

# Annual Report & Audited Statement of Accounts 2021-22



**Institute of Physics  
Bhubaneswar**



7. **Structure assigned optical transitions from single walled carbon nanotube based high absorber composite thin film coatings**  
Sonia Saini, S Reshmi, Girish M Gouda, Kuntala Bhattacharjee; *IOP Conf. Ser.: Mater. Sci. Eng.* 1221 012042, (2022)
8. **In-situ STS studies and first principles calculations on bare and Sn adsorbed UHV exfoliated WS<sub>2</sub> layers**  
Manu Mohan, Vipin Kumar Singh, Mihir Ranjan Sahoo, S Reshmi, Sudipta Roy Barman, Kuntala Bhattacharjee; *IOP Conf. Ser.: Mater. Sci. Eng.* 1221 012046, (2022)
9. **Silver adsorption on monolayer MOS<sub>2</sub> and WS<sub>2</sub>: A first principles study**  
S Reshmi, Mihir Ranjan Sahoo, Kuntala Bhattacharjee; Proceedings of the 65th DAE Solid state physics symposium, Vol 55 (2021), Pg No: 564, ISBN:81-8372-085-4
10. **In-situ STS studies and first principles calculations on the mechanically exfoliated WS<sub>2</sub> layers**  
Manu Mohan, Vipin Kumar Singh, Mihir Ranjan Sahoo, S Reshmi, Sudipta Roy Barman, Kuntala Bhattacharjee; Proceedings of the 65th DAE Solid state physics symposium, Vol 55 (2021), Pg No: 578, ISBN:81-8372-085-4
11. **Corelation between and absorption features and optical transitions from SWCNT based thinfilm coating**  
Sonia Saini, S Reshmi, Girish M Gouda, Kuntala Bhattacharjee; Proceedings of the 65th DAE Solid state physics symposium, Vol 55 (2021), Pg No: 564, ISBN: 81-8372-085-4

### 3.3 Other Publications (by Library Staff)

- **Research on Fake News: An Empirical Analysis of Selected Library and Information Science Journals,**  
Sahoo, J., Sahu, S.C., and Mohanty, B., *DESIDOC Journal of Library & Information Technology*, Vol. 41, No. 4, 455-462, DOI: 10.14429/djlit.41.4.17168 (2021)
- **Research Productivity and Citation Impact of Indian institutes of Science Education and Research,**  
Sahoo, J., Sahu, S.C., and Mohanty, B. *DESIDOC Journal of Library & Information Technology*, Vol. 41, No. 6, 455-462, DOI: 10.14429/djlit.41.6.17069 (2021)

### 3.4. (A) AWARDS / HONOURS AND RECOGNITIONS FACULTY

#### Prof. Shikha Varma

- Endowment Chair Professor, Dr. K. C. Patel Research & Development Center (KRADLE), CHARUSAT, Gujarat : Since 2021

#### Prof. T. Som

- Executive Body Member (Eastern India), Ion Beam Society of India (Continuing)



### Prof. Sanjib K Agarwalla

1. The Prestigious Fulbright-Nehru Academic and Professional Excellence Fellowship (FNAPE) for the year 2021 - 2022
2. Appointed as an Honorary Fellow of the Physics Department, University of Wisconsin-Madison, Madison, USA
3. Associate Membership of the Abdus Salam International Centre for Theoretical Physics (ICTP) for Six Years (2022 to 2027)
4. Featured in the Coffee Table Book titled “75 Scientists under 50” as a part of the Golden Jubilee Celebrations of the Department of Science and Technology (DST), Govt. of India.

### Prof. Shamik Banerjee

- Awarded DST Swarnajayanti Fellowship in the year 2021 in the Physical Science branch.

### Dr. Manimala Mitra

- Received IPPP Diva Award, March 2022

### 3.4 (B) AWARDS / HONOURS AND RECOGNITIONS SCHOLARS

- Vinaykrishnan (student) was appointed as Level-3 Tau-Trigger group convener in CMS collaboration, for two years starting from September 2021.
- Ms. Rojalin Padhan (Ph.D. student) has received prestigious Fulbright-Nehru Doctoral Research Fellowship 2022-2023.

