



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type A post-doc fellowship

[Ramesh Reddy Indukuru]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Indukuru
Name	Ramesh Reddy
Date of birth	[05, 07, 1993]

PRESENT OCCUPATION

Appointment	Structure

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization			
PhD	Physics	National Institute of Technology Karnataka, India	2021
Master	Physics	Central University of Karnataka, India	2016
Degree of medical specialization			
Degree of European specialization			
Other			

REGISTRATION IN PROFESSIONAL ASSOCIATIONS



Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
English	Fluent

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award

TRAINING OR RESEARCH ACTIVITY

description of activity

PROJECT ACTIVITY

Year	Project

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
July 1-4, 2019	Theory Meets Experiment in Low-Dimensional Structures with Correlated Electrons	Prague, Czech Republic
December 2-4, 2019	Spins in Molecular System: Experiment, Theory and Applications (SiM-2019)	Indian Institute of Science, Bangalore, India.
February 12-15, 2019	30th Annual General Meeting of MRSI and the First Indian Materials Conclave	Indian Institute of Science, Bangalore, India.



PUBLICATIONS

Books
[title, place, publishing house, year ...]

Articles
Indukuru Ramesh Reddy , Peter M. Oppeneer, and Kartick Tarafder 'Route to achieving giant magnetoelectric coupling in BaTiO ₃ /Sr ₂ CoO ₃ F perovskite heterostructures' Physical Review B (2018) 98, 140401.
Indukuru Ramesh Reddy , Peter M. Oppeneer, and Kartick Tarafder 'Interfacial Spin Manipulation of Nickel-Quinonoid Complex Adsorbed on Co(001) Substrate' Magnetochemistry (2019) 5(1), 2.
Indukuru Ramesh Reddy and Kartick Tarafder 'Theoretical Investigations of Electronic Structure, Magnetic and Optical Properties of Transition Metal-dinuclear Molecules' ACS Omega (2020) 5(38), 24520.
Indukuru Ramesh Reddy , Peter M. Oppeneer, and Kartick Tarafder 'Pressure driven spin-state and structural transformation in a Hofmann clathrate coordination polymer' Journal of Magnetism and Magnetic Materials (2021) 524, 167637.
Indukuru Ramesh Reddy and Kartick Tarafder 'Understanding and tuning of spinterface for chemisorbed Ni-dinuclear quinonoid on Co(001) substrate' (Journal of Physics: Condensed Matter) (2021; 10.1088/1361-648X/ac0cb6)
Soumitra Payra, Swapna Challagulla, Ramesh Reddy Indukuru , Chanchal Chakraborty, Kartick Tarafder, Balam Ghosh and Sounak Roy 'The Structural and Surface Modification of Zeolitic Imidazolate Framework Towards Reduction of Encapsulated CO ₂ ' New Journal of Chemistry (2018) 42, 19205.
Sunil Kumar Nechipadappu, Indukuru Ramesh Reddy , Kartick Tarafder, and Darshak R. Trivedi 'Salt/Cocrystal of Anti-Fibrinolytic Hemostatic Drug Tranexamic acid: Structural, DFT, and Stability Study of Salt/Cocrystal with GRAS Molecules' Crystal Growth & Design (2019) 19(1), 347.

Congress proceedings
[title, structure, place, year]

OTHER INFORMATION



UNIVERSITÀ DEGLI STUDI DI MILANO

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: 25/07/2021

SIGNATURE

Jamesh Reddy