

Technical Programme : Theme - Science Education RESCON 2024

Saturday, 2nd November 2024

10:30 am - 12:30 pm	Session ID		Session Chairs		Location
	SE 1		Prof. Priyanka de Silva depriyanka@sci.pdn.ac.lk		B3.1
			Prof. Sakunthala Yatigammana sakuyatigammana@gmail.com		
	Time	Abstract ID	Title		Presenter
	10:30 - 10:45	31	IMPACT OF DIFFERENT TEACHING METHODS ON INTRINSIC MOTIVATION, SELF-CONCEPT AND ACHIEVEMENT IN SCIENCE: A CASE STUDY OF GRADE 6 STUDENTS AT A 1AB SCHOOL IN THE DEHIOWITA EDUCATION ZONE, SRI LANKA		N.W.L. Narangoda
	10:45 - 11:00	146	STUDENTS' COMPETENCY IN EXPLAINING SCIENTIFIC PHENOMENA AND ACADEMIC PERFORMANCE: A CASE STUDY OF ADVANCED LEVEL SCIENCE STUDENTS IN KANDY EDUCATIONAL ZONE, SRI LANKA		B.R.M.A.S.M. Rathnayake
	11:00 - 11:15	33	ENHANCING ACHIEVEMENT IN SCIENCE THROUGH INTRINSIC MOTIVATION AND CONCEPT MAPPING: AN ACTION RESEARCH STUDY FOR GRADE SIX STUDENTS		N.W.L. Narangoda
	11:15 - 11:30	256	MENSTRUAL HYGIENE AMONG SCHOOL CHILDREN IN SOUTH ASIA: AWARENESS, PRACTICES AND CONSTRAINTS		A.A.D. Jayasundara
	11:30 - 11:45	260	TEACHERS ROLE IN ENHANCING STUDENTS' ACADEMIC PERFORMANCE AND BEHAVIOURS		M.A.A. Hakeem
	11:45 - 12:00	47	IMPROVING CLASSROOM BEHAVIOURS THROUGH INTRINSIC MOTIVATION: AN ACTION RESEARCH ON MOTIVATING GRADE EIGHT SCIENCE STUDENTS		N.W.L. Narangoda
12:00 - 12:15	187	FOSTERING EDUCATION FOR ENVIRONMENTAL SUSTAINABILITY: LEVEL OF COMPETENCIES ON REDUCING ENVIRONMENTAL POLLUTION OF JUNIOR SECONDARY STUDENTS IN SRI LANKA		T.I.S.S. Liyanage	
12:15 - 12:30	67	IMPACT OF AI-DRIVEN TOOLS AND PERSONALIZED LEARNING PLATFORMS ON SCIENCE EDUCATION IN HIGHER EDUCATION INSTITUTIONS		K. Balasritharan	
Panel Discussion					

LUNCH BREAK

2:15 pm - 4:15 pm	Session ID		Session Chairs		Location
	SE 2		Prof. Pushpa Vitharana pushpak@arts.pdn.ac.lk		B3.1
			Prof. Sumedha Madawala sumedha.madawala@sci.pdn.ac.lk		
	Time	Abstract ID	Title		Presenter
	2:15 - 2:30	141	SOCIAL AND CULTURAL BARRIERS IN IMPLEMENTING 21st CENTURY SKILLS IN EDUCATION SYSTEMS IN ASIAN COUNTRIES		P. L. A. K Gunarathna
	2:30 - 2:45	106	TEACHERS' PERCEPTIONS ON UTILIZING SMALL-SCALE CHEMISTRY ACTIVITIES TO TEACH SECONDARY SCHOOL SCIENCE EDUCATION IN SRI LANKA		T.M.L.P. Bandara
	2:45 - 3:00	107	EFFECTIVE PROFESSIONAL DEVELOPMENT STRATEGIES FOR SCIENCE TEACHERS IN SECONDARY EDUCATION IN SRI LANKA		K. Balasritharan
	3:00 - 3:15	118	ENHANCING STUDENTS' 21ST CENTURY SKILLS THROUGH MODULAR STEM ACTIVITIES: A NEW CURRICULUM REFORMS IN SRI LANKA		M.S. Wickramasinghe
	3:15 - 3:30	213	EFFECT OF DIFFERENT TEACHING METHODS ON STUDENTS' PERFORMANCE IN THE ELECTRONIC SECTION OF G.C.E. ORDINARY LEVEL SCIENCE: CASE STUDY OF STUDENTS FROM NUWARA ELIYA DISTRICT, SRI LANKA		S.N. Weerasingha
	3:30 - 3:45	114	EFFECTIVENESS OF INQUIRY-BASED LEARNING STRATEGIES IN TEACHING SCIENCE CONCEPTS TO SECONDARY SCHOOL SCIENCE STUDENTS IN SRI LANKA		K. Balasritharan
3:45 - 4:00	154	PROBING STUDENTS HIGHER ORDER THINKING SKILLS IN GRADE 13 CHEMISTRY: A CASE STUDY FROM KANDY EDUCATION ZONE, SRI LANKA		S. Visvanathan	
4:00 - 4:15	88	AWARENESS AND PERCEPTIONS OF ARTIFICIAL INTELLIGENCE (AI) TOOLS: A CASE STUDY OF UNDERGRADUATES IN THE FACULTY OF ARTS, UNIVERSITY OF PERADENIYA, SRI LANKA		Kajananth Chaumika	
Panel Discussion					