

Refereed Journal Publications:

1. Dastidar, Saikia J., Dubey R. K. and Baruah G. D., "Quantum zeno effect in Bloembergen's three level maser" Scholarly Journals of Biotechnology Vol. 2(3) pp.38-42, March 2013, ISSN 2315-6171
2. Dubey R. K., "Quantum Zeno Effect in Bloembergen's three level maser", Applied Science Research, 4 (1):28-31, 2012, ISSN 0975-508X,
3. Dubey R. K, Baruah,G. D "A study of Absorption and Spatial Hole Burning in Laser action" Archives of Physics Research, 3 (2):84-87, 2012,ISSN : 0976-0970
4. Dubey R. K, Baruah,G. D, "Evidence of self consistency of natural laws appearing in different domains of physical science, " Indian Journal of science" 1(1)58-60 ,2012,
5. Rajkhowa L.K., Hazarika A., Siam C, Dubey R. K. and Baruah G.D, "Spatial Hole Burning And Its Analogy With Some Non-Physics Context" Indian Journal of Energy Vol:1 Issue: 4 Oct. 2012 ISSN: 2278-9278
6. Dubey R. K., "A study of Bloembergen's three level masers and phenomenon of inhibition of transition between quantum states by frequent measurements, Advances in Applied Science Research, 2011, 2 (6):406-409, ISSN: 0976-8610
7. Saikia J., Saikia H., Dubey*R.K. and Baruah,G.D. "Dimensionless Intensity in the Semiclassical theory of Laser, Electric Field inside a Fabry-Perot Cavity and Voltage in a Triode Oscillator Circuit," Archives of Physics Research, 2 (4):11-17, 2011, ISSN : 0976-0970
8. Dubey R. K., "Bloembergen's three level maser in the light of quantum measurement theory" Archives of Physics Research, 2 (4):153-157 , 2011, ISSN : 0976-0970
9. Saikia.J, Dubey R.K. and Baruah .G. D., "Spatial Hole Burning Multiple Reflection and Squeezed State" Archives of Physics Research, 2 (2): 164-170, 2011, ISSN 0976-0970
10. Chetia H. Dubey R.K, .Baruah G.D, "Bose-Einstein Condensation, Atom Laser and Application of Semi Classical theory of Laser to Atom Laser" Journal of Laser and Optical Science vol 1(1) .44-46 (ISSN No.2231-0959),2010
11. Dubey R. K. and Baruah,G.D. "The Role of Entropy in a Leaky Cavity and a comparative study between Einstein approach and Reservoir Theory" Archives of Applied Science Research, 1 (2) 119-127, 2009, ISSN 0975-508X
12. Khatua.P.K.,Dubey R.K. Shahoo S.C., Matin M.S., Kalawate A., "Development of bio-based and exterior grade phenol-animal glue-formaldehyde (PGF) resin adhesive" **International Journal of Polymer Science & Engineering, Vol 1,Issue 1, 16-22,2015**
13. Khatua.P.K.,Dubey R.K. Shahoo S.C., Matin M.S., Kalawate A., "Manufacturing of BWP grade plywood from resin adhesive using animal protein (glue) by partial replacement of phenol" International Journal of Composite Materials and Matrices. **Vol 1,Issue 1, 28-35,2015**

14. Gogogi R , Saikia J, Dubey R. K .and Baruah G D, “**Quantum zeno effect, three level maser and some non physics contexts**” *Asian Journal of Physics* Vol.24, No 1 (2014) 173-179
15. Bordoloi R .B. Bordoloi R, Konwer R, Konwer M, Dubey R K, Saikia J, Baruah D, Konwaar H and Baruah G. D. “**Self consistency of universal laws appearing in different contexts**” *Asian Journal of Physics* Vol. 24, No 1 (2015) 181-187
16. Dubey R.K., Education System:A pen pointing upward is a weapon, “The Light Of Education”2012,1(2),144-147. (ISSN-2277 – 4556).
17. Dubey R.K.,and Talukdar,D.B. “A study on the attitude of girl student of standard VII towards science” *Journal of Women Studies*, vol.2,55-60,2009
18. R.K.Dubey1,* P.K.Khatua1, M.Sannigrahi2 and D. B. Talukdar3 A comparative study on women participation in indian parliamentary Election: voter and contestant., *Int.J.HIT.TRANSC:ECCN.Vol.3: Issue 1A (2017)* Page 122-127 ISSN: 0973-6875
19. Pijus Kanti Khatua*, Himadri Shekhar Das, Rajib Kumar Dubey and Timir Baran Sinha, Jute Fiber Graft Copolymers Euphorbia Latex Composites: Physico-
20. Mechanical Studies, *Int.J.HIT.TRANSC:ECCN.Vol.3: Issue 1A (2017)* Page 110-121 ISSN: 0973-6875
21. S. C. Das1, M.Sannigrahi2 B. Mondal 3 ,R. K. Dubey4 & P. K. Khatua5
22. Status of Open and Distance Mode of Teacher Education in India,International Multidisciplinary e-Journal. ISSN-22774262. SJIF: 5.744 (1-9)
23. M. S. Matin, S. C. Shahoo, G. Roymahapatra,, R. K. Dubey, and P. K. Khatua,
24. Effects of surface treatments of glass fiber on the mechanical properties of composites made from epoxy resin reinforced with wooden veneer-glass hybrid J. Indian Chem. Soc., Vol. 94, April 2017, pp. 1-7.
25. Pijus Kanti Khatua1 . Rajib Kumar Dubey1 . Gourisankar Roymahapatra1 .Anjan Mishra1 . Shadhu Charan Shahoo2 . Aparna Kalawate3Development of Self Fire Retardant Melamine-Animal GlueFormaldehyde (MGF) Resin for the Manufacture of BWR PlyBoard, *Journal of The Institution of Engineers (India): Series D Metallurgical & Materials and Mining Engineering* ISSN 2250-2122
26. M Sannigrahi , R.K Dubey, “Teacher Education: Structure Problems and Suggestion”
27. International Journal of Innovative Practice and Applied Research (IJIPAR) Issue: 5 Vol: 5 [January-june 2016] [ISSN-2349- 8978]
28. Pijus Kanti Khatua,Gourisankar Roymahapatra and Rajib Kumar Dubey
29. JUTE REINFORCED BIO-COMPOSITE USING EUPHORBIA LATEX AS ADHESIVE *International Journal of HIT Transaction on ECCN, Int.J.HIT.TRANSC:ECCN.Vol.2: Issue 2A (2016)* Page 85-89 ISSN: 0973-6875