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Notice for the PhD Viva Voce Examination

Mr Ranjit Singha, Registration Number: 1981004, PhD Scholar at the School of Psychological Sciences, CHRIST (Deemed to be University), will defend his PhD thesis at the public viva-voce examination on Thursday, 26 November 2026, at 11.00 am in IDEA NEXUS, 2nd Floor, Auditorium Block, Bangalore Bannerghatta Road Campus, CHRIST (Deemed to be University), Bengaluru - 560076, Karnataka, India.

Title of the Thesis	:	**Development and Validation of a Multidimensional Addiction Behaviour Scale**
Discipline	:	**Psychology**
External Examiner - I	:	**Dr Johnson Alex** Associate Professor School of Behavioural Sciences Kannur University Mangattuparamba Campus Kannur, Kerala – 670567
External Examiner - II	:	**Dr Tushar Singh** Professor Department of Psychology Faculty of Social Sciences Banaras Hindu University Varanasi - 221005 Uttar Pradesh
Supervisor	:	**Dr Yogesh Kanna S** Assistant Professor School of Psychological Sciences Bangalore Bannerghatta Road Campus CHRIST (Deemed to be University) Bengaluru – 560076 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–voce examination.

Registrar (Academics)

Place: Bengaluru
Date: 07 November 2026

ABSTRACT

The present study describes the systematic development and psychometric validation of the Multidimensional Addictive Behaviour Scale (MABS). The MABS was developed to assess multidimensional addiction-related functioning, including vulnerability factors, maintenance processes, protective influences, behavioural regulation, and recovery-related dimensions associated with addictive behaviours. Based on an integrative theoretical formwork drawing on the Biopsychosocial Model, Cognitive-Behavioural Theory, Self-Determination Theory, the theory of Planned Behaviour, Social Learning Theory, Incentive -Sensitization Theory, neuroeconomics models, and contemporary perspective on neuroplasticity, the MABS was developed to assess multidimensional addiction-related functioning. The scale was developed through systematic item generation, expert validation using the Content Validity Ratio (CVR), and pilot testing. EFA initially identified a 10-factor structure representing psychological, behavioural, social, and health-related dimensions of addiction. Subsequent confirmatory factor analysis (CFA), conducted on a sample of 1,130 participants using AMOS, supported a refined seven-factor model comprising Selflessness, Social Support (SS), Peer Pressure and Smoking, Focus and Composure (FC), Quit Support Smoking, Digital and Behavioural Control, and Beverage Control. The final model demonstrated satisfactory psychometric properties and excellent fit indices (CMIN/df = 2.723, RMSEA = 0.039, CFI= 0.951, and TLI = 0.944) providing strong evidence for the validity and structural adequacy of the MABS. The scale demonstrated strong psychometric properties, including satisfactory internal consistency (IC), composite reliability (CR), convergent validity (AVE $\geq$ 0.50 for most constructs), discriminant validity (HTMT < 0.85), and split-half reliability coefficients ranging from 0.647 to 0.824. Evidence of criterion-related validity was demonstrated through meaningful associations between MABS subscales and relevant external clinical and behavioural indicators. This research contributes to the development of a culturally relevant and comprehensive instrument for addiction assessment that reflects the evolving multidimensional conceptualization of addiction. The validated MABS serves as a valuable tool for clinicians, researchers, and policymakers seeking comprehensive approaches to addiction screening, assessment, prevention, and intervention.

Keywords: Addiction assessment, behavioural addictions, confirmatory factor analysis, Multidimensional Addiction Behaviour Scale, psychometric validation, scale development

Publications:

1. **Singha, R.** & Yogesh, K. S. (2025). Crafting and Validating a Multidimensional Addiction Behaviour Scale: Foundations for Robust Academic Research in Higher Education. In A. Mdikana (Ed.), *Enhancing Research for Academicians in Higher Education* (pp. 273-290). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3693-4496-5.ch014
2. **Singha, R.** & Yogesh, K. S. (2025). Qualitative Instrumentation Field Tests and Expert Panel Reviews: A Focus on the Multidimensional Addiction Behaviour Scale (MABS) for Dissertation Research. In R. Throne (Ed.), *Qualitative Research Methods for Dissertation Research* (pp. 547-580). IGI Global Scientific Publishing.
3. **Singha, R.** & Yogesh, K. S. (2025). Peer Influence on Students' Online Addiction Behaviours: Implications for Prevention Strategies Through Multidimensional Addiction Behaviour Scale. In T. Touloupis, A. Sofos, and A. Vasiou (Eds.), *Students' Online Risk Behaviours: Psychoeducational Predictors, Outcomes, and Prevention* (pp. 1-20). IGI Global Scientific Publishing.https://doi.org/10.4018/979-8-3693-4191-9.ch001
4. **Singha, R.**, & Yogesh, K. S. (2025). Empowering Student Voices: Compassion, Mindfulness, and Addiction Awareness Through Multidimensional Addiction Behaviour Scale. In M. Rahmat and A. Osborne (Eds.), *Pedagogies of Compassion and Care in Education* (pp. 397-428). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3693-3613-7.ch017