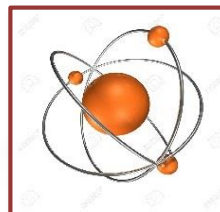


### *In this issue...*

#### *Faculty of Science at Glance*

- *Appointments*
- *Promotions of staff*
- *Awards*
- *Postgraduate studies in progress*
- *Research publications*
- *Flash news*
- *International participations*
- *Community outreach programme – COSU*
- *Staff contribution outside the university*
- *Ceremonial opening of molecular biology lab*
- *Students' community outreach programme*
- *Faculty day celebrations 2018*
- *Interfaculty sports meet 2018*



## Students Population 2018

Year	Bio Science			Physical Science			Total
	Male	Female	Total	Male	Female	Total	
Year 1 (2016/2017)	22	57	79	61	56	117	196
Year 2 (2015/2016)	04	32	36	36	30	66	102
Year 3 (2014/2015)	13	37	50	48	28	76	126
Year 4 (Special)	07	34	41	07	14	21	62
<b>Total</b>	<b>46</b>	<b>160</b>	<b>206</b>	<b>152</b>	<b>128</b>	<b>280</b>	<b>486</b>

Source: Dean, Science 2018

## Academic Strength 2018: Highest Qualification

Status	Departments					Total
Qualification	Botany	Chemistry	Mathematics	Physics	Zoology	
PhD	04	03	04	05	02	18
MPhil	01	01	06	-	01	09
MSc	01	-	-	-	-	01
BSc (Hons)	-	01	04	-	03	08
Grade						
S. Professor	01	-	-	-	01	02
Professor		-	02	01	-	03
Senior (Gr. I)	04	04	03	02	02	15
Senior (Gr. II)	-	-	05	02	-	07
Lecturer	-	-	-	-	-	-
Lecturer (Prob.)	01	01	04	-	03	09

## Degree Programme offered 2018

BSc (General)

BSc (Special) – Botany, Chemistry, Computer Science, Mathematics, Physics and Zoology

Master of Science – Science Education, Environmental Sciences

Master of Philosophy (MPhil)

Doctor of Philosophy (PhD)

**Diploma:** Laboratory Technology

## Faculty Publication

**Journal of Science (JSc)** –Double blind, refereed journal, Print ISSN: 1391-586x, E-ISSN: 2602-9030. The Journal will be published biannually (March and September), and Open access. <http://www.fsc.esn.ac.lk/JSC/index.html>

**Blossom** – An annual publication by the Faculty Students Union.**FOSnews Newsletter** – A biannual publication by the Faculty

**Faculty of Science** is one of the pioneer faculties established in 1981, under the Batticaloa University College.

## Vision

To be a National Centre of excellent for higher learning and research with the competitive advantage, responsive to the dynamics of the regional, national and global conditions.

## Mission

To be a National Centre for Excellent in teaching and research. Our teaching and research are geared to regional and national needs.

## Contacts

**Dr (Mrs) M Vinobaba**

Dean

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Head/Zoology

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## Department of Botany



Mrs. K. Kaveevendan has been appointed as Lecturer (Prob.) in Botany, Department of Botany with effect from 05.02.2018



Dr T Mathiventhan has been appointed as the Secretary of the Ethical Review Committee (ERC), Eastern University, Sri Lanka

## Department of Chemistry



Dr S Arasaretnam has been appointed as Director/Staff Development Centre (SDC), EUSL with effect from November 2018 to November 2019

## Department of Mathematics



Dr. T. Ealasukanthan has been appointed as *Senior Lecturer (Gr. II)* in Mathematics, Department of Mathematics with effect from 05.09.2018.

**Research interest:** Mathematical Biology & Medicine, Biological Waves & Pattern Formation



Miss. V. Thushika has been appointed as *Lecturer (Prob.)* in Computer Science, Department of Mathematics with effect from 02.07.2018



Mrs. S. Partheepan has been appointed as *Lecturer (Prob.)* in Computer Science, Department of Mathematics with effect from 02.07.2018

## Department of Physics



Dr Q Y Saundararajah has been appointed as Director/Centre for External Degree and Extension Courses (CEDEC), EUSL with effect from **November 2018 to November 2019**

## Department of Zoology



Ms. W. M. Lakshani Sewwandi Weerasekara has been appointed as *Lecturer (Prob.)* in Zoology, Department of Zoology with effect from 20.08.2018



Ms. K. Nilani has been appointed as *Lecturer (Prob.)* in Zoology, Department of Zoology with effect from 01.08.2018



Senior Professor P Vinobaba has been appointed as the President of the Ethical Review Committee (ERC), Eastern University, Sri Lanka





Prof. T. Jayasingam has been promoted to *Senior Professor of Botany*, Department of Botany with effect from 31.05.2017



Mrs. S. Sathaananthan has been promoted to *Senior Lecturer Gr. I* in Mathematics, Department of Mathematics with effect from 01.02.2017



Prof. P. Vinobaba has been promoted to *Senior Professor in Zoology*, Department of Zoology with effect from 22.09.2017



Mr. K. A. N. K. Karunarathna has been promoted to *Senior Lecturer Gr. II* in Statistics, Department of Mathematics with effect from 27.09.2017



Dr. F. C. Ragel has been promoted to *Professor of Physics*, Department of Physics with effect from 21.12.2017



Dr. P. Rodney Fernando has been promoted to *Senior Lecturer Gr. II* in Physics, Department of physics with effect from 19.03.2018

## Awards....

The Faculty of Science submitted the proposal for **ELTA-ELSE** grants under Accelerating Higher Education Expansion and Development (AHEAD) for the year 2019-2021.

**Professor S. Thirukkanesh**, Department of Mathematics, received **National Research Council Investigator Driven Grants 2018** for a research entitled "Modeling and description of compact astrophysical objects using Einstein's field equations".

**Professor F.C Ragel**, Department of Physics, is a co-investigator for the research.

**M. Harris** and **Snr. Prof. Vinobaba** received **NRC merit award for Scientific Publication** given by National Research Council.

## Postgraduate studies at the Faculty – by Research

**Research Title:** **Spatial distribution and Carbon storage potential of salt marsh vegetation in the Northern Province, Sri Lanka**

**Degree:** MPhil (leading to PhD)

**Supervisors:** Senior Professor T Jayasingam and Dr T Mathiventhan, Department of Botany

**Research Title:** **Spatial distribution, temporal dynamics and species distribution modelling for shrub vegetation in Batticaloa district, Sri Lanka**

**Degree:** MPhil (leading to PhD)

**Supervisors:** Senior Professor T Jayasingam and Dr T Mathiventhan, Department of Botany

**Research Title:** **Modeling and description of compact astrophysical objects using Einstein's field equations**

**Degree:** MPhil

**Supervisors:** Professor S Thirukkanesh, Department of Mathematics and Professor F C Ragel, Department of Physics

**Research Title:** **Influence of gender on level of heavy metals (pb, hg, zn, as, cd and sn) in the tissue of selected edible estuarine fish and shellfish species in batticaloa lagoon during dry weather condition**

**Degree:** PhD

**Supervisors:** Senior Professor P Vinobaba, Department of Zoology



## Research Articles

1. **Mathiventhan T., Jayasingam T. and Umaramani M.** (2018). Salinity would be an option to control *Eichhornia crassipes* (Mart.) Solms [Water Hyacinth]: Sri Lanka perspective. *Tropical Plant Research*, The Journal of the Society for Tropical Plant Research, 5(3): 331-335. DOI: [10.22271/tpr.2018.v5.i3.041](https://doi.org/10.22271/tpr.2018.v5.i3.041)
2. **Mathiventhan. T. and Jayasingam T.** (2018). Geomorphological Changes along the East coast of Sri Lanka. *International Journal of Research Studies in Biosciences (IJRSB)*, 6(7): 6-12. DOI: <http://dx.doi.org/10.20431/2349-0365.0607002>
3. **Mathiventhan T., Jayasingam T. and Umaramani M.** (2018). Urban mangrove wetlands, challenges and conservation: Sri Lanka perspectives. *International Journal of Research Studies in Bio Sciences*, 6(3): 23-26. DOI: <http://dx.doi.org/10.20431/2349-0365.0603005>
4. **Mathiventhan, T.** (2018). Are we interested to conserve our valuable ecosystems? Sathurukondan, an urban wetland in Batticaloa, would disremember in near future... Sath Samudura, Marine Environment Protection Authority, 19-21.
5. **Harris, J.M., Kularatne, R.K.A., Vinobaba, P., Kankanamge, C.E.** (2018). Heavy metal bioaccumulation and Fulton's K condition indices in *Scylla serrate* (Forskål) in relation to sex. *International Journal of Environmental Science and Technology (Springer)*, 16(1):201-210: <https://doi.org/10.1007/s13762-018-1653-7>
6. **Harris, J.M., Kularatne, R.K.A., Vinobaba, P., Kankanamge, C.E.** (2018). An assessment of heavy metal levels in brackish water shrimps: Impact on sexes and the relationship between metal pollution index and Fulton's K condition indices, Human and Ecological Risk Assessment: An International Journal (Tylor and Francis). <https://doi.org/10.1080/10807039.2018.1478717>
7. **Thanushanth, S, Kishoran, S, Harris, J.M, Muthulaxmi, V. and Vinobaba, P.** (2018). Avifaunal diversity and composition of Vellakattukulam, Batticaloa district, Sri Lanka. *International Journal of Humanities, Arts, Medicine and Sciences*. 6(7):45-52
8. **Mahendranathan C. and Thayaruban T.,** (2018). Evidences of Heavy Metal Contamination & their Consequences in Sri Lanka with Special Reference to Agriculture: A Review. *International Journal of Research in Agriculture and Forestry*. 5(8):14-20.
9. **Mahendranathan C., A.K.H Priyashantha** (2018). Biotic Elicitors in Inducing Disease Resistance in Plants against Pathogen Infection: A Review. *The Saudi Journal of Life Sciences*. 3(11): 650-654
10. **Mahendranathan C. and Kishani G. S.** (2018) Assessing the drinking water Quality of locally available bottled water in Batticaloa District, Sri Lanka. *International Journal of Research in Medical and Basic Sciences*. 4(10): 16-29

## Symposiums/ Conferences

1. **Thayananth S., Jayasingam T and Mathiventhan T** (2018). Supervised classification of Sri Lankan coastal vegetation of Batticaloa district: Digital baselines for climate change monitoring. *The 3rd Digital Belt and Road Conference (DBAR)*, 5-7 December 2018, Tengchong, Yunnan, **China**.
2. **Krishanthiny K. and Mathiventhan U.** (2018). Antioxidant and mineral analysis of selected wild green leafy vegetables available in Batticaloa. *Asian symposium on Medicinal Plant, Spices and their Natural Products*, XVI 12-14, December 2018, BMICH, Colombo, **Sri Lanka**
3. **Mahendranathan C. and Kothai K.** (2018). Turmeric (*Curcuma longa*) treatment as an Eco-friendly management in reducing the postharvest diseases of mango (*Mangifera indica* L.). *3rd World Congress on Medicinal Plants & Natural Products Research and Pharmaceutical Education*, September 28 - 29, 2018, Chicago, **USA**
4. **Mathiventhan T. and Priyashantha H.A.K.** (2018). Proposed industrial aquaculture Park (PIAP) and its possible social impacts at Vaharai, Sri Lanka. *Second International Scientific Conference on Environmental Research: Issues, Challenges and Strategies for Sustainable Development and livelihood Security*, 13 August 2018, The Maldives National University, **Male**, p13.
5. **Mahendranathan C. and Adikaram N K B.** (2018). Enhancing the constitutive resistance in *Capsicum annuum* L. fruits against anthracnose development. Proceeding of the *International Congress of Plant Pathology -2018 (ICPP2018)*, Boston, **USA**, 29th of July to 3rd of August, 2018.
6. **Mahendranathan C.** (2018). The Evidences of Elevated Heavy Metal Accumulation in Food crops, Soil and Irrigation Water in Sri Lanka. Proceeding of the *International Conference on "Microbial Technology for Better Tomorrow (ICMTBT-2018)*. Dr. D. Y. Patil, New Arts, Commerce and Science College, Maharashtra, **India**, Maharashtra, India. 17-19, February 2018.
7. **Mahendranathan C.** (2018). Impact of deficit irrigation on the postharvest quality of Sweet pepper (*Capsicum annuum* L.) Proceeding of the *International Conference on "Nanotechnology for Human Welfare (CNHW-2018)*, Harribhai V. Desai College, Maharashtra, **India**, 1-3, February 2018.
8. **Sumuthuni, S., Kishoran, S., Harris, A.J.M. and Vinobaba, P.** (2018). Preliminary study on the diversity of seaweed at Vandalous bay in east coast of Sri Lanka. *Proceeding of the 4<sup>th</sup> international research symposium of Rajarata University of Sri Lanka*. Book of Abstract. p.82
9. **Thanusanth, S., Kishoran, S., Harris, A.J.M. and Vinobaba, P.** (2018). Marine ichthyodiversity in east coast of Sri Lanka: Special reference to Batticaloa district. *Proceeding of the 4<sup>th</sup> international research symposium of Rajarata University of Sri Lanka*. Book of Abstract. p83.

## Research Articles

1. Samarasinghe W.M.P., **Sithambaresan M.** and **Mahendranathan C.** (2018). Synthesis, Characterization and Evaluation of Antibacterial Activity of a New Phenylmethyldiene Thiourea Derivative and Its Copper (II) Complex. *Int. J. Curr. Innov. Adv. Res*, 1(4): 58-67.
2. **Arasaretnam S.**, Kiruthika A and Mahendran T. (2018). Nutritional and mineral composition of selected green leafy vegetables. *Ceylon Journal of Science*, 47(1): 35-41, DOI: <http://doi.org/10.4038/cjs.v47i1.7484>
3. **Arasaretnam S.** (2018). Synthesis, Characterization and Membrane Properties of modified polyphenols based resin., *International Journal of Research Publications (IJRP)*, 3(1): 19 pages, DOI: [100315201897](https://doi.org/10.31695/IJASRE.2018.33024)
4. **Arasaretnam S.** (2018). Prediction of UV-Vis spectra of flavan-3-ol type molecules: A Computational approach. *International Journal of Research Publications (IJRP)*, Pages: 07, 3(1): 07 pages, DOI: [100315201894](https://doi.org/10.31695/IJASRE.2018.33004)
5. **Kapilraj N.**, **Sithambaresan M.** and **Umaramani M.** (2018). Synthesis and Characterization of Copper(II) Complexes of Salicylaldehyde Semicarbazone and 1,10 Phenanthroline and their Antibacterial Activities. *International Journal of Scientific & Engineering Research*, 9(7), ISSN 2229-5518.
6. **Arasaretnam S.**, H.R.P. Prasadini and K. Venujah. (2018). Assessment of Open well Water Quality around Puttalam District. *International Journal of Advances in Scientific Research and Engineering (IJASRE)*, E-ISSN:2454-8006, 4(12), DOI: 10.31695/IJASRE.2018.33024
7. **Arasaretnam S.**, S. Keerthanan, Hasitha Sulochani Wickramasinghe. (2018). Synthesis of Nitrate Doped Polypyrrole Conducting Polymer Membrane and Fabrication of Passive Sampler to Determine Diffusion of Nitrate and Chloride Through Membrane in Aquatic Ecosystem, *International Journal of Advances in Scientific Research and Engineering(IJASRE)*, 4(12):150-156 10.31695/IJASRE.2018.33004.
8. **Arasaretnam S.** and S. Keerthanan (2018). Plant Seeds as Biosorbents for the Purification of Water. *Journal of Modern Chemistry & Chemical Technology*, ISSN: 2229-6999 (Online), ISSN: 2321-5208 (Print), 9 (2):1-10.

## Symposiums/ Conferences

1. **Prahadeesh N.**, **Sithambaresan M.** and **Mathiventhan U.** (2018). A study on antibacterial activity of natural Coumarins and Coumarin derivatives against Staphylococcus aureus and Escherichia coli. *Asian symposium on Medicinal Plant, Spices and their Natural Products XVI* 12-14, December 2018, BMICH, Colombo, Sri Lanka.
2. **Arasaretnam S.** and S. Thevakumar. Plant mediated green synthesis of iron oxide particles for cadmium removal of waste water. *Proceedings of the Postgraduate institute of Science Research Congress*, Sri Lanka, 9th -10th November, 2018, Postgraduate institute of Science, University of Peradeniya, p29.

## Book

1. **Sithambaresan M.**, Priyantha W.M., Samarasinghe and **Mahendranathan C.** (2018). Phenylmethyldiene Thiourea Copper Complex and Antibacterial Activity. Saarbrücken, German: Lap Lambert Academic Publishing.
2. **Arasaretnam S.** (2018). Text book for university students titled on Fundamentals of Polymer Chemistry. ISBN: 978-955-986-941-2.

## Research Articles

1. **Eelasukanthan T.**, David JN Wall (2018). Modelling of Spatial Dynamical Silence in the Macroscopic Arterial Domain. *SIAM Journal on Applied Dynamical Systems*. 17(3): 2176 - 2204, DOI: <https://doi.org/10.1137/17M1141333>
2. **Karunarathna K. A. N. K.**, Wijekoon P. (2018). Modeling Count Data from Dependent Clusters with Poisson Mixed Models. *Asian Journal of Probability and Statistics*, 1(2): 1-21.
3. **Karunarathna K. A. N. K.**, Brindha S., **Paramadevan P.** (2018). Modeling Trend in Telecommunication in Sri Lanka: A Case study on Internet and Cellular Connections. *International Journal of Statistics and Probability*, 7(4): 32-42.
4. **Karunarathna K. A. N. K.** and **Thavareesan S.** (2018). Readiness for Learning with Mobile Phones: A Case Study with Undergraduates of Faculty of Science, Eastern University, Sri Lanka. *Asian Journal of Education and Social Studies*, 2(3): 1-11.
5. **Sajeetha Thavareesan** (2018). Review on Sentiment Lexicons of Indian Languages, *Progress in Non-linear Dynamics and Chaos (PINDAC)*, 6(1): 65-69.
6. **Sotheeswaran S.** and Ramanan, A. (2018). A Coarse-To-Fine Strategy for Vehicle Logo Recognition from Frontal-view Car Images. *Journal of Pattern Recognition and Image Analysis*, Springer, (28):1, 142-154.

## Mathematics / Statistics

## Research Articles

7. **Thayamathy P.J.N., Elango P., Karunarathna K. A. N. K.** (2018). Factors Affecting Academic Performances of Undergraduates: A Case Study with Third Year Science Undergraduate of Eastern University, Sri Lanka. *Journal of Education, Society and Behavioural Science*. 25(3): 1-10.
8. **K. Sakkaravarthi, A. G. Johnpillai,** A. Durga Devi, T. Kanna and M. Lakshmanan. (2018). Lie symmetry analysis and group invariant solutions of the nonlinear Helmholtz equation. *Applied Mathematics and Computation*, 331: 457-472. <https://doi.org/10.1016/j.amc.2018.03.011>
9. **R. Naz and A. G. Johnpillai.** (2018). Exact solutions via invariant approach for Black-Scholes model with time-dependent parameters. *Mathematical Methods in the Applied Sciences*, 41(12): 4417-4427, <https://doi.org/10.1002/mma.4903>

## Symposiums/ Conferences

1. **Karunarathna K. A. N. K.** (2018). Poisson Mixed models for count data from dependent clusters and their applications. *Research congress 2018*, Postgraduate Institute of science (PGIS), 9th & 10th November 2018.

## Physics

## Research Articles

1. **Sitpalan A,** Ananda E.M.S., Aashik A.R., Preththiha, V. Rajitha V.K.M., Suventhiran S. (2018). Feasibility of natural clay additives in cement mortar. *Research & Review: Jour. Pure & applied physics*, 6(1): 1-6.
2. **Fernando P R,** S M Aazir, N Pushpalatha, N Puvanakanthan, V H T Nishantha (2018). The Performance of the Low Cost Masonry Cement Blocks as a Partial Substitution of Coconut Shell Ash. *American Journal of Mechanical and Industrial Engineering, USA*, DOI: 10.11648/j.ajmie.20170206.12
3. **Fernando P R,** Devika Madushani L A, Praththana M and Nanayakkara H M (2018). Synthesis and Characterization of Clay Brick Using Waste Groundnut Shell Ash. *American Journal of Mechanical and Industrial Engineering, USA*, DOI:
4. **Fernando P R,** T. Hamigah, S. Disne, G. G. A. K. Wickramasingha and A. Sutharshan (2018). The Evaluation of Engineering Properties of Low Cost Concrete Blocks by Partial Doping of Sand with Sawdust: Low Cost Sawdust Concrete Block. *International Journal of Strategic Engineering, USA*, DOI: 10.4018/IJoSE.2018070103
5. **Fernando P R,** G L Kannangara, G P Buddhika, A Urushiya (2018). Synthesis and Characterization of Sustainable Man-Made Low Cost Clay Bricks with Bamboo Leaf Ash. *Engineering Physics, USA*, DOI: 10.11648/j.ep.20180201.14
6. **Fernando P R,** H A Y N Hatangala, S Karunagaran, DMJC Dissanayake (2018). Evaluates Some Engineering Properties of Innovative Sustainable Cement Blocks as a Partial Replacement of Groundnut Shell Ash (GSA). *Acta Scientific Agriculture*, DOI: 2581-365X.

## Flash News

**Prof F C Ragel** has been appointed as the ninth Vice-Chancellor of the Eastern University, Sri Lanka (from February 2019) who is from the Department of Physics, Faculty of Science

...Congratulations!...



**Senior Professor T Jayasingam** is the **FIRST** Vice-Chancellor returned to the department (Dept. of Botany, Faculty of Science) after the completion of his tenure as the Vice-Chancellor.





**Dr. (Mrs.) C. Mahendranathan** was an invited speaker at the International Conference on “Nanotechnology for Human Welfare (CNHW-2018)”, Harribhai V. Desai College, Pune, Maharashtra, **India**, 1-3, February 2018.

**Dr. (Mrs.) C. Mahendranathan** participated as an invited speaker at the International Conference on “Microbial Technology for Better Tomorrow (ICMTBT-2018)”. Dr. D. Y. Patil, New Arts, Commerce and Science College, Pune, **Maharashtra, India**, held from 17-19, February 2018.

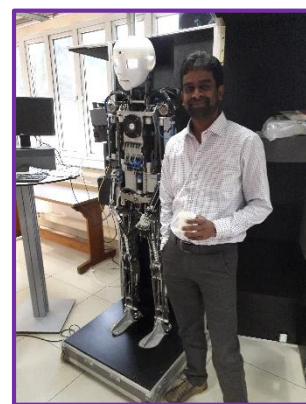


**Dr. (Mrs.) C. Mahendranathan** delivered guest lectures for the PG students in Microbiology at the “Changu Kana Thakur New Arts, Commerce and Science College, New Panvel, Pune, India and at the “Karmaveer Bhaurao Patil College”, **Mumbai, India**, during her visit to India.



**Mrs. C. G. Devadasan and Dr. T. Ealasukanthan** from Faculty of Science participated in a workshop titled “Development and Exchange of Knowledge on Robotics and Automation Applied to Fisheries and Aquaculture”, a joint workshop organized by India and Sri Lanka.

The workshop has been organized in **Sona College of Technology, Selam, Tamil Nadu** during December 04 – 08, 2018.



**Dr. (Mrs.) C. Mahendranathan** was an invited speaker at 7th International Conference on “Innovations in Physical, Chemical and Life Sciences” held at the New Arts, Commerce and Science College, Parner, Ahmednagar, Pune, India, organized by the Department of Physics and Research Centre in collaboration with Savitribai Phule Pune University, Pune from 27th to 28th, December, 2018.

**Dr. (Mrs.) C. Mahendranathan** delivered a Guest Lecture to the M.Sc. Students in Microbiology at S.M. Joshi College, Hadapsar, Pune-28, India on 28.12.2018



**Mr J M Harris** participated a training workshop on “Greenhouse Gas Inventory system – 2018” organized by UNOSD in cooperation with the Korea Environment Corporation (K-eco) and Thailand Greenhouse Gas Management Organization (TGO).

The workshop was held during 10–13 September 2018 at the UNESCAP, The United Nations Building, **Bangkok, Thailand**.



## Community outreach programme – Community Outreach Science Unit (COSU)

The Community Outreach Science Unit (COSU) is newly established at the Faculty of Science in the Eastern University, Sri Lanka as a unit with the objective to disseminate knowledge in Science and Technology and to promote the quality of life of people (social and emotional well-being activities) in the regional community as a whole with the support of national and international universities and organizations.

### April 2, 2018: Building awareness of science education and of attitude development to school students

- (i) A workshop was conducted by Dr. M. Sithambaresan at Carmel Fatima College, Kalmunai on “The real nature of human mind and attitude development” for all the A/L students of all streams.
- (ii) A lecture on “poor performance of A/L students in Chemistry examinations” for the science A/L students of the school. This is to provide better understanding of life and education with positive attitude and philanthropic interest.

### May 2, 2018: Seminar on the importance of education and proper learning methods

A seminar was done by Dr. M. Sithambaresan at Paddiruppu National School, Kaluvanchikudy on “the importance of education and proper learning methods” to the new A/L students, their parents and teachers to promote learning of students.



### May 10, 2018: Seminar on the importance of education and proper learning methods

A seminar was done by Dr. M. Sithambaresan at Central College, Chenkalady on “the importance of education and proper learning methods” to A/L science students (2018 batch).

A discussion was done with the students on “common errors made by the students in A/L chemistry examinations”, in order to enhance their performance in chemistry examinations.



### Several practical demonstrations were organized for A/L students from different schools





## Staff contributions outside the university

1. **Senior Professor P Vinobaba, Dr S Arasaretnam and Dr P Ilango** act as Programme reviewer in University Level for 2018 under Quality Assurance Council of the UGC (QAAC), University Grants Commission, Ministry of Higher Education and Highways.
2. **Dr T Mathiventhan, Dr Mrs C Mahendranathan, Dr S Arasaretnam and Dr P Ilango** act as Proposal evaluator for Department/Unit-level ELTA-ELSE DPs under Accelerating Higher Education Expansion and Development (AHEAD) Operation to Universities and Higher Education Institutions, University Grants Commission, Ministry of Higher Education and Highways.
3. **Dr. (Mrs.) C. Mahendranathan** has become the Charter member of the Sri Lanka National Chapter of "Organization for Women in Science for the Developing World (OWSD)", Inaugurated by the OWSD on 29th March, 2018 at the Hilton Residence, Colombo, Sri Lanka.
4. **Dr T Mathiventhan** has become the Life member of Institute of Biology (IOB), Sri Lanka.
5. **Dr T Mathiventhan** has become the Panel member for developing "Guidelines for mangrove restoration and replantation". Ministry of Mahaweli Development and Environment, Sri Lanka.

## Ceremonial Opening of Molecular Biology Lab

Ceremonial opening of molecular biotechnology laboratory was held at the Department of Zoology on the Faculty Day, 1 October 2018.



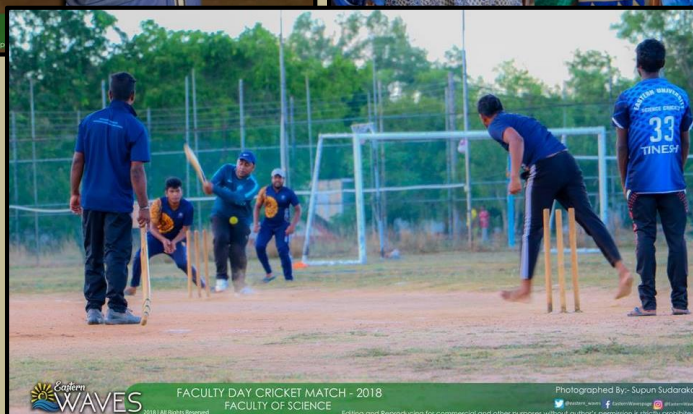
## Students' Community outreach programme – "Sip Sayura" Educational Programme

"Sip Sayura" educational program was launched for the Rural schools in the Ampara District, by the students, Faculty of Science, Eastern University Sri Lanka, on 6th and 7th of October (Photograph credited by *Eastern Waves*).





## Faculty Day Celebrations 2018 – Soft Ball Cricket Match (Staff and Students)





## Interfaculty Sports meet 2018





Faculty of Science at Eastern University, Sri Lanka (EUSL) has established a reputation for over last 37 years to impart fundamentals of different branches of pure sciences, and has shown interest in maintaining high academic standards.

The faculty, while being committed to the above philosophy, is transforming to meet the modern educational practices and trends by introducing innovative teaching, learning and evaluation strategies, students centered learning (SCL) with the goal of producing graduates with knowledge, skills and attitude to adapt to a range of professional and social environments to work with a concern and passion towards others. The faculty provides a conducive intellectual, social and physical environment in which learning and research may flourish. Apart from undergraduate BSc degree programs, the faculty has been conducting research degree programs (MSc, MPhil and PhD) and taught postgraduate degrees.

Faculty of Science is now engaging in research and development. In future, it focusses on Engineering Technology under the Technological stream, new postgraduate programme (Diploma and Degree) and community outreach programme.



#### © Faculty of Science (FOS)

Eastern University, Sri Lanka (EUSL)  
2018

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#### From the Editor...

Welcome to FOSnews Newsletter,



It is with great pleasure to publish the THIRD volume of the newsletter of the Faculty of Science. The FOSnews will be published every six months and will continue to be a vehicle to reconnoiter the activities or achievements of the Faculty of Science. The Volume 3, Issue 1 & 2 is now on your hands, which is published as one.

I would like to sincerely appreciate the Dean/Science, Heads of the Department and Dear colleagues, to give me fullest support to publishing the third volume of FOSnews.

I hope that you will enjoy reading this issue. The Volume 4, Issue 1 will be published in June 2019.

Dr T Mathiventhan

The Editor | FOSnews Newsletter.