

PUBLICATIONS/ PROCEEDINGS

- A study on dynamics of lunar dust grains using lunar prospector spacecraft, space studies of the earth-moon system, 39th Cospar scientific assembly, Mysore, July14-22, 2012.
- **S.B Rakesh Chandran**, G Renuka and Chandu Venugopal, Plasma electron temperature variability in lunar surface potentials and in electric field under average solar wind conditions, *Advances in Space Research*. Elsevier, 51, 1622–1626 ,2013.
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- **S.B Rakesh Chandran**, S.R Rajesh, A Abraham, G Renuka and Chandu Venugopal, SEP events and wake region lunar dust charging with grain radii, *Advances in Space Research*. Elsevier, 59, 483-489 ,2017.
- **S.B Rakesh Chandran**, S.R Rajesh, A Abraham, G Renuka and Chandu Venugopal, P Pooja and J. Jeshma, Dynamic theory of charged dust grains above the lunar surface, *TKM Arts College International Journal for Multidisciplinary Research (TIJMR)* Vol. 1 No.2. January, 2019, 35-39, ISSN: 2581-6519
- Abraham Abraham, Renuka Gangadharan, Ligi Cherian, Asha Anie Varghese, **Rakesh Chandran**, Tiju Joseph Mathew, Jim Chacko, Blessy Varghese, Gopika Sreela Vijayan, Ankitha Nandakumar, Lekshmi Sankarapillai, Syamily Prasannan, Vertical variance analysis of geomagnetic disturbance during solar cycle 23, *Indian Journal of Radio & Space Physics*, 49, 2020, 300-309.
- A.P. Sunitha, K. Nayana, M.S. Arya, **S. B. Rakesh Chandran**, Synthesis of SnS Nanoparticles for Next Generation Photovoltaic Applications, (*IJSEAS*) – Volume-7, Issue-9, September 2021, ISSN: 2395-3470
- L.R Asitha, S.Srijith, L.R Aparna, Amirta Ghosh, G Priyadarshini, **S.B Rakesh Chandran** and A.B Amala Chandran, Morphological modification of cobalt oxide nanoparticles using zinc and optical investigation, *AIP Conference Proceedings* **2379**, 030011 (2021); <https://doi.org/10.1063/5.0058224>
- **S.B Rakesh Chandran**, C.L Veenas, L.R Asitha, B Parvathy, K.R Rahimol, A Abraham, S.R Rajesh, A.P Sunitha and G Renuka, Potential-Current characteristics of lunar surface at average solar wind conditions, *Advances in Space Research*. Elsevier (Communicated)

