



**DCT's**  
**Dhempe College of Arts & Science**  
**List of Papers presented 2020-2021**

**Arts Faculty**

1. Rochelle Fernandes presented a paper titled "Understanding Dissent: A Reading of Mahasweta Devi's *Mother of 1084* and Alpa Shah's *Nightmarch*" at the International Webinar "Che Guevara: The Man and the Myth" organised by Carmel College for Women, Goa, in collaboration with the International Relations Department, Goa University on the 27<sup>th</sup> November, 2020.
2. Ms. Rochelle Fernandes presented a paper titled, 'Appreciating Goanidade: A Reading into the complexities of Goan identity' at a National Conference titled, 'Cultural Crossings: Diffusing Borders' organized by Kristu Jayanti College Autonomous, Bengaluru on 10<sup>th</sup> & 11<sup>th</sup> February 2021.

**Science Faculty**

3. Dr.Mamta Kumari presented a paper titled" The solution of volterra integro differential equation of second kind using Shehu transform at International Conference on Advances in Differential Equations and Numerical Analysis.(ADENA-2020) on 12<sup>th</sup> - 15<sup>th</sup> October, 2020 organised by mathematics department of IIT Guwahati.
4. Dr.Trupiti Jadhav, presented a paper titled "Effect of Habitat Quality Improvement on Butterfly Diversity", at two-day, International E-Conference, "Management of Forest and Wildlife Under Changing Climate Scenario", organized by the Department of Zoology, J. D. B. Government Girls College, Kota in Collaboration of National Museum of Natural History, Ministry of Environment, Forest and Climate Change, New Delhi, on 19<sup>th</sup> -20<sup>th</sup> November 2020.
5. Mrs. Annie Rajan presented paper titled "Survey of NLP Resources in Low Resource Languages Nepali, Sindhi and Konkani" at Fifth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2020) held online on 11<sup>th</sup> -12<sup>th</sup> December, 2020.

6. Mrs. Annie Rajan presented a paper titled “Building a Digital Corpus for Natural Language Processing in Konkani Language” at the Fifth Interdisciplinary Ph.D. Research Colloquium (Online) organised by IQAC & Department of German, University of Mumbai on 19<sup>th</sup> December 2020.
7. Mrs. Annie Rajan presented a paper titled “Named Entity Recognizer for Konkani Text” at 5th International conference on Information and Communication Technology For Intelligent Systems (ICTIS) through digital platform on 23rd & 24th April 2021.
8. Mrs. Annie Rajan presented paper titled “Part of Speech (PoS) Tagging for Konkani Language using HMM” at 6th International conference on ICT for sustainable development, Goa on 5th & 6th August 2021.
9. Ms. Ankita Desai, Mrs. Manisha Mhalsekar, Prof. Vrinda Borker & Prof. K.S. Rane presented a research paper (Oral presentation) titled “Abatement of Water Pollutants: Fate of Methylene Blue (16, 10, 5 ppm) in the presence of a catalyst and metal ion under the influence of UV/Sunlight irradiation and Dark condition” at the International Conference on Emerging technologies in water, wastewater treatment and solid waste management (ETWM-2021) organized by Department of Chemistry, Karnatak Law Society’s Gogte Institute of Technology, Belgavi Karnataka in collaboration with Visvesvaraya Technological university, Belgavi on 18<sup>th</sup> - 20<sup>th</sup> March 2020.
10. Dr Manjunath Nayak presented a paper titled “Comparative structures of vitrified and devitrified Silicate glasses with  $\text{LiO}_2\cdot\text{CaO}\cdot\text{Fe}_2\text{O}_3$ ” at the National Conference (Nano-Materials for Environmental Applications (NFEA 2020) organised by PES college, Farmagudi on 28<sup>th</sup> & 29<sup>th</sup> December 2020.
11. Dr Manjunath Nayak presented paper titled “Synthesis of silver nanoparticles using *Ocimum tenuiflorum*” at the DAE- BRNS 8<sup>th</sup> Interdisciplinary Symposium on Material Chemistry (ISMC-2020) during 17<sup>th</sup> – 19<sup>th</sup> June, 2021.