


INDIVIDUAL FACULTY PROFILE- TEMPLATE TO BE UPLOADED IN COLLEGE WEBSITE

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|  | <p>Dr. CHANDASREE DAS Associate professor Qualification: PhD Email-id: chandasreedas.eee@bmsce.ac.in Experience: 15 Yrs Teaching experience: 9 Yrs Date of Joining this Institution (BMSCE): 10/12/2012</p> <p><u>Research Interests:</u> Amorphous semiconductors, Non-volatile RAM/PCM Technology, Solar cells.</p> |
| <p>About Your self</p> | <p>I am from the north eastern part of India and was born in the beautiful state of Tripura. During my schooling and after that was lucky to get a chance to travel to multiple places within India for my education and professional career. Professionally, I am result oriented person and am passionate towards academics and research. My academics and research interest are in the area of smart grid, photovoltaics, non-volatile memory materials etc.. I continue to pursue my research in these areas and am fortunate to secure project funding from different government organizations. I believe in continuous learning and I continue to learn new topics, courses through online training classes like NPTEL. Other than my work, I like to spend time with my family, listen to music, and watching movies.</p> |
| | <p><u>Education:</u> Doctoral Research: PhD from IISc Bangalore in 2012. Masters: M.Tech from Calcutta University in 2004. Bachelors: B.E from Tripura Engineering College (Presently NIT, Agartala) in 2002.</p> |
| | <p>Personal web site/page if any then mention the Webpage link</p> |
| | <p>Selected Publications</p> <ol style="list-style-type: none"> 1. Chandasree Das, M.G. Mahesha, G. Mohan Rao and S. Asokan, 'Electrical Switching and optical studies on Amorphous $Ge_xSe_{35-x}Te_{65}$ Thin films', Thin Solid Films, 520 (2012) 2278-2282. 2. Chandasree Das, G. Mohan Rao and S. Asokan, 'Electrical Switching Behavior of Amorphous $Ge_{15}Te_{85-x}Si_x$ Thin Films Having Phase Change Memory Applications', Materials Research Bulletin, 49 (2014) 388-392. 3. G. Sreevidya Varma, Chandasree Das and S. Asokan, 'Evidence of an intermediate phase in a quaternary Ag bearing telluride glass |

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| | <p><i>system using alternating DSC</i>’, Solid State Communications, 177 (2014) 108-112.</p> <p>4. R.T. Ananth Kumar, Chandasree Das, S. Asokan, C. Sanjeeviraja and D. Pathinettam Padiyan, ‘<i>Optical, photo-acoustic and electrical switching studies of amorphous GeS₂ thin films</i>’, Applied Physics A: Materials Science & Processing, 115 (2014) 1151-1158.</p> <p>5. Diptoshi Roy, Jagannatha K.B, Chandasree Das, ‘<i>Electrical switching and morphological studies on Si₁₅Te₈₄Cu₁ thin film</i>’, Materials Today: Proceedings, 5 (2018) 3052–3055.</p> <p>6. Diptoshi Roy, G Sreevidya Varma, S Asokan, Chandasree Das “<i>Electrical Switching and Optical Bandgap Studies on Quaternary Ag-Doped Ge–Te–In Thin Films</i>”, IEEE Transactions on Electron Devices, 66 (2019) 1881-1886.</p> |
| | <p>Courses Handled/List</p> <ol style="list-style-type: none"> 1. Basic Electrical Engineering (UG) 2. Utilization of Electric power (UG) 3. Electrical Power Generation/Electrical Energy Systems (UG) 4. Electrical and Electronics Engineering Materials (UG) 5. Micro and Smart Systems (UG) 6. AC-DC Drives (PG) 7. Power Electronics in Smart Grid (PG) 8. Renewable energy and photovoltaics (PG) |
| | <p>Additional Responsibilities</p> <p>Mentor for IEEE BMSCE Students Chapter for the year 2014-2016. Advisor IEEE PES BMSCE Student Chapter, from the year 2018 – till date</p> |
| | <p>Other Information:</p> <ol style="list-style-type: none"> I. Fetched Grant <ol style="list-style-type: none"> 1. 18.9 Lakhs Under Young Scientist Scheme, from SERB, Department of Science & Technology, New Delhi (September 2013 to March 2017). 2. One of the Principal Investigators of Centre of Excellence in Advanced Materials research under TEQIP-II (5 Crore project) established in 2014 at BMSCE. II. Professional Bodies Membership: <p style="text-align: center;">IEEE (Senior Member), ISTE (Life Time Member), ISSS (Life Time member)</p> |