

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 | 33 | ENHANCING ACHIEVEMENT IN SCIENCE THROUGH INTRINSIC MOTIVATION AND CONCEPT MAPPING: AN ACTION RESEARCH STUDY FOR GRADE SIX STUDENTS | | N.W.L. Narangoda | |
| | 11:00 - 11:15 | 47 | IMPROVING CLASSROOM BEHAVIOURS THROUGH INTRINSIC MOTIVATION: AN ACTION RESEARCH ON MOTIVATING GRADE EIGHT SCIENCE STUDENTS | | N.W.L. Narangoda | |
| | 11:15 - 11:30 | 141 | SOCIAL AND CULTURAL BARRIERS IN IMPLEMENTING 21st CENTURY SKILLS IN EDUCATION SYSTEMS IN ASIAN COUNTRIES | | P. L. A. K Gunarathna | |
| | 11:30 - 11:45 | 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 | |
| 11:45 - 12:00 | 256 | MENSTRUAL HYGIENE AMONG SCHOOL CHILDREN IN SOUTH ASIA: AWARENESS, PRACTICES AND CONSTRAINTS | | A.A.D. Jayasundara | | |
| 12:00 - 12:15 | 260 | TEACHERS ROLE IN ENHANCING STUDENTS' ACADEMIC PERFORMANCE AND BEHAVIOURS | | M.A.A. Hakeem | | |
| 12:15 - 12:30 | 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 | | |
| | | Panel Discussion | | | | |

LUNCH BREAK

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|-------------------|-------------|--|---|--|--------------------|----------------------------|
| 2:15 pm - 4:15 pm | Session ID | | Session Chairs | | Location | |
| | SE 2 | | Prof. Pushpa Vitharana pushpak@arts.pdn.ac.lk | | | B3.1 |
| | TBA | | | | | |
| | | | | | | |
| | Time | Abstract ID | Title | | | Presenter |
| | 2:15 - 2:30 | 67 | IMPACT OF AI-DRIVEN TOOLS AND PERSONALIZED LEARNING PLATFORMS ON SCIENCE EDUCATION IN HIGHER EDUCATION INSTITUTIONS | | | K. Balasritharan |
| | 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 | | | Kandiah Bala Balasritharan |
| | 3:00 - 3:15 | 114 | EFFECTIVENESS OF INQUIRY-BASED LEARNING STRATEGIES IN TEACHING SCIENCE CONCEPTS TO SECONDARY SCHOOL SCIENCE STUDENTS IN SRI LANKA | | | Kandiah Bala Balasritharan |
| | 3:15 - 3:30 | 118 | ENHANCING STUDENTS' 21ST CENTURY SKILLS THROUGH MODULAR STEM ACTIVITIES: A NEW CURRICULUM REFORMS IN SRI LANKA | | | M.S. Wickramasinghe |
| 3:30 - 3:45 | 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 | |
| 3:45 - 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 | | | | |