



Notice for the PhD Viva Voce Examination

Mr Venkatesh Babu K P (Registration Number: 1840084), PhD scholar at the School of Sciences, CHRIST (Deemed to be University), Bangalore will defend his PhD thesis at the public viva-voce examination on Monday, 19 June, 2023 at 11.30 am in Room No. 044, Ground Floor, R & D Block, CHRIST (Deemed to be University), Bengaluru - 560029.

Title of the Thesis	:	Numerical Analysis of Durability in High-Temperature Polymer Electrolyte Membrane Fuel Cell Based on Acid-Based Polybenzimidazole Membrane
Discipline	:	Mathematics
External Examiner (Outside Karnataka)	:	Dr D Sangeetha Associate Professor Institute for Energy Studies Department of Mechanical Engineering Anna University, Chennai Tamil Nadu - 600025
External Examiner (Within Karnataka)	:	Dr Anindya Deb Professor Department of Mechanical Engineering Indian Institute of Science Bengaluru - 560012 Karnataka
Supervisor	:	Dr Joseph T V Professor Department of Mathematics School of Sciences CHRIST (Deemed to be University) Bengaluru - 560029 Karnataka
Co-Supervisor	:	Dr Purushothama Chippar Professor Department of Mathematics St Joseph's Engineering College Mangalore – 575028 Karnataka

The members of the Research Advisory Committee, faculty members of the Department and the School, interested experts and research scholars of all the branches of research are cordially invited to attend this open viva-voce examination.

Place: Bengaluru
Date: 15 June 2023


Registrar

ABSTRACT

The prominence revolution took place in the 1980s, and then the Green HRM practices movement blew over the sustainable development literature in the 1990s. According to Mishra (2017), Green HRM is a tactical instrument for arranging human resource competences and promoting ideas that motivate businesses to embrace sustainable strategies. The proposed conceptual model in this study analyses the impact of green HRM practices on sustainable performance. Additionally, the model also examines how Organizational citizenship behaviour for the environment mediates in the above mentioned relationship. The analysis of the collected data was carried out in IBM SPSS and R studio. R was used for both the testing of the model and the test for mediation. Both of these tests were successful. The findings of the study are in line with literature and show that green HRM practices are positively correlated to organisational sustainable performance. The Organizational citizenship behaviour for the environment perfectly mediates the relation between green HRM and sustainable performance.

Keywords: *Green HRM, Sustainable performance, Green hiring, Green training and development, Green performance management and appraisal, Green employee involvement, Organizational citizenship behaviour for the environment, Environmental Performance,*

Publications:

1. **Yadav, P., & Mathew, J. (2022).** Educational Perspective & Antecedental Outcomes of Green HRM for Employee's Sustainable Behaviour. *Journal for ReAttach Therapy and Developmental Diversities*, 5(1s), 95-101.
2. **Yadav, P., & Mathew, J. (2023).** Improving Organizational Environmental Performance Through Green Training. In *Implications of Industry 5.0 on Environmental Sustainability* (116-131). IGI Global.