



JSS MAHAVIDYAPEETHA

# JSS ACADEMY OF TECHNICAL EDUCATION

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**Name of the Department: Engineering Physics**

## List of Publications

- “Preparation of characterization of spray deposited CdTe thin films towards fabrication of low cost hetero-junction solar cells”, **R. Shashidhar**, H D Chandrashekar, Basavaraj Angadi, LCS Murthy, Poornima.P, Journal of Electrochemical Society of India, Vol. 65, Issue:3-4, July-October 2016, pp 230-240.
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- “Optical properties of (TiO<sub>2</sub>)<sub>1-x</sub>-(Al<sub>2</sub>O<sub>3</sub>)<sub>x</sub> Pseudo binary oxides thin films prepared by spray Pyrolysis technique”, H.D.Chandra shekhar, Basavaraja angadi, **R. Shashidhar**, L.C.S.Murthy, and Poornima.P, Materials Today Proceedings, ELSEVIER, Vol. 3, Issue 6, June 2016, pp 2027-2034.
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- “Comparative Analysis of Some Thermo-physical Properties of  $Se_{90}Zn_{10}$  and  $Te_{90}Zn_{10}$  alloys”, **N. choudhary**, Thermochimica Acta) communicated.
- “Double differential cross sections for scattering of  $^{137}Cs$  gamma rays by some steel alloys”, Sankarshan B M, **S. Prasanna Kumar** and T. K. Umesh, International Journal on Research Methodologies in Physics and Chemistry (IJRPC) , Vol 2, Issue 1, (2015), pp 001-004.
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- “Influence of spray deposited  $TiO_2$  film thickness on the performance of  $Au/n-TiO_2/p-Si/Al$  low cost hetero-junction solar cell and its utility as a carrier blocking layer”, **R. Shashidhar** ,Basavaraja angadi, H.D.Chandra shekhar, and L.C.S.Murthy, Solid State Physics AIP Conf. Proc. 1665, 120012-1–120012-3; doi: 10.1063/1.4918119 © 2015 AIP Publishing LLC 978-0-7354-1310-8/\$30.00 120012-pp.1-3.
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