

## Notice for the PhD Viva Voce Examination

Mr Genimon V Joseph (Reg. No. 1620072), PhD scholar at CHRIST (Deemed to be University), will defend his PhD thesis at the public viva-voce examination on Wednesday, 21 July 2021 at 11.00 am on the WebEx Meeting platform.

- Title of the Thesis** : **Influence of Technology Readiness and Technology Barriers on Technology Adoption by Teachers**
- Discipline** : **Management**
- External Examiner** : **Dr S Mahalingam**  
(Outside Karnataka) Professor  
Bharathiar School of Management & Entrepreneur  
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Marudhamalai Road  
Bharathiyar University  
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- External Examiner** : **Dr S John Manohar**  
(Within Karnataka) Professor & Head - MBA  
K S School of Engineering & Management  
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Bengaluru – 560019  
Karnataka
- Supervisor** : **Dr Kennedy Andrew Thomas**  
Professor  
School of Education  
CHRIST (Deemed to be University)  
Bengaluru - 560029  
Karnataka

The members of the Research Advisory Committee of the Scholar, the 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.



**Registrar**

**Place:** Bengaluru  
**Date:** 15 July 2021

## ABSTRACT

This research is on Technology Adoption of HSS teachers. Based on the detailed review of the literature, the research question is formulated as how the Technology Adoption is influenced by Technology Readiness, Technology Exposure, Technology Anxiety, Technology Barriers, and Technology Use among Higher Secondary School teachers. This descriptive study titled 'Influence of Technology Readiness and Technology Barriers on Technology Adoption by Teachers' was conducted among the Higher Secondary School teachers of Kerala, India. The structured questionnaire was used to gather 1029 data form six educational districts in cluster sampling model. Data analysis was done as per the research objectives, and hypotheses were duly tested. The data were coded, secured, and personal identification details were not used at any stage of this study. Statistical packages were used for data analysis and hypothesis testing.

The present study identified a well-maintained technology infrastructure at HSS schools of Kerala. Demographic factors were not made significant differentiation among teachers. Technology Adoption and its predictors were correlated and influenced others. The Technology Anxiety and Technology Barriers of the teachers negatively influenced their Technology Adoption process. The Technology Barriers reduced with the Technology Readiness and Technology Exposure. The Technology Anxiety and Technology Barriers of the teachers partially mediated their Technology Readiness to Technology Adoption process. Technology Use has a positive mediatory influence on the Technology Adoption process. The Technology Anxiety and Technology Barriers mediated the Technology Exposure to Technology Adoption. The implications of this research are very relevant and helpful in strategic digital technology formulation at educators, institute and government levels. Further researches may be conducted in an extended manner with respect to the post Covid-19 Technology Adoption process.

*Keywords: Technology Adoption, Technology Readiness, Technology Exposure, Technology Anxiety, Technology Barriers, Technology Use.*