



**ANNUAL RESEARCH SESSION-2023
FACULTY OF SCIENCE
EASTERN UNIVERSITY, SRI LANKA**

Technical Session Schedule – ARS-FOS-2023 (04.10.2023)

**SESSION 1: DISSEMINATION OF EXAMINED UNDERGRADUATE RESEARCH
(11.00am)**

Location: Board Room, EUSL

Meeting Link: <https://tinyurl.com/yvr6ksx9>

Meeting ID: 684 1595 0431

Meeting Passcode: Ars@2023

Chairperson: Prof. A. G. Johnpillai

Evaluator for Best Presenter: Prof. P. Iyngaran & Prof. T. Eswaramohan



Time	Abstract ID	Abstract title and authors name
11.00 – 11.20 am	ARS-FOS-2023-RR01	<i>Plankton composition and water quality analysis of Batticaloa lagoon at solid waste dumping site, Eravur</i> Ashraf Nisa, M.M., Vinobaba, P. and Harris, A.J.M.
11.20 – 11.40am	ARS-FOS-2023-RR02	<i>Biology of Paederus beetle: its victim perception and control measures at the Eastern University premises.</i> Kalansooriya, A.S.N. and Vinobaba, M.
11.40 – 12.00 noon	ARS-FOS-2023-RR03	<i>Study the presence and characterization of microplastics By Oreochromis niloticus in two different locations of Batticaloa Lagoon</i> Wickramapala, K.A.S.M. and Vinobaba, P
12.00 – 12.20 pm	ARS-FOS-2023-RR04	<i>Preparation and characterization of chitin-clay bio nanocomposites for various applications</i> Athuraliya, A. S. S., Koneswaran, M. and Janarthani, L.

SESSION 2: MATHEMATICS, COMPUTER SCIENCES AND ICT (1.30 pm)

Location: CICT, EUSL

Meeting Link: <https://tinyurl.com/4wctjwcx>

Meeting ID: 679 6875 2699

Meeting Passcode: Ars@2023

Chairperson: Prof. S. Thirukkanesh

Evaluator for Best Presenter: Dr.T.Mathanaranjan



Time	Abstract ID	Abstract title and authors name
1.30 -1.45 pm	ARS-FOS-2023-A02	<i>Study of Neutrosophic b-open sets in Neutrosophic topological spaces</i> Malkanathi, D.M.S. and Elango, P.
1.45 – 2.00 pm	ARS-FOS-2023-A04	<i>Stationary Fuzzy Pseudo metric space and its properties</i> Kajan, N. and Kannan, K.
2.00 – 2.15 pm	ARS-FOS-2023-A07	<i>Chromatic number based on incidence coloring for cycles</i> Dilshan, M. M. C. and Perera, A. A. I.
2.15 -2.30 pm	ARS-FOS-2023-A10	<i>Linearizing invertible point transformation for a nonlinear second-order ordinary differential equation arising in epidemiology</i> Weerakoon, W. M. R. D. and Johnpillai, A. G.
2.30 – 2.45 pm	ARS-FOS-2023-A16	<i>Yawning Detection Prediction System for Driver Drowsiness using Residual Network</i> Goshihan. B. and Sotheeswaran, S.
2.45 – 3.00 pm	ARS-FOS-2023-A18	<i>Constructing Holomorphic Type Functions of 3-D from Their Real Type or Imaginary Type Parts without the Cauchy-Riemann type Relations.</i> Gunasekara Y. M. N. S. and Thayamathy P. J. N.

SESSION 3: BIOLOGICAL SCIENCES (1.30pm)

Location: Board Room, EUSL
Meeting Link: <https://tinyurl.com/yvr6ksx9>
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Chairperson: Dr. (Mrs) M. Vinobaba
Evaluator for Best Presenter: Prof. T. Eswaramohan



Time	Abstract ID	Abstract title and authors name
1.30 -1.45 pm	ARS-FOS-2023-A05	<i>In vitro anti-inflammatory activity of Sri Lankan red Seaweed Gracilaria edulis</i> Gunathilaka M.D.T.L., De Silva W.A.R., Kumarasinghe H.S., Samarakoon K.W. and Ranasinghe P.
1.45 – 2.00 pm	ARS-FOS-2023-A14	<i>Microplastic Abundance and its Relationship with Environmental Factors at Beaches Along Northern Sri Lanka</i> Shobiya, G., Sivashanthini, K., Grøsvik, B. E. and Amarathunga, A.A.D.
2.00 – 2.15 pm	ARS-FOS-2023-A15	<i>Domestic Dogs as Reservoir Hosts for Leishmania donovani: A Case from the Polonnaruwa District, Sri Lanka</i> Karunarathna, D. M. N. P., Udayanga, N. W. B. A. L., Ganehiarachchi, G.A.S.M., Kumarawansa, W.K.W.S., Vinobaba, M., Kanesharatnam, N. and Ranathunge, R. M. T. B.

SESSION 4: PHYSICAL SCIENCES (2.30pm)

Location: Board Room, EUSL
Meeting Link: <https://tinyurl.com/yvr6ksx9>
Meeting ID: 684 1595 0431
Meeting Passcode: Ars@2023
Chairperson: Prof. M. Sithambaresan
Evaluator for Best Presenter: Prof. P. Iyngaran



Time	Abstract ID	Abstract title and authors name
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2.30 – 2.45 pm	ARS-FOS-2023-A03	<i>An Anti-Sitophilus oryzae Bioactive Substance's Identification And Analysis From Plant Extracts</i> Sivaranjan, T. and Haroon, M.H.
2.45 -3.00 pm	ARS-FOS-2023-A11	<i>Adsorption of heavy metals (Cu²⁺ & Cd²⁺) from aqueous solutions by using “Sri Lankan wild mango” (Mangifera zeylanica) seed</i> Mudalige, N. and Arasaretnam, S.
3.00 -3.15 pm	ARS-FOS-2023-A13	<i>Removal Of Cd(II) From Aqueous Solutions Using Activated “Pandan” (Pandanus Amaryllifolius) Leaves</i> Madushan, L. L. W. D. and Arasaretnam, S.

CONCLUDING REMARKS (3.30pm)

Location: Board Room, EUSL

Meeting Link: <https://tinyurl.com/ymr6ksx9>

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Time: 3.30pm

By: Dr. K. Premakumar

