

Name: Dr. Camelia Das
Designation: Assistant Professor
Branch: Physics



Educational Qualification(s):

Qualification(s)	University
B. Sc. (Physics Hons.)	University of North Bengal
M. Sc. (Physics)	Indian Institute of Technology Guwahati
Ph. D. (Physics)	Indian Institute of Technology Guwahati

Experience in years:

Academic : 4 years

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1.	The ICFAI University Tripura	Assistant Professor	23/07/2018	Till date

Other Information:

a) Publication details.

BOOK PUBLISHED: 0

RESEARCH PAPERS PUBLISHED: 03

1. C. Das, *et al.*, Magnetic properties of single-layer and multilayer structured $Co_{40}Fe_{40}B_{20}$ thin films , Thin Solid Films, 616, 126-133, (2016).
2. C. Das, *et al.*, Tuning the magnetic properties of stripe domain structured CoFeB films using stack structure with spacer layer thickness dependent interlayer coupling, Journal of Magnetism and Magnetic Materials, 448, 32, (2018).
3. C. Das, *et al.*, Thickness dependent surface topography, magnetic properties and magnetic domain structure of amorphous FeTaC thin films, Journal of Material Sciences & Engineering, 7, 455 (2018).

BOOK CHAPTER PUBLISHED: 0

(b) Details of

NATIONAL/INTERNATIONAL SEMINARS/SYMPOSIUM ATTENDED: 07

PAPER PRESENTED : 07

[1]	Temperature Dependent Magnetic and interlayer coupling in FeTaC multilayer thin films Camelia Das and Perumal Alagarsamy, Presented in Around-the-Clock Around-the-Globe 2021 (AtC-AtG 2021) Magnetic Conference, 24 th August 2021, IEEE Magnetic Society
[2].	Magnetic properties and magnetic domain structures in amorphous FeTaC thin film Camelia Das , Jumal Das and Perumal Alagarsamy Presented in Research Conclave 2018, An Amalgamation of Academia, Industry and Start-ups, 8 – 10 March, 2018, IIT Guwahati, Guwahati, India and Received Best poster award.
[3].	Thickness dependent study of FeTaC single layer film and understanding the role of SiO ₂ spacer layer on FeTaC multilayer thin film through interlayer magnetic coupling, Camelia Das , Jumal Das and Perumal Alagarsamy, Presented in Condensed Matter Days (CMDAYS-2017), 29 th – 31 st August, Tezpur University, India.
[4].	Understanding of spacer layer thickness dependent interlayer coupling in FeTaC based multilayer thin films using vibrating sample magnetometer Camelia Das , Jumal Das and Perumal Alagarsamy, Presented in The International Conference on Sophisticated Instruments in Modern Research (ICSIMR-2017), 30 th June – 1 st July, 2017, IIT Guwahati, India.
[5].	Tuning the magnetic properties of stripe domain structured CoFeB films through interlayer magnetic exchange coupling Camelia Das , Jumal Das and Perumal Alagarsamy Presented in Research Conclave 2017, An Amalgamation of Academia, Industry and Start-ups, 16 – 19 March, 2017, IIT Guwahati, Guwahati, India.
[6].	Tuning the magnetic properties of stripe domain structured CoFeB films using stack structure with spacer layer thickness dependent interlayer coupling, Camelia Das and Perumal Alagarsamy, Presented in The International Conference on Magnetic Materials and Applications (ICMAGMA-2017), 1 st -3 rd February, 2017, Hyderabad, India.

- [7]. Magnetic properties of single-layer and multilayer structured CoFeB thin films
Camelia Das, Sambit Mohapatra, G.A. Vitthal and Perumal Alagarsamy,
Presented in The International Conference on Magnetic Materials and Applications
(ICMAGMA-2015), 2nd – 4th December, 2015, VIT University, Vellore, India and
Received Best poster Award.

CONFERENCE ORGANISED: 01

1. One week Online National Conference on Emerging Trends in Physical Sciences - 2021 (ETPS-2021) held at ICFAI University Tripura, September 27th -November1st, 2021. (As a Co-convener)

WORKSHOPS ATTENDED: 06

1. IVCr Workshop on X-ray diffraction system and related Applications, held at IIT Guwahati, September 11th-12th 2014.
2. IEEE Workshop on Power, Mechatronics, Robotics and Control (PMRC 2015), held at IIT Guwahati, August 29th-30th 2015.
3. One-day Workshop on Vacuum Technology and its Application in Optical Science, held at IIT Guwahati, August 19th 2017.
4. Advanced Origin workshop at Research Concalve'18, held at IIT Guwahati, March 8th-11th 2018.
5. Introductory Workshop on Physical Perspective of Astronomy, held at the The ICFAI University Tripura, October 30th-31st, 2019.

WORKSHOP ORGANISED: 01

1. Online Workshop on Entrepreneurship and Innovation As a Career Opportunity held at The ICFAI University Tripura, January 30th 2021. (Organized as a host and coordinator)

(c). Professional membership of reputed bodies if
any. NO