Primož Rebernik Ribič, Jurij Urbančič, Giovanni De Ninno, D. Krizmancic, A. Thamizhavel, and Kalobaran Maiti
Phys. Rev. B **98**, 205142 (2018) Impact Factor: 3.772 issn: 2469-9969
- Hidden order in Fe-pnictide superconductors*
Khadiza Ali, **Ganesh Adhikary**, Sangeeta Thakur, Swapnil Patil, Sanjoy K. Mahatha, A. Thamizhavel, Giovanni De Ninno, Paolo Moras, Polina M. Sheverdyaeva, Carlo Carbone, Luca Petaccia and Kalobaran Maiti
Phys. Rev. B **97**, 054505 (2018) Impact Factor: 3.772 issn: 2469-9969
- Anomalous temperature behavior of BaBiO₃*
Ganesh Adhikary, Navneet Singh and Bindu Radhamany
Mater. Res. Express **2**, 126001-126006 (2015). Impact Factor: 1.1 issn: 2053-1591

4. *Complex temperature evolution of the electronic structure of CaFe_2As_2*
Ganesh Adhikary, Deepnarayan Biswas, Nishaina Sahadev, R. Bindu, Neeraj Kumar, S. K. Dhar, A. Thamizhavel, and Kalobaran Maiti
 J. Appl. Phys. **115**, 123901-123906 (2014). Impact Factor: 2.06 issn: 1089-7550
5. *Importance of ligands in the electronic properties of $\text{FeTe}_{0.6}\text{Se}_{0.4}$*
Ganesh Adhikary, Deepnarayan Biswas, Nishaina Sahadev, Swetarekha Ram, V. Kanchana, C. S. Yadav, P. L. Paulose, and Kalobaran Maiti.
 J. Appl. Phys. **114**, 163906-163910 (2013). Impact Factor: 2.06 issn: 1089-7550
6. *Electronic structure of EuFe_2As_2*
Ganesh Adhikary, Nishaina Sahadev, Deepnarayan Biswas, R. Bindu, Neeraj Kumar, A. Thamizhavel, S. K. Dhar, and Kalobaran Maiti
 J. Phys.: Condens. Matter **25**, 225701-225708 (2013). Impact Factor: 2.332 issn: 1361-648X
7. *Electronic structure near quantum critical point in V doped Cr - a high resolution photoemission study*
Ganesh Adhikary, R. Bindu, Sudhir K. Pandey, and Kalobaran Maiti
 Europhys. Letts. **99**, 37009-37014 (2012). Impact Factor: 1.96 issn: 1286-4854
8. *Complex evolution of the electronic structure of Cr with temperature*
Ganesh Adhikary, R. Bindu, Swapnil Patil, and Kalobaran Maiti
 App. Phys. Lett. **100**, 042401-042404 (2012). Impact Factor: 3.4 issn: 1077-3118

(b) Details of Seminar/Workshop/Conference.

Conference proceedings

1. *Evolution of electronic structure in CaFe_2As_2 and EuFe_2As_2 across magnetic transitions*
Ganesh Adhikary, N. Sahadev, D. N. Biswas, R. Bindu, N. Kumar, A. Thamizhavel, S. K. Dhar and Kalobaran Maiti
 AIP Conf. Proc. **1347**, 169-172 (2011). issn: 1551-7616
2. *High resolution photoemission study of Cr - a classic SDW-type antiferromagnetic metal*
Ganesh Adhikary, R. Bindu, S. Patil, S. K. Pandey and K. Maiti
 AIP Conf. Proc. **1349**, 819-820 (2011). issn: 1551-7616
3. *Surface-bulk differences in the electronic structure of CaFe_2As_2*
Ganesh Adhikary, D. N. Biswas, N. Sahadev, R. Bindu, N. Kumar, A. Thamizhavel, S. K. Dhar and Kalobaran Maiti
 AIP Conf. Proc. **1349**, 837-838 (2011). issn: 1551-7616