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|  |  | DEEP Kumar das**CURRICULUM VITAE** |
| SUmmaryI am an Integrated Ph.D. student in IISER Tirupati. I have experience in four semester-long research projects and extensively studied versatile topics in chemical sciences, including material science and nanoscience. Strong background in project designing, variety of instrument handling, and have high experimental skills.ContactPHONE:6295537903EMAIL:deepkumar@students.iisertirupati.ac.inADDRESS:Chakerpara(Halderparalane),Krishnagar, Nadia,West BengalPin code: 741101HobbiesCricketFootballReadingLanguagesBengali Native speakerEnglish Working knowledgeHindi Working knowledge |  | EDUCATIONAug 2019- Present: Integrated Ph.D. student in chemistry IISER Tirupati, Tirupati, A.P CGPA- 9.1Jun 2016- Jun 2019: Bachelor of Science in chemistry Chakdaha college affiliated with University of Kalyani Percentage- 75.25(First Class)Jul 2014- Mar2016: Higher secondary education in science Krishnagar Collegiate School affiliated with WBCHSE Percentage- 87.2Jan2012-Feb 2014: Secondary education Krishnagar High School affiliated with WBSE Percentage-88.29**Awards and Honours*** Qualified Graduate Aptitude Test in Engineering(GATE) 2021 in chemistry
* Integrated Ms-Ph.D. programme fellowship, IISER Tirupati, Tirupati, India(2019-present)
* Qualified Joint Admission Test For M.Sc(JAM) 2019 in chemistry
* Secured 9th position in Bachelor of Science in University of Kalyani

WORK EXPERIENCE* Aug 2019-Dec 2019

***Research Project:*** synthesis and characterization of 2D networked lead-based organic-inorganic halide perovskites***Supervisor:*** Dr. Janardan Kundu* Jan 2020-Apr2020

***Research Project:*** synthesis and characterization of europium based chiral nanomaterial***Supervisor:*** Dr. Jatish Kumar * Dec 2020-Apr 2021

***Research Project:*** synthesis and elucidation of structure-property relationship in lead-free tellurium based organic-inorganic halide hybrid perovskites***Supervisor:*** Dr. Janardan KunduTecniqual skills* UV-Vis Spectrophotometer
* Fluorescence Spectrometer
* Powder X-Ray diffractometer instrument
* Inert gas work station( Glovebox)
* Single Crystal X-ray diffractometer instrument(SCXRD)
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