



# FACULTY OF APPLIED SCIENCE UNIVERSITY OF VAVUNIYA

1997 - 2022

25<sup>TH</sup>  
ANNIVERSARY

THE JOURNEY





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# Acknowledgement

We would like to take this opportunity to express our heartfelt gratitude to the entire Faculty of Applied Science at the University of Vavuniya for providing the material and photographs for this publication. We like to thank our Vice Chancellor of the University of Vavuniya for being the pillar for our success. We extend our gratitude to our former dean Prof. (Ms.) A. Nanthakumaran who brought the idea of making souvenir and guided us along the way. Our sincere thanks to our dean Dr. (Ms.) J. Nimalan who carried out the process and supported us in several way to complete this souvenir. Our special thanks to Mr.T. Jeyamugan for correcting and suggesting the contents which will serve as our guiding light for a long time. Furthermore, we would like to thank all the members who went great lengths to improve the quality of this souvenir and proofread, for which we are grateful. This souvenir would not have been complete without the insightful articles written by our dear students and alumni. Thank you so much for making this possible.



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## Message from the Vice Chancellor



It is my great pleasure to give this message to mark the occasion of the silver jubilee Celebrations of the Faculty of Applied Science of the University of Vavuniya to be held on 2<sup>nd</sup> November 2022.

The Faculty of Applied Science of the University of Vavuniya has made remarkable contributions to science discipline of the country since 01<sup>st</sup> April 1997. The Faculty of Applied Science produce higher quality graduates and it is proofed via past students of this faculty perform and higher positions in nationally and internationally.

The faculty initially run its academic programme at the KurumanKadu and It is the faculty shifted to Pambaimadu in 2017. It has two departments and conduct applied oriented and potential degree programme too. The faculty now enrolled around thousand students who come from various parts of the country.

I appreciate and commend the academic and non-academic staff for their unstinted support in conducting the academic programme of the faculty in an exemplary the silver jubilee celebration.

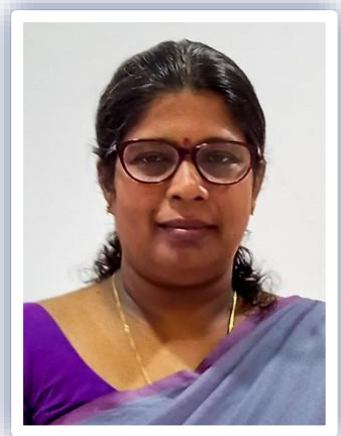
I extend my wishes to the Silver Jubilee Celebration committee, dean and staff of the faculty and wishes it well in its continued service to the higher education of the country.

**Prof. T. Mangaleswaran**

Vice Chancellor  
University of Vavuniya



## Message from the Dean



It gives me immense pleasure with pride to write this blessing message for the Silver Jubilee of the Faculty of Applied Science (FAS), University of Vavuniya. The FAS was established in 1997 as one of the faculties of the Vavuniya Campus of the University of Jaffna which was newly established as an independent university in 2021. The Faculty has two departments: Bio-science and Physical science, both of which offer four-year honours degree programs and three-year general degree programs.

FAS is located in Pampaimadu, Vavuniya, surrounded by forest, tank and rice fields with nature. FAS offers a flexible, friendly, and favourable internal environment that allows for effective teaching, learning, and research as well as involve the students to sports, recreational, religious, cultural and civic engagement with the support of centres and units of UOV.

Faculty traversed the 25 years of journey with marked milestones. Faculty incubates the students and releases them as adult butterflies with well-developed skills and attitudes. Faculty produced nearly 20 batches of graduates. I appreciate the main pillars of the faculty, academic, nonacademic, and administrative staff and students to join hands for the achievements and celebration of 25 years of survival with fragrance.

We must look after the way we passed with achievements and the way to travel forward with accomplishments. We should be aware of excellence in research and development and innovative practices and improvement of social and economic well-being of the people as well as produce the smart socially responsible employable graduates.

I appreciate the team that organised this silver jubilee event and launched the Silver Jubilee Souvenir.

I am delighted to extend my warmest greetings and congratulations to the faculty of Applied Science to raise further to reach the target.

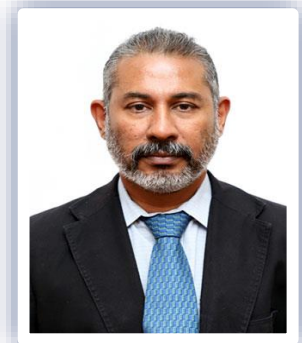
**Dr. J. Nimalan**

**Dean,  
Faculty of Applied Science**



# Message from the Head, Department of Bio Science

Department of Bio-Science (DBS) is one of the two departments of the Faculty of Applied Science that is completing 25 years of satisfied service to the nation. The first batch of Applied science students came in 1998 and DBS had only three students. And then in the second batch, there were only five. Today, there are over 60 students per batch. So far, the department has produced over 500 environmentalists to the nation.



Who is an environmentalist? Jane Goodall is an environmentalist, a very young girl in her ninetens who entered Gombe Stream National Park in Tanzania in 1960 alone with her cameramen to study the behaviour of our closest living animal relatives, the chimpanzees. She studied them for over thirty years, and transformed the way we think about them and redefine who humans is. Environmentalists not only study animals and other organisms but their scopes are rather wide. Mark Joseph Carney is also an environmentalist. Once he was the Governor of the Bank of Canada the Bank of England. He asked investors around the world to pay more attention to the financial risks of climate change concerning bigger storms, floods, and forest fires and how these events are going to cost the companies they have invested in. In what companies should they be investing to reduce those risks? How are we going to build low-carbon economies in the next decades?

Mark and Jane come from very different backgrounds. And that's the way it should be. The hard work of environmental progress needs people from all walks of life to speak up. People in our governments have to pass important environmental laws, and protesters have played an important role in pushing the government to pass the laws. Because, we are not just affecting our own backyard anymore but rather we are changing entire global systems like climate and the biodiversity that threatens humanity regardless of our profession whether we are doctors, engineers, economists, entrepreneurs and so.

The environmentalists that we produced, as expected, are employed in various sectors. Nevertheless, their role has to be more active than ever before. It is them who are going to save the doctors, engineers, economists, entrepreneurs, and so on. Our department is bound to produce appropriate environmentalists to face the current challenges and play a more active role to engage in all sectors and hand over a habitable world to the next generation.

**Dr. S. Wijeyamohan**

Head,  
Department of Bio Science.



## Message from the Head, Department of Physical Science

I am honoured to write a message on behalf of the Department of Physical Science on the event of the silver jubilee celebration of the Faculty of Applied Science. Bio Science and Physical Science departments celebrate their silver jubilee with the Faculty of Applied Science. Together we have travelled to this stage with many difficulties and dedication. Foremost I sincerely pay my gratitude to all the former heads of the department and the former Deans. My journey with the faculty started as an undergraduate student in 2006. Like all other graduates of the faculty, I am obliged to the Faculty of Applied Science in many ways. The physical science department has privilege serving the entire university with IT infrastructure facilities from the beginning. We are the pioneers in developing and using tailor-made Student Information System, Virtual Learning Environments, and developed systems on demand. Alumni is our major strength. Our alumni's employment rate is much higher than other state university faculties offering similar degree programs. We have more than 30 of our alumni serving as academic staff in all the state universities. Our entrepreneur alumni are offering job training and opportunities to our undergraduates.



We are proud to remember that we nurtured the Faculty of Technological Studies. It was under the Department of Physical Science and became a faculty in 2019. Although our department is the largest, the quality is maintained as we have a dedicated staff community. We are a single department offering two-degree programs, BSc in Applied Mathematics and Computing, and BSc in IT, and Two honours degree programs BSc Honours in Computer Science, and BSc Honours in IT. We are in the process of bifurcating our department as the Department of Computer Science and IT, and Department of Mathematics and Statistics. We believe the bifurcation will take place in the silver jubilee year. Once again, I from the bottom of my heart, I thank all the staff members who brought the faculty to this level and all the staff who are working towards the development of the faculty, and I wish all the best to the FAS community.

**Dr. S. Kirushanth**

Head,  
Department of Physical Science.



# A brief history of Faculty of Applied Science

This year marks the twenty-fifth anniversary of the Faculty of Applied Science (FAS). This is a glorious and proud moment to braise. The Faculty of Applied Science is yet another conglomeration of professional disciplines that include Applied Mathematics and Computing, Environmental Science, and Information Technology. These three disciplines share a common goal: to explore, establish, and apply the knowledge, to provide unfaltering leading education, and to champion a society of accountable professionals committed towards serving a flourishing, sustainable, and prosperous society. This Faculty is dedicated to achieve its main goal of producing quality graduates with educational and vocational skills, who would meet the challenges posed by the national and global scientific developments using the primary strategies of creating a system for producing skilled graduates having social exposure in the field of applied sciences.

The faculty, consisting of professionals with various disciplines, have been involved in teaching and learning, research and community outreach activities over the last twenty-five years. Hence, the graduates produced by this faculty are capable to work and adapt themselves in a diverse environment. The graduates of this faculty work in various sectors including industries, public and private institutions and Non-Governmental Organizations, motivate the successors and the community. Furthermore, the faculty proudly recognizes the contributions of its graduates and undergraduates' contributions for the upliftment of the society over the last 25 years have been significant and memorable.

## Vision and Mission

In accordance with the vision of the University of Vavuniya, the Faculty of Applied Sciences aspires its vision as “To be the centre of excellence in the provision of technologically advanced and appropriate applied science education”. As per the vision, the Faculty of Applied Science has developed its own unique motto or slogan as: ‘State of the art technological education for applied thinkers, and dynamic personalities - which provides a cutting-edge advantage to survive and excel in the dynamic and competitive job market’. The Mission of the Faculty of Applied Science is: ‘To become the leader in advancing knowledge and skills in applied science and in evolving into a good academic-corporate citizen contributing to the sustainable development of the region and country’

## From the Window of History

Reciting the history of the Faculty of Applied Science at its every inch is worthwhile though it's a challenging task. Vavuniya Campus originated from Northern Province Affiliated University College (NPAUC) which was established in 1991. NPAUC had a Mathematical Science Unit and Accountancy and Finance unit which offered two-year diploma programs in Mathematical Science and Accountancy and Finance Respectively. Thereafter in 1997, Vavuniya Campus of the University of Jaffna was established as per the order made under Section 22 of the Universities Act No. 16 of 1978 with two faculties namely Faculty of Applied Science (FAS) and Faculty of Business Studies (FBS). Initially the FAS was located at Kurumankadu premises in the temporary buildings with very



limited space in a very small compound with two departments named as Department of Bio-science and Department of Physical Science. Initially the FAS introduced three-year degree programs as Bachelor of Science in Applied Mathematics and Computing, and Bachelor of Science in Environmental Science. The students enrolled for diploma programs in Mathematical Science were offered an opportunity to obtain Bachelor's' degree in Mathematics and computing by extending their study period by an additional year with necessary course units.

Dr. A. Srikrishnaraj was appointed as the first Dean of the FAS in 1997 while Late Mrs. Puvaneswary Logathan as the first Head, Department of Bio-science and Mr. Selvarajan as the first Head, Department of Physical Science. They are instrumental in establishing the faculty, departments and the curriculum of the three-year Bachelors' degree program in Environmental Science and in Applied Mathematics and Computing with the available facilities at Kurumankadu premises. Though the departments had very limited space, they successfully established a computer laboratory at Kurumankadu premises and Environmental Chemistry Laboratory and Environmental Biology Laboratory at the main administrative block premises at Park road, Vavuniya putting their utmost effort. All of their initiations were materialised with the support of the Vice-Chancellor Prof. P. Balasundrampillai and with the Rector Prof. N. Balakrishnan



During his period, with the continuous effort put forward by him and the Heads, the approval from the Senate and the Council of University of Jaffna was obtained to offer the same bachelors' degree programs as four-year degree programs which were the extended degree programs (3+1). The four-year bachelor's degree had been offered for the students enrolled in the academic year 2002/2003 where 2001/2002 and 2002/2003 batches were merged as one and it was continued in the subsequent years as well. Furthermore, he tried to get hostel accommodation for the students who were from all over the Island. At this juncture, it should be noted that all these efforts put in for the establishment of the faculty during the country's turmoil / unrest situation which gave a lot of challenges to all those who worked very hard with much commitments.



Dr. S. Kanaganathan was elected as the Dean of FAS in 2004. He took the initiative to offer a Bachelor of Science in Computer Science, a four-year degree by extending the three-year degree program of the existing curriculum of Applied Mathematics and Computing. In 2005, the revised curriculum for Bachelor of Science in Computer Science (four-year special degree program) was approved. Moreover, he worked so hard to establish a computer laboratory to do practical sessions for these undergraduates at the main campus at Park road, Vavuniya in 2005 and later, it was named as "BICT lab" in 2006. In the same year, Prof. C. Rajendra was appointed as Senior Lecturer to the Department of Physical Science and worked as Head of the Department of Physical Science. Dr. S. Kanaganathan and the Prof. C. Rajendra jointly introduced and developed the curriculum for a new degree program of Bachelor of Information and Communication Technology, a three-year degree program and the extended four-degree program (3+1) of Bachelor of Information and Communication Technology (special). Though



the intake to this degree program was through a separate window and advertised under a separate column in the UGC handbook, it was offered by the Department of Physical Science at the Vavuniya Campus of the University of Jaffna for easy facilitation and administration. With the commencement of offering this degree program there was a drastic increase in the number of students admitted to the Faculty of Applied Science. It should be noted here that the students qualified in any of the four streams in G.C.E (A/L) such as Arts, Biology, Commerce and Mathematics are eligible to enter into this program provided that the student satisfied the criteria prescribed in addition to qualifying the aptitude test conducted by the Vavuniya Campus of the University of Jaffna.

Prof. C. Rajendra was elected as Dean in 2007. He provided much strength to the faculty and its degree programs by enhancing the server room and network facilities at the campus. With the concerted effort made by Prof. C. Rajendra and by Prof. S. Rajadurai who was the Rector of the campus at that time, a website for Vavuniya Campus and webmail systems were launched in 2008. In the meantime, he submitted the proposal for the Faculty of Applied Science administrative block (the building that the office of the Dean, Offices of the Heads of Departments and academic staff are occupying at present).



Mr. S. Kuhanesan was elected as Dean in 2009. He faced a lot of challenges in managing a large number of undergraduates with limited space at Kurumankadu premises. He worked hard in finding temporary buildings at Inner Circular Road and Vairavarkovil Road, Vairavapuliyankulam, Vavuniya to conduct teaching and learning activities for the undergraduates. During his tenure, he put much effort into establishing the self-access learning centre at Kurumankadu premises for the undergraduates at the faculty for self-learning. The undergraduates can access it throughout the day and night. In 2009 the subject review team visited the site of the Faculty of Applied Science and provided their comments for the two departments and the degree programs offered. These comments were the basis to improve our quality of the degree programs in various ways.

Dr. S. Krishnakumar was elected as Dean in 2012. He took initiative to establish Computer Laboratories for the ICT degree program. He was involved in curriculum revision for the AMC degree program which was extended to Computer Science special degree program. He left the faculty in 2013 to accept an academic position at Open University, Sri Lanka.



Mr. S. Kuhanesan was again elected as Dean in 2013 and he served for the faculty until 2019. During his period, he took initiative to offer a new the degree program Bachelor of Information Communication Technology for the students who follow Technology stream at G.C.E (A/L) which was introduced by the Government in 2016 for the purpose of reducing the number of students following Arts stream in G.C.E (A/L). Initially this degree program was offered by the Faculty of Applied Science under a unit called Technology stream coordinated by Mr. S. S. Suthaharan from



2017 to 2020. In the meantime, there were two building complexes, each for the Department of Bio-science and the Department of Physical Science were constructed. Unfortunately, the fund allocation was only adequate for the completion of the building with two floors consisting of three laboratories and two lecture halls allotted for the Department of Bio-science and only one floor consisting of two laboratories and one lecture hall allotted for Department of Physical Science.



In 2017, as per UGC circular, the Internal Quality Assurance Cell (IQAC) was established under the Centre for Quality Assurance (CQA) at University level. IQAC has been taking part in implementing best practices at the faculty. To improve the quality of teaching, Mr. S. Kuhanesan motivated the staff to shift to Pampaimadu for conducting the academic sessions with very limited infrastructure facilities available at that time, as Pampaimadu is the permanent location for the University of Vavuniya. Meanwhile, under the headship of Dr. (Ms). A. Nanthakumaran a stakeholder meeting inviting academic experts with various disciplines, industrialists, Employers and Alumni, was conducted to revise the curriculum in Bachelor of Science in Environmental Science, a three-year degree program and Bachelor of Science (special) in Environmental Science, a four-year degree program as Bachelor of Science (Honours) in Environmental Science a four-year honours degree. In 2018, under the headship of Dr. T. Ketheesan, the curriculum for AMC and ICT were revised after conducting several stakeholder meetings. In addition to that, steps were taken to change the BICT degree into BSc in IT as a three-year degree and BSc (Hons) in IT as a four-year degree program. To facilitate the students to carry out the computer practical sessions, a new advanced laboratory was opened in Pampaimadu. Moreover, for the first time, there was an agreement signed with Cisco to be a Cisco Networking Academic Centre and organised a course on “Introduction to Internet of Things (IoT)” and a Management Information System (MIS) was introduced at the department level. To improve the quality of teaching and learning activities the academic staff of the Faculty of Applied Science submitted the proposal for AHEAD ELTA-ELSE competitive grant in 2018 and the faculty won LKR 120 million in 2019. In the meantime, the Department of Bio-science won the same AHEAD ELTA-ELSE competitive grant of LKR 18 million. These AHEAD grants really enhance the quality of the graduates through various activities and also strengthen the learning environment and laboratory equipment and field level activities. The group of academic staff members who developed the proposal, Project Coordinators and the Activity Coordinators are needed to be appreciated.

The concept notes for the establishment of the Faculty of Environmental Science originated at the Department meeting of Bio-science held in 2018 under the headship of Dr. (Ms). J. Nimalan. The concept note was developed by Dr. (Ms). Sukanyah Devaisy with the support of the team of academic staff members of Department of Bio-science.

Prof. (Ms). A. Nanthakumaran was elected as Dean in 2019. She served for the faculty until June 2022. During this period, in 2019, the ground floor for the Department of Physical Science was completed and the academic activities were shifted to Pampaimadu from Inner circular road premises. The Department of Bio-Science shifted in 2020 after completion of the Environmental Biology, Environmental Chemistry and Environmental Informatics laboratories. It is appropriate to



note here that the chemical waste discharged from the Environmental Chemistry laboratory was directed through an eco-friendly phytoremediation unit behind the laboratory. This is the first chemistry laboratory in the country taking care and concern of environmental pollution, especially land and groundwater pollution. During this time, a new faculty, Faculty of Technological Studies was established in 2020. At this juncture it should be proudly noted that the selected four academic staff members of Faculty of Applied Science developed the proposal for the Faculty of Technological Studies and submitted for the necessary approval through the proper channel. Mr. S. Kuhanesan put a lot of effort in developing the infrastructure facilities of the Faculty of Technological Studies. The degree BSc in ICT offered by the Technology stream of the Faculty of Applied Science was changed to the Department of Information and Communication Technology of the Faculty of Technological Studies.

From March 2020 onwards with the COVID-pandemic, it was very challenging to conduct the academic sessions. Then gradually the academic staff learned to adapt themselves to conduct the academic activities using online platforms. The end semester exams for the three-degree programs were conducted using an online platform successfully with the fullest support of Dr. S. Kirushanth, Head, Dept of Physical Science and all other Academic staff members. At this juncture, the contribution from Asst. Registrar Ms. Anusiga Gajeendran should be well appreciated. The academic sessions conducted using an online platform saves the time of all the undergraduates and the batches graduated on time without much delay. Furthermore, Prof. (Ms). A. Nanthakumaran took initiative to conduct the Faculty Annual Research Session (FARS) in 2020. The first FARS 2020 was successfully conducted in October 2020 during the COVID pandemic situation with the untiring support of the academic members of the faculty. Since then the FARS has been conducted every year with the updated themes. This compliments the involvement of the academic staff in research which is an essential component in University education. Further, the academic staff work on releasing a faculty journal with two issues per year and successfully released the first issue of Vavuniya Journal of Science in August 2022.



During this period, the effort was made by her with the fullest support of Dr. T. Kokul, Senior Lecturer to develop a building proposal for an IT unit and to submit Korea International Cooperation Agency (KOICA) based on their advertisement. No response from Korea has been obtained so far. Another proposal was submitted for semi-permanent two storey Lecture halls for the Faculty of Applied Science. This building has been awarded to the Building Department Central Government. The World bank agreed to fund these semi-permanent lecture halls as we agreed to take additional students for this faculty. It should be noted that, the proposal for the first floor of the Department of Physical Science was developed by Mr. S. Thirukumaran during his headship period and was obtained necessary approval from National Planning Department through the proper channel was later requested by Indian High Commission for the funding and they showed green signal. One more proposal for the Faculty Administrative Block developed with the full support of Dr. M. Kayanan was submitted for the necessary approval.



In June 2020 the faculty of Applied Science submitted three Self Evaluation Reports for the three-degree programs separately for the external program review organised and conducted by Quality Assurance Cell (QAC) UGC. The program review was completed with the site visit for the Environmental Science degree program on 16th September 2022. However, the result is still pending. The other two review programs are supposed to be completed before the end of this year. All these delays are due to the COVID pandemic situation.

It should be mentioned that, In 2019, Prof. (Ms). A. Nanthakumaran initiated the development of the curriculum for the course unit on ‘Metrology’ with three credits for the undergraduates following the degree program in Environmental Science at Department of Bioscience, Faculty of Applied Science. The curriculum for this course unit was developed in collaboration with the Department of Measurement Units Standards & Services (MUSSD), Sri Lanka. The International Senior Consultant Dr. Ulrike gave fullest support by facilitating several dialogues with the Faculty of Applied Science and MUSSD. The curriculum has already been approved by the Senate and the Council of the University of Vavuniya. The MUSSD is the National Metrology Institute of Sri Lanka and are the specialist in this subject area, the staff of the same would offer the theory and practical sessions for two years. And MUSSD would provide training for two academic staff members attached to the Faculty of Applied Science. PTB (Physikalisch-Technische Bundesanstalt) National Metrology Institute of Germany facilitates the above by giving financial support to MUSSD through the project titled “**Strengthening Quality Infrastructure in Sri Lanka**” for delivering lectures and practical sessions at the University of Vavuniya. In connection with this, A team of five members working for PTB (existing Project coordinator, incoming Project Coordinator, International Senior Consultant, National Senior Consultant, and Consultant (NCP) visited the University of Vavuniya on 7th September 2022 to inaugurate this session. The course unit is currently offered to the Fourth year Environmental Science undergraduates. This would be a good opportunity for them to be the first set of graduates with the knowledge in metrology. No other universities in Sri Lanka offer this course unit.



Further, the National Senior Consultant presented the **certificate course on ‘safe food handling’** which will be offered by the Department of Bio-science and a short course on ‘Python Essentials’ will be offered by Department of Physical Science, Faculty of Applied Science, University of Vavuniya in near future.

Dr. (Ms). J. Nimalan was appointed as Dean in 2022. Since her commencement of term, a proposal for the new student club Ecotourism has been submitted by the Department of Bio Science and it is approved by the faculty board. Further, Memorandum of Understanding (MoU) was signed with Blue lotus (pvt) ltd.



## Messages from Former deans



### **MESSAGE**

It is with a deep sense of happiness that I write this message of greetings and best wishes for the Silver Jubilee celebration of the University of Vavuniya. While in Canada, I have heard about the upgrade of the Vavuniya Campus of the University of Jaffna to University of Vavuniya. I take this opportunity to thank all of the dedicated Staff, for their marvellous contribution to this change!

Investment in education yields a tremendous return. Over the years, the Faculty of Applied Sciences has produced men and women of academic excellence, who are proud citizens, all over the world. I have no doubt that all the staff will join hands to further enrich the education and continue to grow in its success to make the University of Vavuniya second to none.

The staff in the faculty, since the beginning, have made every effort to improve the quality of the education. I carry fond memories of my time at Vavuniya campus, wherein my colleagues and I worked hard to create the curriculum for the Faculty of Applied Sciences. I feel very privileged to have been involved in that process!

I take this opportunity to say that anything is possible if we are willing to work hard and work together. Wishing you all great success in your future endeavours!

**Dr. S. Sri Krishnaraj**

**Former Dean,  
Faculty of Applied Science.**





### **SILVER JUBILEE MESSAGE**

I am very glad to send this message.

From the inspection of the Vavuniya Campus of the University of Jaffna I closely worked with the former Rectors: Prof. N. Balakrisnan, Prof. S. Mohanadas, Prof (Ms)R. Maheswaran, Prof. S. Rajadurai, Prof. R. Nanthakumar and made tremendous progress in the field of Computer science and Mathematics.

In the year 2021, Vavuniya Campus is elevated to University status with more faculties and departments.

My heartiest congratulations to the Faculty of Applied Science, University of Vavuniya for achievement made over 25 years and the Silver jubilee celebrations.

**Dr. S. Kanaganathan,**

**Former Dean,  
Faculty of Applied Science.**





### **MESSAGE**

I offer my warmest greetings to the Faculty of Applied Science of the University of Vavuniya, Sri Lanka, on the occasion of the Silver Jubilee Celebration. I appreciate the vital role that the Faculty of Applied Science plays in transforming the higher education scenario in Sri Lanka.

In fact, it is a time to reminisce about the challenges faced and overcome since its inception to be in this position today. With its commitment to excellence, I am confident that the Faculty of Applied Science will reach greater heights in the future in imparting quality education for higher studies.

University is not only for producing degree and certificate holders, but also for empowering young minds to become responsible citizens, problem solvers, and leaders in society. Challenges will be plentiful, but the same can be overcome through the collective effort of stakeholders.

I urge everyone to continue working with zeal and commitment while keeping in mind the mission and vision of the Faculty and, at large, the University.

I wish all members of the faculty and students the best of luck in their endeavours and pray that the Faculty of Applied Science continues to provide integrated education to facilitate and foster all-round development.

God Bless You All !

**Prof. J. C. N. Rajendra**

**Senior Professor in Physics  
The Open University of Sri Lanka**

**(Former Dean,  
Faculty of Applied Science)**





### **MESSAGE**

With great pleasure I write these few lines to honour the 25th Anniversary of the Faculty of Applied Science (FAS) at Vavuniya University. I am expressing my congratulations and best wishes for bringing out a Souvenir on the forthcoming surplus of fun-filled celebrations. The FAS has successfully traversed several miles like the proverb “a journey of a thousand miles begins with a single step”. It has marked momentous histories and left behind significant landmarks. In 1997, this faculty was formed by upgrading Northern Province Affiliated College (NPUAC) as a Vavuniya Campus of the University of Jaffna. At that time, we faced many challenges in developing this faculty due to the pessimistic political situation, limited human resources, infrastructure facilities and limited management power to the campus administration.

A Silver Jubilee is an appropriate time to revisit the history of the faculty, appreciate all the contributors, celebrate its exuberance, and proclaim FAS’ vitality. At this juncture, I am happy and proud to state that majority of the faculty board members are from the FAS. It shows that this faculty has produced students branded with quality and merit. I wish FAS’s reputation will spread through the universal level while bringing achievements and adding magnificence to the faculty and the university.

Congratulations to the management and the faculty board members for their exhausting efforts in taking the faculty towards greater heights of quality without compromise.

**Dr. S. Krishnakumar**

**Former Dean,  
Faculty of Applied Science.**





### **CONGRATULATORY MESSAGE**

I am delighted to extend my warmest greetings and congratulations to all members of the Faculty of Applied Science for the celebrations of Silver Jubilee Anniversary. The 25th Anniversary in 2022 marks an important milestone and that offers a wonderful opportunity to celebrate fantastic achievements and continued success from the humble beginning in 1997. Today, our faculty plays a significant role not only in providing state-of-the-art curriculum, but also, we have been engaged actively in research and other scholarly activities. Our faculty is at the forefront in the contemporary advancement of knowledge in Computing in dynamic environment and nurturing outstanding employable graduates. Our faculty has an excellent track record of academic results and placement of students in prestigious positions.

On my experience during my tenure as an acting Dean (Mar – Jun, 2019) and as a covering-up Dean (Sep – Oct, 2020) of the Faculty of Applied Science, as a Head of the Department of Physical Science (May 2018 – June 2021), and working as a faculty member over 15 years since 2007, I can assure that we have been following many of the best practices to strengthen the teaching and learning process and focusing on the quality of education and research for the improvement towards excellence.

Hence, the 25th Anniversary Silver Jubilee celebrations will acknowledge academicians, general staff and students for the excellent achievements and at the same time appreciate our stakeholders for their continuous support throughout our journey. We look forward the strong support from the leadership is required for continued development of the faculty and the departments for the initiatives.

This is our curtain raising ceremony. Congratulations on this significant achievement. Let us celebrate the 25th Anniversary of the Silver Jubilee in the spirit of togetherness and camaraderie.

**Mr. S. Thirukumaran,**

**Senior Lecturer, Gr. I.  
Former Acting Dean,  
Faculty of Applied Science**





### **MESSAGE**

It gives me immense pleasure in writing this message for the occasion of the silver jubilee celebration of the Faculty of Applied Science to mark its 25 years completion in the year 2022. This faculty has been producing graduates in the disciplines of Applied Mathematics and Computing/ Computer Science, Environmental Science and Information and Communication Technology/ Information Technology with general and honours degrees at the bachelor's level. I am proud to mention that this faculty can produce graduates to fulfil the needs of academic institutions, industries, the private sector and the public sector and our Graduates' talents are well acknowledged by the academic society and by employers.

I am delighted to see the contributions from the students and from the staff towards this silver jubilee celebration and organising the Faculty Annual Research Session (FARS2022) under the theme of "A Gateway towards Modern Science" at their utmost capacity. It would be an appropriate platform to discuss the recent developments in the fields of Agriculture, Environment, Information Technology, Mathematics and Statistics.

I congratulate all the faculty members who have contributed and dedicated their time and hard work, since 1997, to the development of this faculty to reach this level.

I appreciate the hard work of the members of the faculty to make these events successful.

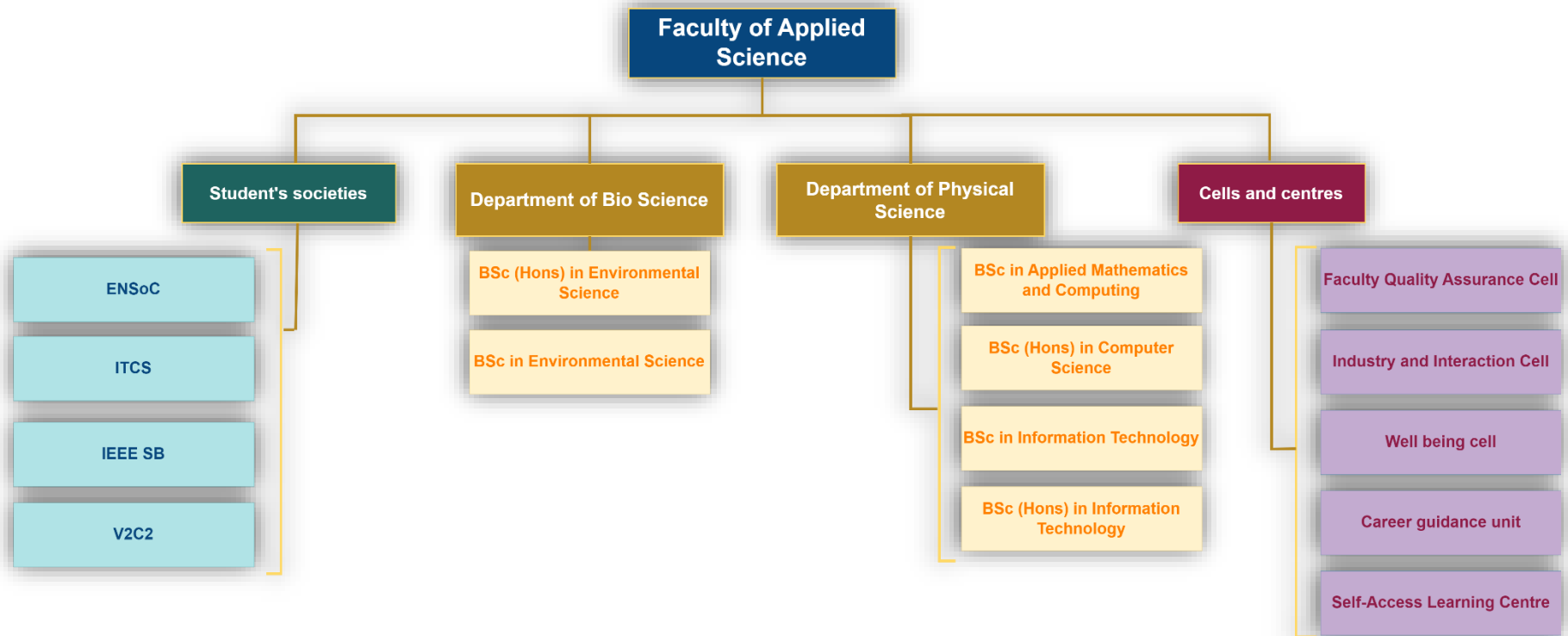
Good luck

**Prof. (Ms). A. Nanthakumaran**

**Former dean,  
Faculty of Applied Science**

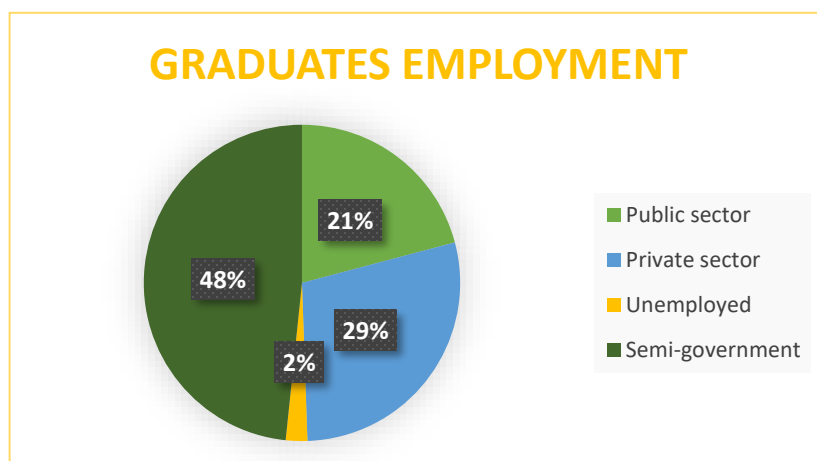
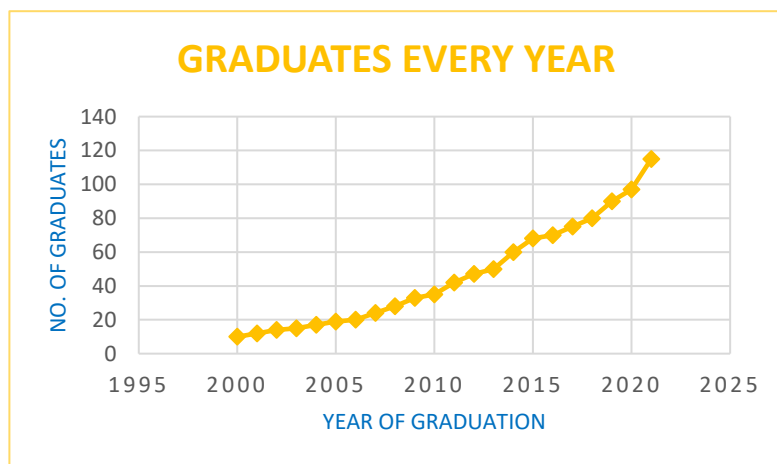
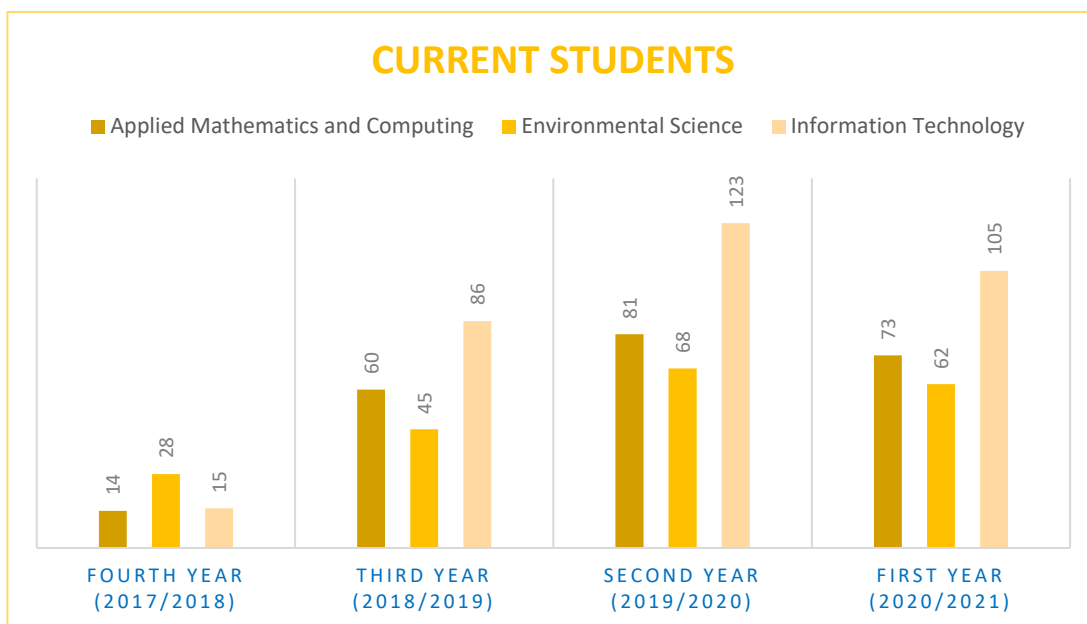


## FAS at a glance...





## Students details

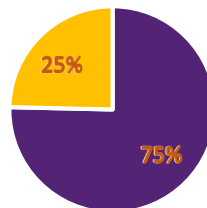




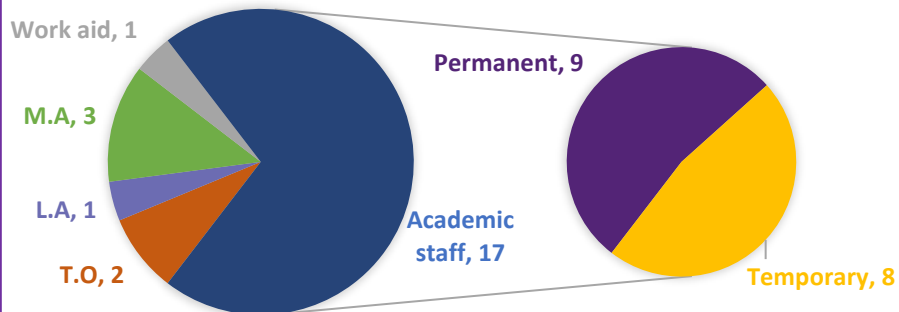
## Staff details

### STAFF IN FAS

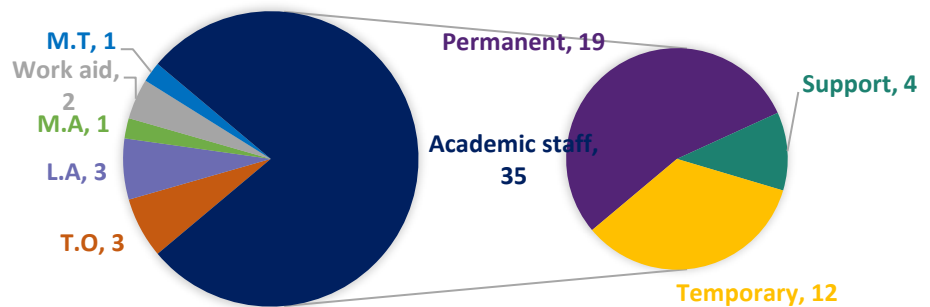
■ Academic ■ Non-academic



### STAFF IN DEPARTMENT OF BIO SCIENCE

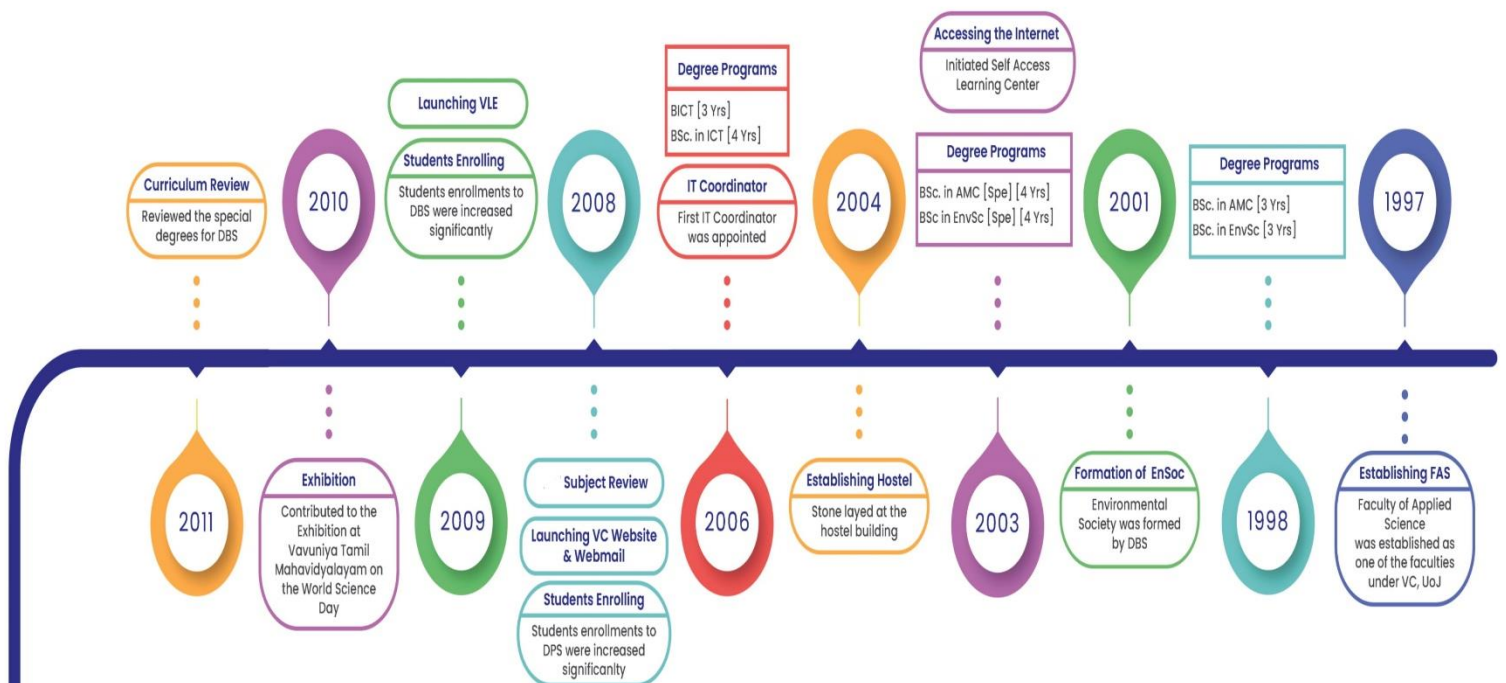


### STAFF IN DEPARTMENT OF PHYSICSL SCIENCE

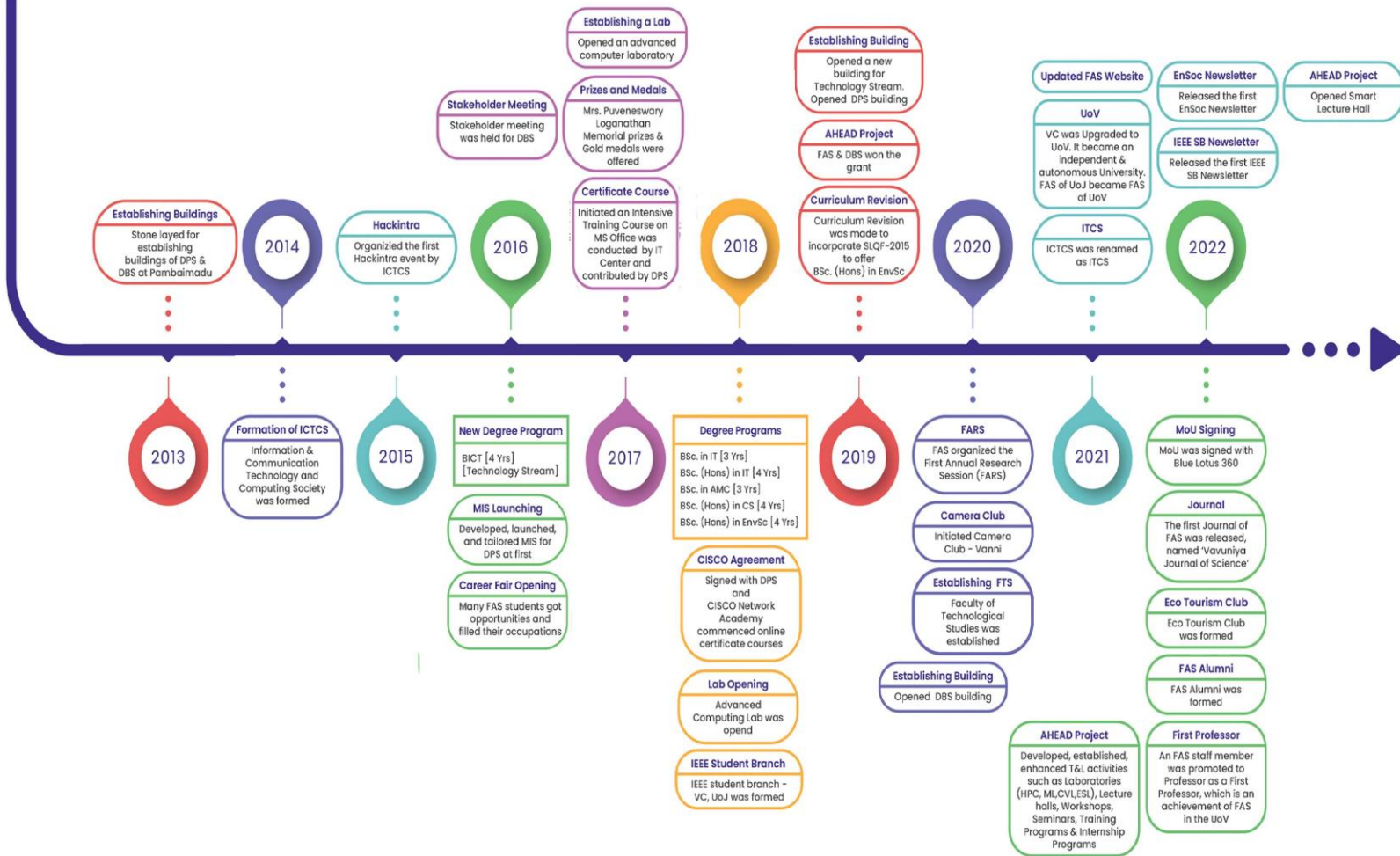




# FAS Benchmarks

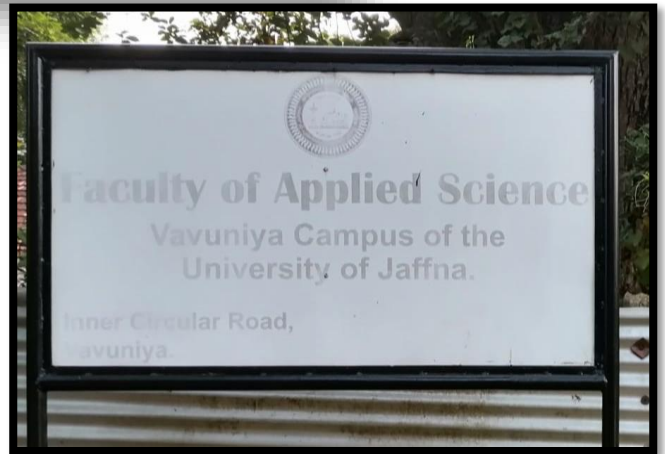








## Our Identity – Past to Present





## Department of Bio Science

The Department of Bio-science is one of the departments in the Faculty of Applied Science, established in 1997. The Department of Bioscience offers the bachelor's degree program in Environmental Science. The curriculum includes various courses in Environmental Science and Bio-science with multidisciplinary nature emphasising the fields of technological importance.

The major objective of the department is to train the undergraduates to suit the latest trends in the industry, research and development of the national economy through coursework, practical sessions and research projects pertaining towards solving environmental issues. Graduates of this degree Program mostly employed in academia, administrative executives in governmental and non-governmental organisations, and as researchers in various disciplines.

This department is equipped with three laboratories to provide the students a wide range of practical knowledge and skills. Environmental Biology Laboratory (EBL) is furnished with a variety of apparatus to carry out the environmental biology-focused practical sessions, and Environmental Information System Laboratory (EISL) is accessible to the students to familiarise with computer based environmental informatics. Environmental Chemistry Laboratory (ECL) with analytical equipment facilitated the students to conduct the environmental chemistry, analytical chemistry practical experiments during the theoretical sessions and for the research work in their fourth year.

The academic staff of the Department of Bioscience encourage and motivate the students to involve in creating awareness of environmental issues to the community, assisting e waste collection either collaborating with the health sector, Central Environmental Authority and with the educational sector or independently with the support of the University. In order to strengthen the students' practical knowledge at the field level, a number of educational trips were organised to allow the students to engage with the community and learn more about the environment and the issues. In addition, the department promotes eco-tourism, a newly developed curriculum that allows students to simultaneously pursue their degree programme while gaining more experience studying the forest and tourism.





## Recent activities of Department of Bio Science



*Community Education Programme for school students*



*Eco-Tourism community awareness programme for school students*



*Field visit to nearby areas of Vavuniya and raising awareness to the community related to the environmental problems.*



## Department of Physical Science

The Department of Physical Science of Vavuniya Campus came into existence with the commencement of the Faculty of Applied Science in 1997. Initially, the department offered a degree program named Applied Mathematics and Computing. Then the Information and Communication Technology Degree program was introduced in 2006 for all streams of the advanced level students.

The Applied Mathematics and Computing Degree program was also revised and the three-year degree program named as Applied Mathematics and Computing and four-year degree program named as Computer Science. The major commitment of the department is to provide up-to-date knowledge in Mathematics and Statistics, Computer Science, and Information Technology to undergraduate students through course work, practical classes, industrial training, and research projects.

The Information and Communication Technology program was revised as Information Technology degree program in 2018 as decided by UGC, where the designator of the Information Communication Technology is assigned to Technology faculty degree program which is newly introduced for Technology stream students. The department has been offering Bachelor of Science in Applied Mathematics and Computing, Bachelor of Science Honors in Computer Science, Bachelor of Science in Information Technology, and Bachelor of Science Honors in Information Technology from the academic year 2017/18 onwards based on the curriculum revision in 2018.

To equip students with cutting-edge technology, the department provides four teaching laboratories for the program's practical sessions: The Information Communication Technology Lab (ICTL), the Computer Science Lab (CL I), the Information Technology Lab (CL II), and the Physical Science Electronic Lab (PSEL). Additionally, there are research labs available for various research field activities, including the Manuscript Writing Lab, Embedded Systems Lab, High Performance Computer Lab, and Computer Vision Lab.





## Recent activities of Department of Physical Science



*Recently signed Memorandum of Understanding (MoU) with Blue Lotus (pvt) ltd.*



*Workshop conducted for students who had Industrial Visit from VTA, Trincomalee.*



*Various industry and research-based workshops conducted targeting third- and fourth-year students.*



## Faculty Quality Assurance Cell (FQAC)

FQAC shall design action plans and implementation mechanisms to ensure that the Quality principles (Best practices) are actually practised by the Faculty. The “best practices” are dynamic and continuous. They are the result of identification, experimentation, reflection, feedback and innovation based on experience. Best practices are amenable to documentation and have the potential for replication; they are transparent, accountable, affordable and accessible to both staff and students, and add value to an institution. They are contextual and influenced by many factors. Best Practices show the path to success through continuous improvement leading to the benchmark of excellence.



*Program Review for Department of Bio Science*

## Industry and interaction cell

The primary method by which the faculty of applied science engages with industry is through its Industry Interaction Cell. Through the departments of the Faculty of Applied Science, the cell facilitates consultations and provides testing and analytical services. Additionally, it works with businesses to do research, transfer technologies, commercialize, and train students.



*Industrial Visit to Nuraicholai by 2014 batch Bio Science students*

According to popular belief, the country's progress is fueled by strong connections between university and industry. The cell is dedicated to strengthening connections between the applied science faculty and outside partners. It encourages teamwork in research and projects so that the highly skilled research staff of the Faculty of Applied Science can be used to solve practical issues.



## Well-being Cell

The Well-Being Cell provides free and private counselling and psychological help in a safe environment to all FAS students and staff. This cell has highly experienced counsellors who are used to assisting people from many backgrounds and cultures with a wide range of challenges. It also offers special assistance to people suffering with behavioural concerns.

The goal of the counselling services is to give everyone at FAS timely psychological support in order to help them understand and gain insight into any difficulties or challenges they may be facing. This will also help them build emotional resilience, which will help them reach their full academic and personal potential.

## Career guidance unit

The FAS career advising section offers individuals the opportunity to realise their full potential, advance their professions, influence the future, and make a positive impact on all facets of life. Additionally, it teaches students how to recognise their competencies, help them plan the best courses of study, training, and careers, and develop crucial skills that will help them advance personally and professionally as well as economically and socially for their families, communities, and country.

## Self-Access Learning Centre (SALC)

The purpose of SALC is to offer a location with computers and internet access for independent study. Up until 2017, when FAS operated mostly in Kurumankadu, this was initially set up in Kurumankadu premises. Students had unrestricted access to this at all times, and internet access was made available to them as additional support for independent study. Later, when students were accommodated in Pampaimadu, SALC was moved close to the hostel.





## Our resources – Then and Now



*Bio Science Laboratories*





*Physical Science Laboratories*



# Felicitations



*Professor. (Ms). A. Nanthakumaran.*

## Felicitations message

It is my privilege to present this message to honour Prof. (Ms.) A. Nanthakumaran, the most senior extraordinary academic who inspired and moulded her students and the junior academics in the right direction.

Madam, you as the real talented academic, the blend of commitment, diligent work and extreme devotion has finally paid off with the achievement of the first professor of the University of Vavuniya. Your remarkable contribution towards enhancing the quality of academic programs to produce competent graduates as well as to steer the institution in the right direction and setting up benchmarking will always be remembered.

You have proved the real talents and the restless work will reward one day with great success.

Congratulations on your great achievement and your continued success for ever and ever!

**By**

**Dr. (Ms). S. Devaisy**

Senior Lecturer Gr II  
Department of Bio Science



## AHEAD Project

The development of the higher education sector is of central importance to enable Sri Lanka to make the transition from a lower-middle income country (LMIC) to an upper-middle income country (UMIC). Recognizing this, the government of Sri Lanka and the World Bank have agreed to support the higher education sector through a Bank-funded Accelerating Higher Education Expansion and Development (AHEAD) operation. The Faculty of Applied Science, University of Vavuniya had submitted a proposal to AHEAD on 28.07.2018. After the submission, the desk evaluation for the proposal was held on 25.09.2018 followed by site evaluation by AHEAD project evaluation team of the UGC on 01.11.2018 and 29.11.2018. Finally, after putting all the efforts into the grant approval, the faculty won a 100 + 20 million grants on 14.01.2019 called Enriching Teaching, Learning, and Assessment and English Language Skills Enhancement (ELTA-ELSE). Out of 53 eligible faculties that applied for this grant, FAS was one of the fifteen faculties that have qualified to receive this fund. Furthermore, under the same program, the Department of Bio Science also has won another 15 + 03 million funds out of 80 departments applied.

Under this AHEAD grant, Faculty of Applied Science has proposed five key activities namely enhancing learning activities based on OBE-LCT, empowering industrial interaction & field visits, developing socio-emotional skills & ethnic cohesion, English language skill enhancement through computer-assisted language learning and dissemination of knowledge and strengthening research activities. To carry out this project in a fruitful manner, Dr S. Wijeyamohan was appointed as project coordinator and each of these activities are subdivided and coordinated by different staff at the Faculty of Applied Science.

#	Activity	Sub-activities	Activity coordinator
01	Enhancing learning activities based on OBE-LCT	<ul style="list-style-type: none"> <li>Establishing three student-centred laboratories</li> <li>Developing students' skills using an interactive smart lecture hall</li> <li>Enhancement of curricula to adopt SLQF and internationally accepted benchmarks</li> </ul>	Mr. T. Jeyamugan
02	Empowered Industrial interaction and field visits	<ul style="list-style-type: none"> <li>Establishing a career guidance focal point in employment feasible location in Colombo to enhance internships</li> <li>Organising career-based activities (career fairs/industry University collaborations)</li> <li>Establishing field-oriented initiatives</li> </ul>	Dr. S. Wijeyamohan



03	Developing socio-emotional and employable skills, ethnic cohesion and creativity among students through subject related activities	<ul style="list-style-type: none"> <li>Promoting students' initiatives to disseminate knowledge and skills through community outreach programs (both in and out of the university)</li> <li>National and international university collaboration connected to mentoring (workshops, seminars, competitions)</li> <li>Enhancing employable skills among the students through product development and marketing</li> </ul>	Mr. N. Edwin Linosh
04	English Language skill enhancement through computer-assisted language learning (CALL)	<ul style="list-style-type: none"> <li>Developing general IT skills relevant to ELL using CALL lab</li> <li>Developing English language skills using specialised ELL and ELT software 4.3. Training both the students and the staff in facing national and international English examinations such as UTEL and IELTS</li> </ul>	Mrs. S. Jeyaseelan
05	Strengthening research and increasing visibility to the research publication and projects	<ul style="list-style-type: none"> <li>Strengthening the research capabilities of students (and staff) using research laboratories</li> <li>Facilitating students in organising community workshop for disseminating their research findings on burning community and environment-related issues</li> <li>Establishing student centred fully facilitated manuscript development laboratory</li> </ul>	Dr. R. Nagulan
06	Strengthening online Teaching and Learning Activities	<ul style="list-style-type: none"> <li>Converting the existing syllabus into sections that are deliverable online</li> <li>Training both the students and the staff in using Learning Management System</li> <li>Enrichment of existing infrastructure of Learning Management System (LMS)</li> </ul>	Mr. T. Jeyamugan



## The Story of winning the 100 million, AHEAD ELTA ELSE DP fund

Winning the 100 million (upgraded to 120 million later) AHEAD ELTA ELSE DP fund was one of the greatest milestones in the 25 years of Faculty of Applied Science's history.

The AHEAD fund was announced to us by April 2018 by Dr. Eugen Charles when we were the Vavuniya Campus of the University of Jaffna. Dr. Charles was the Director of the OTS of the University of Jaffna. He mentioned that 100 million rupees will be given by the World Bank to a faculty if a proposal can be submitted to develop it.

Initially, for us, it was an award that was unachievable to compete with the well-developed faculties in other universities.

However, the Dean Mr. Kuhanesan was optimistic and formed a team that will go to attend a workshop in Colombo on how to write and submit a winning proposal by mid-June 2018. A limited number of participants were allowed from each University. From our faculty, Mr. Kartheeswaran (Prob. Lecturer) and I joined. Mr. S. Thirugnanasampanthar joined from the Faculty of Business Studies. Until we attend the workshop, I was a little skeptical of winning the award like many others in our faculty. However, Kartheeswaran was showing no sign of excitement.

After the workshop, I gained a little bit of confidence and at a special meeting in the Faculty, I mentioned it is doable and elaborated on what was discussed at the workshop. Nevertheless, no one was ready to accept the task of writing the proposal. Many senior staff members slipped away mentioning that they have a lot of work but would help if someone write the proposal.

At this juncture, Mr. Kartheeswaran accepted the challenge and said he will write it initially and requested help to develop it further afterward. When all the senior academics were slipping away, including myself, my expectations diminished once again. The very reason why many senior academics withdrew from the task was that there was not enough time to prepare the proposal. We were given only a month to develop the proposal.

After the meeting, we all retracted back to our routine work. In two weeks' time here comes Mr. Kartheeswaran with a full proposal. He pulled it single-handedly. He managed to come up with a promising proposal where the senior academics did not have to struggle to improve it. We the senior academics again worked up and got involved in developing it further. Just a few minutes to the deadline on the 11th of July 2018, we successfully submitted the proposal online. Before submitting we had to get the signatures of many, including the VC from Jaffna. The Dean Mr. Kuhanesan worked out of the way to get the proposal submitted.



By mid-October 2018, I received a mail indicating that our proposal was selected for a site visit and on-site review and discussion. This was another hurdle we cleared. Actually, we surfaced atop among many other faculties in the country. For the first time, I started to admire the talent of Mr. Kartheeswaran.

On the 20th of December, I received an email from OMST, giving me the saddest message that we missed out on the 100 million awards by a few marks. Missing out was sad and by a few marks was the saddest.

On the 14th of January 2019 another email from AHEAD OMST office - *“we are pleased to announce that the AHEAD Operation will be awarding the following faculties ELTA-ELSE Faculty DPs”*. Among the faculties, Hooray, the Faculty of Applied Science of the University of Jaffna was one of them. There were no limits to my joy. I did not inform this to anyone but immediately forwarded the message to Mr. Kartheeswaran. For me, if not for Mr. T. Kartheeswaran, we wouldn't have got it, though many worked hard towards winning the award.

A team was formed to implement the proposal.

**Activity1:** Enhancing learning activities based on OBE-LCT

**Coordinator:** Dr. T. Kokul and now Mr. T. Jeyamugan

**Activity 2:** Empowered Industrial interaction and field visits

**Coordinator:** Dr. S. Wijeyamohan

**Activity 3:** Developing socio-emotional and employable skills, ethnic cohesion and creativity among students through subject related activities

**Coordinator:** Mr. Edwin Linosh

**Activity 4:** English Language skill enhancement through computer-assisted language learning (CALL)

**Coordinator:** Mrs. Subajana Jeyaseelan

**Activity 5:** Strengthening research and increasing visibility to the research publication and projects

**Coordinator:** Dr. R. Nagulan

**Dr. S. Wijeyamohan**

**Coordinator AHEAD ELTA ELSE DP  
Faculty of Applied Science.**



## Activities under AHEAD grant

The Faculty of Applied Science had done numerous activities and unprecedented developments under AHEAD fund. The AHEAD grant has helped in enriching the facilities of teaching and learning activities by fostering the equipment for learning and research activities. Through this fund, a research laboratory was established for the research students and different workspaces were constructed by the Department of Bio Science for teaching and research activities. The Department of Bio Science had constructed huts for mushroom cultivation, apiculture and silage production. The plans were initiated two years ago, but due to unforeseen circumstances it was postponed and in 2022 it was carried out.

The most recent activities using AHEAD fund are,

- Community project and workshop on Empowering youth for conservation
- Workshop to train staff for maintaining model wetland
- Workshop to train students for maintaining model wetland
- Community workshop on laboratory practical for a/l biology students
- Workshop on distance learning for staff
- Smart lecture hall opening
- Workshop for students on Introducing ell software and facing national and international English examinations
- The workshop on scientific writing
- Community workshop on ecotourism approach for v/Ayesha Maha Vidyalaya students
- Workshop on handling hazardous materials and safety measures
- Workshop on current research trends, novel research topics, and accessing scientific articles
- Workshop on embedded systems





*Mushroom, apiculture and silage production*





*Establishment of research laboratories*





*Establishment of research laboratories*





*Server room and generator facilities*





*Establishment of Smart Lecture Hall*





*Conducted several workshops under AHEAD project*





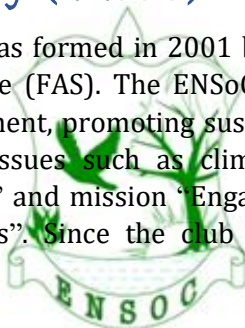
*Smart lecture hall opening ceremony and other workshops*



# Students societies

## The Environmental Society (ENSoC)

The Environmental Society (ENSoC) was formed in 2001 by Dr. K. A. Sri Krishnaraj, who was the Dean of the Faculty of Applied Science (FAS). The ENSoC is a group of undergraduates at FAS, passionate about helping our environment, promoting sustainability in the University, and raising awareness of global environmental issues such as climate change. ENSoC holds a vision of “Envisioning sustainable environment” and mission “Engage in understanding and responding to local and global environmental issues”. Since the club was initiated, they carried out ample community activities.



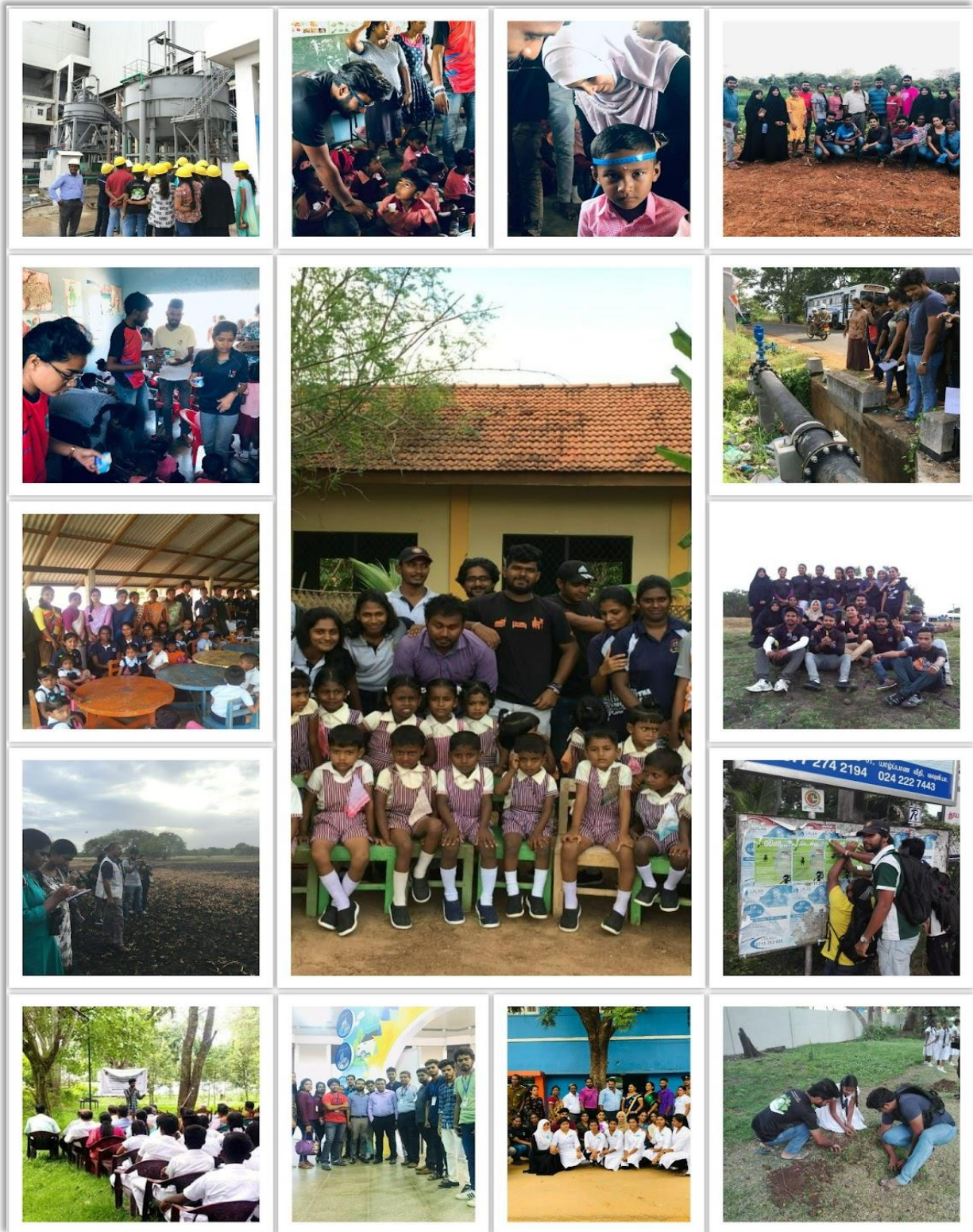
### Goals and objectives of the societies:

- The ENSOC aims to create a community that raises awareness about sustainability through creativity. It has been created with the following objectives;
- To gather and create a better awareness among the undergraduates in terms of environmental-related issues.
- To outreach and promote environmental science among the public.
- To act as a bridging entity to obtain a corporation from the undergraduates at the Faculty of Applied Science.
- To enhance career developments in undergraduates.
- To develop a linkage between the University and the related environmental organisations.
- To collaborate constructively with other organisations and individuals who share the objectives of the ENSOC.

### Recent activities of the club are:

- Tree planting at DS office, Vavuniya
- Dengue awareness programme at Urban Council Vavuniya
- Field visit to Nuraicholai to understand the E-waste disposal and collection
- Nutritional assessment programmes were conducted at primary schools
- PET bottle collection awareness prog
- Translators for shilpa sena exposition at BMICH
- Concept of zero waste awareness programme



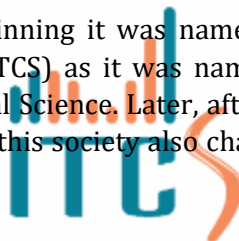


*Recent activities of ENSoC*



## Information Technology and Computing Society (ITCS)

ITCS was initiated in 2014. At the beginning it was named as Information and Communication Technology and Computing Society (ICTCS) as it was named based on the ICT degree that was conducted by the Department of Physical Science. Later, after the BICT degree was changed to BSc in Information Technology, the name of this society also changed into Information Technology and Computing Society (ITCS).



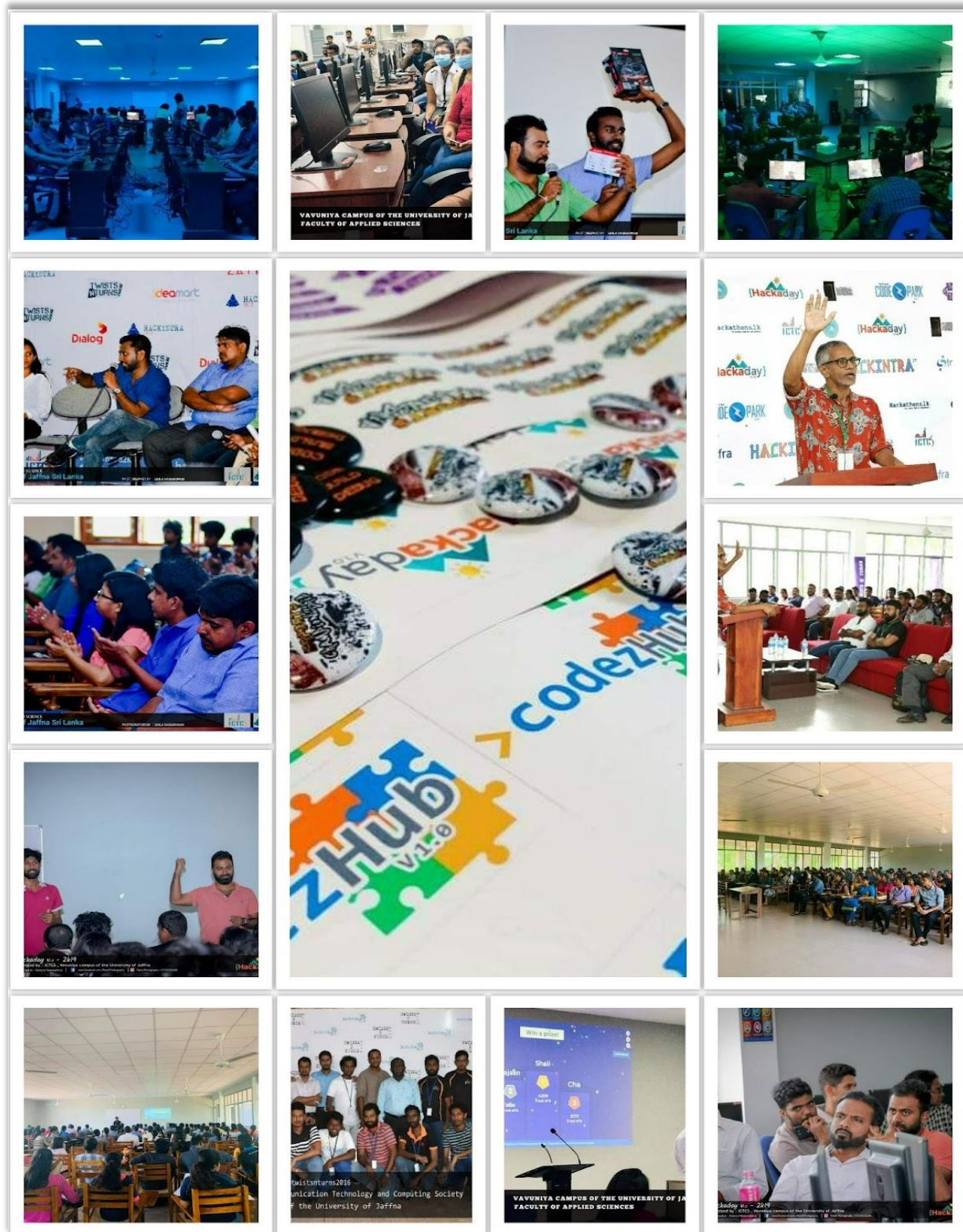
### Objectives of the societies:

- To provide assistance to improve the quality of the degree course conducted by the Department of Physical Science, Faculty of Applied Science, Vavuniya Campus.
- To act as a forum in the improvement of relations between IT, Applied Mathematics and Computing, and Computer Science undergraduates of the Faculty of Applied Science, Vavuniya Campus.
- To create a better awareness of the activities of IT, Applied Mathematics and Computing, and Computer Science and its contribution towards the development of the Information Technology industry in Sri Lanka and among the public.
- To promote the career development of IT, Applied Mathematics and Computing, and Computer Science graduates.
- To develop a linkage between the university and the Information Technology industry.
- To collaborate constructively with other organisations and individuals who share the objectives of the Society.

### Recent activities of the club are:

- Arranged Career Guidance keynote speeches and conducted overnight Hackintra- Hackathon and sports competitions among the students including other University teams attended from University of Sabaragamuwa, Trincomalee Campus of EUSL, Faculty of Engineering/ UoJ
- Arranged “Hackintra” session “Twist & Turns” and Esports Championship programme.
- Arranged a training session on Python programming for LetMeHack 2.0 to the students
- Organised a workshop about Server Administration for Fourth Year students conducted by a Resource person from LEARN
- Conducted three sessions regarding modern web design techniques and latest technologies to the students of Department of Physical Science, Faculty of Applied Science by alumni of Department of Physical Science, Faculty of Applied Science.





*Recent activities of ITCS*



## IEEE Student Branch (IEEE SB)

The idea of starting the IEEE Student Branch for University of Vavuniya was raised in 2017 on March 22, in writing to the IEEE Sri Lanka section by Mr. T. Kartheeswaran insisting to start a petition. However, all the issues have been sorted out and the request has been justified. The student activity chair, Mr. Nadarajah Dheynoshan joined with this process and completed the petition process of the IEEE student branch of the University of Vavuniya as the new and 17th branch in Sri Lanka. Mr.P. Kovelan was appointed as an interim chair for this process. On 6th of June 2018, the student branch was approved by region 10 members. The student branch was established by Mr. T. Kartheeswaran, branch counsellor with 12 student members as the founding committee.

### Recent activities of the branch are:

- Annual general Meeting 2022
- Membership drive to encourage the students to become a member of IEEE student branch
- IEEE for humanity 2.0 - To inspire students to use technological advancements to address humanitarian problems
- Tree planting under the theme “Say no to carbon”
- Book drive for charity - Collected books from societies and handed them over to the DS office, Vavuniya.
- Painted bus halt near University of Vavuniya, Pampaimadu premises.
- Made arrangements for drainage around the bus halt because of the inconveniences caused during rainy days.
- Awareness programme in cybercrime and cyberlaw in Sri Lanka
- Teachers training programme about networking
- Solar eclipse campaign for the public
- Wordpress on the Go - A workshop for students for designing web sites.
- IEEEExtreme 13.0 - Competition carried out for 24 hours







*Recent activities of IEEE SB*



## FAS activities for silver jubilee celebration



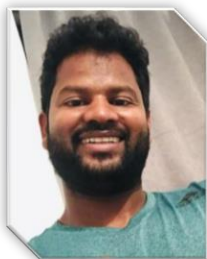
*Silver jubilee committee conducted various community-oriented activities such as awareness programmes, competitions and planting trees and tournaments for staff and students*



## FAS family corner



**Mr. T. Meril Sajithiran**  
( ENS 1998/1999 )  
Monitoring & Evaluation  
Officer, CSIAP Project



**Dr. R. Rajavaheinthan**  
( AMC 2002/2003 )  
Software Engineer  
Coupa Software



**Mr. V. Ravi**  
( ENS 2002/2003 )  
Environmental Officer  
Ceylon Electricity Board



**Dr. Sukanyah Devaisy**  
( ENS 2002/2003 )  
Senior Lecturer  
University of Vavuniya



**Mr. T. Jeyamugan**  
( AMC 2003/2004 )  
Senior Lecturer  
University of Vavuniya



**Ms. R. Sukeshinie**  
( ENS 2003/2004 )  
Business Process  
Manager  
Adidas UK



**Mr. N. Edwin Linosh**  
( AMC 2004/2005 )  
Senior Lecturer  
University of Vavuniya



**Ms Sathiyakala Thinesh**  
( AMC 2004/2005 )  
Scientific Officer,  
Lavery Pathology,  
Australia



**Mr. N. Suveathan**  
( AMC 2004/2005 )  
Principal  
V/Neeliyammudai  
Saraswathy Vidyal.



**Mr. A Yasothar**  
( AMC 2004/2005 )  
Ass. Manager, IT  
Support  
HNB





**Ms. Prateepa Yasothar**  
( AMC 2004/2005 )  
Asst. Manager, BOC



**Ms. Kayathiri Linosh**  
( AMC 2004/2005 )  
Development Officer,  
District Secretariat  
Vavuniya



**Ms T. Tharsany**  
( AMC 2004/2005 )  
Development Officer,  
Ministry of Women's  
Affairs



**Dr. M. Kayanan**  
( AMC 2005/2006 )  
Senior Lecturer  
University of Vavuniya



**Mr. S. Praveen**  
( AMC 2005/2006 )  
Lecturer  
Technical College



**Mr. K. Ethayaraj**  
( AMC 2005/2006 )  
Teacher , Government  
school



**Ms. J. Anoj Nishanthi**  
( AMC 2005/2006 )  
Teacher  
Government school



**Mr. G.  
Naveendrakumar**  
( ENS 2005/2006 )  
Senior Lecturer  
University of Vavuniya



**Mr. K. Muhammad  
Rifthy**  
( ICT 2005/2006 )  
Senior Lecturer  
South Eastern University  
of SL



**Dr. S. Kirushanth**  
( ICT 2005/2006 )  
Senior Lecturer  
University of Vavuniya



**Mr. S. Varun**  
( CS 2006/2007 )  
Software Engineer  
NCS, Singapore



**Ms. V. Vahini**  
( CS 2006/2007 )  
IT support  
DBS, Singapore



**Ms. K. Sobana**  
( ENS 2006/2007 )  
Lecturer, University of  
Vavuniya



**Ms. S. Khethika**  
( ICT 2006/2007 )  
Lecturer, Trincomalee  
Campus



**Ms. S. Subaramya**  
( CS 2007/2008 )  
Lecturer, University of  
Vavuniya





**Ms. S. Janani**  
( ICT 2007/2008 )  
Deputy Director Zonal  
Education



**Mr. J. Bridman**  
( ICT 2007/2008 )  
Teacher, ICT  
Government School,



**Ms. M.S. Shafana**  
( ICT 2008/2009 )  
Lecturer, South Eastern  
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Lecturer, Uva Wellassa  
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**Mr. S. Gopinath**  
( ICT 2008/2009 )  
Instructor, University of  
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**Mr. A. Randika Yasith**  
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Senior Specialist-Cyber  
Security  
London Stock Exchange



**Mr. R. Arjun**  
( ICT 2008/2009 )  
Software engineer  
Dowell, Sydney



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Lecturer  
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Assistant Director  
(SLAS)  
Department of industries



**Mr. P. Divaagar**  
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Assistant Director  
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( ENS 2009/2010 )  
Lecturer  
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ICT Teacher  
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Territory Manager  
National Lotteries Board



**Mr. A. Thulan Dimuthu**  
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Senior Executive  
Cyber Security  
Dialog Axiata PLC



**Ms. T. Thanujah**

( ICT 2010/2011 )  
Assistant Secretary  
(SLAS)

**Mr. Lilan Kularathna**

( ICT 2010/2011 )  
Senior Site Reliability  
Engineer



**Ms. Yahani  
Dissanayake**  
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Senior Project Manager



**Ms. A. Fathima  
Sharfana**  
( ICT 2011/2012 )  
Lecturer, SEUSL



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Vavuniya

**Mr. M. Sathyasoruban**

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Teacher, T/T/ Pulmoddai  
Muslim Central College

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Development Officer  
National Audit Office

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**Mr. Mohamed Amjath**

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Lecturer  
University of Moratuwa

**Mr. P.N.R.D.I. Lakpana**

( AMC 2013/2014 )  
Software Engineer  
Infra Technologies



**Ms. Sanduni  
Jayasundara**  
( AMC 2013/2014 )  
Engineer, Business  
Intelligence, UK



**Mr. M.M.L.M.  
Hicmathullah**  
( ENS 2013/2014 )  
Research Assistant  
Eastern University



**Mr. P. Vigneshwaran**  
( ICT 2013/2014 )  
Lecturer  
Sabaragamuwa  
University

**Mr. Prajwal Gajurel**

( ICT 2013/2014 )  
ITOps Engineer  
Wavenet International  
pvt. Ltd.





**Ms. J. Niroshi**  
( CS 2013/2014 )  
Lecturer,  
University of Vavuniya



**Mr. P. Kovelan**  
( ICT 2013/2014 )  
Software Engineer  
Axallant Tech



**Mr. Kasun Ratnayake**  
( ENS 2014/2015 )  
Environmental Health  
Safety Officer  
CEC (pvt).ltd



**Ms. Subodhi Wasalthilake**  
( ICT 2014/2015 )  
Lecturer  
Sabaragamuwa  
University



**Mr. S. Chathura**  
( ICT 2014/2015 )  
Software Engineer  
HCL Technologies



**Mr. K. Dinith Sithunaash**  
( CS 2015/2016 )  
Intern Software Engineer  
CodeGen Intl.



**Ms. V. Mathumitha**  
( ICT 2015/2016 )  
APAC Systems &  
Support Engineer



**Mr. Kalana Nawarathna**  
( ICT 2015/2016 )  
Software Engineer  
MIHCM Solution (PVT)  
Ltd



**Ms. Chinthika Gulawita**  
( ICT 2015/2016 )  
Implementation  
Engineer  
hSenid Business Sol.



**Ms. Sachini Hansika**  
( ICT 2015/2016 )  
System Support  
Assistant  
Stassen Group



## FAS Literature



**Mrs. A. Fathima Musfira**  
2010/2011 batch

வவுனியா ஈன்றெடுத்த  
பல்கலையின் கழகமே !!!  
தாயே !!!  
உனக்கு என் வந்தனங்கள்  
!!!  
வாழ்வின் அரிச்சுவடியாய்  
பாடசாலைக் கல்வியை  
முடித்து நின்ற என்னை  
காலம் 2012 உன்னுடன்  
இணைத்த போது  
கண்களில் சுமந்த கனவுகள் பல  
!!!  
பல்கலைக்கழகங்களின்  
பகட்டை கலக்காது சீமந்து  
தரையும், சில சமயம் ஒலை  
வெய்த கூரையுமாய்  
இயற்கை மாறா

உன் எளிமையில்  
மனம் லயித்து கற்றவை  
ஏராளம்  
!!!  
உன் எளிமைக்குள்  
கல்வியில் உயர்ந்த  
ஆசான்களை நீ தந்தது  
உன் பரிசுகளுள் மிக உயர்ந்தது  
!!!

இன்றும் தொடரும் நட்பென்ற  
உறவுகளும்,  
முதிரா வயதின் மூர்க்கத்தினால்  
இடையில் அகன்ற  
மனிதர்களும்  
என என் நினைவேட்டில்  
நீங்கா  
நிழம்படமிட்டவளும் நீயே  
!!!  
என் வாழ்வில் நால் வருடமாய்  
நீ எழுப்பிய வெற்றிக்  
கட்டத்தில்  
இன்று நான் பத்திரமாய்  
பயணப்படுகின்றேன்  
!!!  
உலகில் எங்கு பயணம்  
சென்றாலும்

எனக்கு சிறகு தந்து,  
பறக்க கற்றுத் தந்தது  
உனது கூடு தான்  
!!!  
2016 இல் உன்னை  
பிரிந்தாலுமே  
என் உயர்ச்சிகளில்  
நீ தந்த கை என்றும் கோர்த்தே  
என் வெற்றிகளில்  
கிரீடம் சூட்டிக்  
கொள்கின்றேன்  
!!!  
யாழ்ப்பாணப்  
பல்கலைக்கழகமென்னும்  
  
பெரு விருட்சத்தின் ஓர்  
விழுதாய்  
அன்று இருந்த நீ  
இன்று நீயே ஓர் விருட்சமாய்  
வானுயர்ந்தது கண்டு பெருமை  
கொள்கின்றேன் நான்  
நீ ஈன்ற ஒரு மகளாய்  
!!!  
அன்று உன் நிழலிலே வளர்ந்த  
என் வாழ்த்து என்றும் உனக்கு  
!!!



**நாமும் பல்கலைக்கழகமும்**

Ms. R. Nemitha  
2017/2018 batch

பள்ளி வாழ்க்கை முடித்து  
பல்கலைக்கழகம் சென்று  
பட்டம் பெற்று உயர்நீதி  
விளைந்தோம்

காலடி எடுத்து வைத்த முதல்  
நாளே  
தலைநகர்தனில் பெரும்  
களோபரம்  
துயரத்துடன் வீடு  
திரும்பினோம்  
அடுத்த மாதம்தில் மீண்டும்  
புதிதாய் எம் பயணத்தை  
தொடங்கினோம்  
இன்பதுன்பங்கள் பல  
அடைந்தோம்  
நண்பர்கள் நாம் கூடி  
மகிழ்ந்தோம்  
பகிடிவதை பலவும் கண்டோம்  
வாழ்க்கைப் பாடங்கள் பல  
கற்றோம்  
பரீட்சை எண்ணி பயந்தோம்  
புதிய இடங்கள் புதிய  
மனிதர்கள்  
சுற்றுலாக்கள் பல சென்றோம்  
காலங்கள் கடந்தன

பெரும் தொற்றும் வந்தது  
இணைந்தோம்  
இணையவழிக்கல்விதனில்  
விழாக்கள் பல  
கொண்டாடினோம்  
நண்பர்கள் பிறந்தநாட்களை  
சிறப்பாக்கினோம்  
பல்கலைக்கழக வாழ்வில் பலரை  
சந்தித்தோம்  
ஒவ்வொருவரும் புதிய  
அனுபவங்கள்  
நம் வாழ்வில் மறக்கமுடியாத  
ஓர் அங்கமாய் அமைந்தது  
இந்த வாழ்வு  
பண்புடன் கலாசாரமும்  
கல்வியும் பெற்று  
வாழ்வில் உயர்ந்திடுவோம்  
எண்ணறிய செயல்கள்  
புரிந்திடுவோம்  
எல்லோர் கனவும் நனவாகட்டும்

**மீதுடி**

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சூலை ஃபரன் ஃசாதுவக  
லிபாவர ஹன்டிவக

சினா கென்னை சூரன  
மீதுடி மீதுடி மீதுடி

தேக கவி கதா மீதுடி  
கடவுடி ஃபுஃமன் துதுது  
பிஃபுது ஃபுஃபு  
பிதுபிது மீதுடி பிதுபிது

தரு ருது மீதுடி ஃபுஃபு  
லுது பிதுபிது பிதுபிது  
மீதுடி..  
பிது பிது பிது  
பிதுபிது பிது பிது பிது  
மீதுடி பிது பிது பிது





தினம்தோறும் செதுக்கிய சிற்பங்கள் - போல்  
நெஞ்சில் பல்லாயிரம் நினைவுகள் சுமக்கிறோம்  
உதிராப் பூக்கள் போல் நம் கல்லூரி கால -  
நாட்கள் வேண்டி ஏங்குகிறது - மனதோரமாய்

Ms. T. Bhathusha  
2017/2018 batch

ஆண்டுதோறும் பல்கலை வானில்  
உதிரும் உருவாகும்- பல நட்சத்திரம்.  
தனிதுவ கதைகொண்ட அவை  
தனியே மிளிர்ந்து தெரியும்.  
கார்த்திகை தீபமாய் வானில் தோன்றும்- நட்பு கூட்டம்  
காலம் காலமாய் அழியா வர்ணம் காட்டும்.  
வானில் அழியா காதல் கொண்ட நட்சத்திரம்  
25 ஆண்டாக வான அழகை என்றும் கூட்டும்.



Ms. M. Shakana  
2017/2018 batch

சேவனாடே னுடி...



Ms. A.G. S. M. Saman kumari  
2019/2020 batch

நிதிர சரலச ஓரா ஸதலீலி  
஑லன நல஑஑ல ஓ னுடி ஸ டாலோகல.....

஑லன டீல லீடீன் லீலலீன் லா ஑ன ஑ன஑ன  
லீகல டீல லீலல னுலீ லடனலீ....  
ரீடேன ஑டலீன் ஑னலலீன் ஑ன஑ன  
னுலீ ஸ ஑ீல லலனலலீ ஑ுலீலீர்.....  
சேவனாடே னுடி லலீ டீலலீ ஑னேன லல னால லா  
லுலலலீன்....

ரலலலீன் லீல லா டீல லலனே ஑ரீ஑ரன ஑லலலீ னுடி லல  
டீரீடேன.....  
கலலீ ஑ீலனலீ லா லலீனே ஑லலலீன்  
஑னீலீனே ஑லீனலலீன் லீலலீன் ஑ீலலலீன்....



## விடுதி

இமைக்காமல் கண்ட இருபது  
வருட கனவுகளை பிரசவிக்க  
நடத்திய முதல் போராட்டம்  
ஆரம்பித்த இடம்

கண்கள் நிறைய  
வேட்கையுடன்  
கை கனக்க பொதிகளுடன்  
மனம் ததும்ப எண்ண  
அலைகளுடன் - அந்த  
நான்கு மாடி கட்டிடத்தை  
உயர்ந்து பார்த்த அந்த முதல்  
நாள்  
மறக்குமா என்ன?

கைகாட்டி செல்லும்  
உறவுகளுக்கு  
கண்ணீர் துளிகளினூடு விடை  
கொடுத்த காட்சி  
ஈரம் காயாத ஓவியமாய்  
இன்னும் அவரவர்  
நெஞ்சுக்குள்.....

அறையினுள் முதல் அடி  
எடுத்து வைத்துமே  
அத்தனை நேரம் அடக்கி  
வைத்திருந்த விழிநீர்  
அணை கடந்த வெள்ளமென  
ஆயின

மனக்காயங்களுக்கு மருந்திடும்  
சீனியர்ஸ்  
சீருடை உடுத்தாத  
செவிலியராய் தெரிந்தனர்

அவசர பசிக்கு உடனடி  
நாடில்ஸ் தரும்  
பக்கத்து அறைக்காரர்கள்  
அன்னபூ ரணிகளாயினர்

நமக்கான தொலைபேசி  
சினுங்கலுக்காக செவிகளும்  
தவமிருக்கும் வேள்வி  
மண்டபமும் இது தான்!

Warden அறியாமல்  
அறைவிட்டு அறை தாவும்  
வித்தை கற்கும் குருகுலமும்  
இது தான்

இது என்ன அனகொன்டா  
அரிசியா என வேடிக்கையாக  
வினவி விழுங்கித் தொலைத்த  
சோற்றுக் கவளங்கள்  
அறுவை சிகிச்சை நிபுணரை  
விட அதிகம் கவனமெடுத்து  
பங்கிட்ட கோழித் துண்டுகள்

பாத்திரத்தினுள் சுழியோடி தேடி  
கண்டுபிடித்த மீன் துண்டுகள்

எறும்பு கடியையும்  
பொருட்படுத்தாத மாங்காய்  
திருட்டு  
ஆமை வேகத்தில் நகரும்  
குளியலறை வரிசை  
தூக்கத்தை துகிலுரிக்கும்  
நள்ளிரவு பிறந்த நாள்  
கொண்டாட்டங்கள்  
அரை நொடிக்குள்  
சமாதானமாகும் அவசியமில்லா  
சண்டைகள்

போர்வையால் மூடி விடியும்  
வரை அழுது வீங்கிய  
முகங்கள்  
கூட்டத்தின் நடுவிருந்தும்  
அவ்வப்போது உணர்ந்த  
தனிமை, வெறுமை  
அடுத்தவரை பற்றி  
நினைக்காமல் அரங்கேறும்  
சுயநலங்கள், காயங்கள்  
அமைதியின் உச்சம்,  
ஆரவாரத்தின் ஆர்ப்பரிப்பு என  
மாறுபட்ட மனித இயல்புகள்  
இப்படி விடுதி வாழ்க்கை தந்த  
நினைவுப் பொக்கிஷங்கள்  
ஏராளம்!!

விடுதி — வாழ்வின் பல  
இரகசியங்களைக் கற்றுத் தந்த  
அதிசய வகுப்பறை!!!

Ms. Anees Salha  
2019/2020 batch



රකිමු ස්වභාදම් මැණි.....

Ms. P.P.M Sathsarani  
2019/2020 batch

අහස ගුගුරා වැටෙන දිය බිද  
කිමද මෙතරම් අම්ල ගනි අද  
මිනිසුනේ නුඹ කුමක් කළහොද  
ස්වභාදම් මැණියගෙ ඇකයට

නුඹ ගන්න හැම හුස්ම බිදුවක  
ඇත්තේ කිරිටි වායු නොවේ ද  
අතැර ගිජුකම තම හිතේහිකම  
වෙහෙසුනොත් කිම ඇයව රැකුමට

දසත තිබු ඒ සුන්දරත්වය

වැනසිලා ඇත කුණු කදුවලින්  
මෙයයි ඇරඹුම ඔබගෙන් මගෙන් සකි  
මරණයට මංපෙන් සිහියට යොමත්

සිතට ගෙන තම නැණ පමණි  
රකින්නට දරමු වෙර ස්වභාදම් මැණි  
රැකුණහොත් ඇ පමණකි ඔබ මාත්  
රැකෙනුයෙ  
එයයි නීතිය ලෝකයේ

තුණිந்தෙලු පෙண்ணේ!!!

පාරති ඡේදය පුතූමෙයින් සැරේ!  
ஏன் நீ தயங்கி உரைகிராய்  
பெண்ணே!  
புராண சரித்திர மாதரை புகழ்ந்தாய்  
புதிய கலியுகம் இங்கே  
ஒடுங்கியே மறைந்தாய்.....

கயவர்கள் கைகளிலே  
கைப்பாவையாய் மாறினாய்  
சூழ்ந்திடும் இருள்தனில்  
விடியலைத் தேடினாய்!  
கானல் நீராய் உன் வலிகளை  
அழித்திடு!  
சுழலும் புயலாய் துன்பங்கள்  
தகத்தெறி!

உன்குறைகளைப் பாடும் பேதையர்  
உலகில்  
தாய்மையால் புது உயிரை  
ஈன்றவள் நீயே!  
இங்கு சோதனைகள் யாருக்கும்  
நிரந்தரமில்லை - அதனை  
சாதனையாக்கி மாற்றம் செய்!  
தூற்றிய வாய்கள் போற்றிடும்  
நானை!

கல்வியைத் தேடி நீ குதிரையாய்  
ஓடினாய் - திருமணம்  
எனும் கடிவாளம் தனில்  
சிக்குண்டு தவிக்கிறாய்.....  
சுயதொழில் செய்து உயர்ந்திட  
நினைத்தாய் - சுயம்வரம்

எனும் பெயரில் பெண்ணென்ற  
முகக்கவசம் அணிகிறாய்.....

அடுப்படி உந்தன் உறைவிடம்  
அல்ல - பெண்ணே  
விழித்தெழு! நாட்டினை மாற்றிட  
நீயும்  
துணிந்தெழு! நீயும் புதுக்  
கவிதை படைத்திட - நானை  
உன் பெண்ணவள் வாழ்வில்  
ஜெயம் பெற!

Ms. M.H.F Hasna  
2019/2020 batch



**நடுக்காட்டிலோர் நந்தவனம்**

தே.ஜீவதுவராகன்  
2019/2020 batch

நாலிரண்டு சக்கரங்கள் சுழன்று நர்த்தனமாடிய  
கால்களுடன்  
இன்னிசை கானங்களோடு கானத்திடை கணம் கழித்து  
வசந்தகால வண்டுகளாய் வவுனியா வந்தடைந்தோம்  
பல்கலை பயின்று பகிடுகள் புனைந்திடும் பூ ரிப்பில்  
பூ த்து நின்ற புன்னகை தம்மவர் தாண்டி தனித்திடும்  
துயரினை துரத்தி தூரமாய் தரித்திட்டது.

அலைபேசி அலைகுரல்கள் அந்தமாகி நேரொலி  
நேசித்திட  
தொலைதூர தொடர்புகள் தொடுத்தாரத்தில் தொடர்ந்திட  
கணனி காட்டிய முகங்கள் கண்ணெதிர் கடந்திட  
ஆசையாய் ஆண்கள் விடுதியில் அடைக்கலம்  
அடைந்திட  
உள்ளின்று உன்னிப்பாய் பார்த்திட்ட பார்வைகள் - நமை  
பலியாடாய் பரிகாசத்தில் பறைசாற்றிற்று

நான்கு சுவர் நான்கு கதிரை நான்கு கட்டிலாய்  
நான்குக்கில் நாப்பது விதிமுறைகளுடன் விருப்பாய் -  
நான்  
நடக்க வில்லங்கமாய் விழியசைத்திட்டது நம் விடுதி  
உணவுசாலை உள்ளமராதே உன்னறை உள்தாழ்ப்பிடு  
சிரேஷ்டனை கண்டிட சிரம் தாழ்த்தி வாழ்த்தை  
வழங்கிடு  
தாடி தவிர்த்திடு சிகைமுடி சிறுத்திடு இரண்டடுக்கில்  
நடந்திடென  
பாஞ்சாலி பாட்டாய் படர்ந்திட்டது நம் நடையும்  
நடைமுறையும்

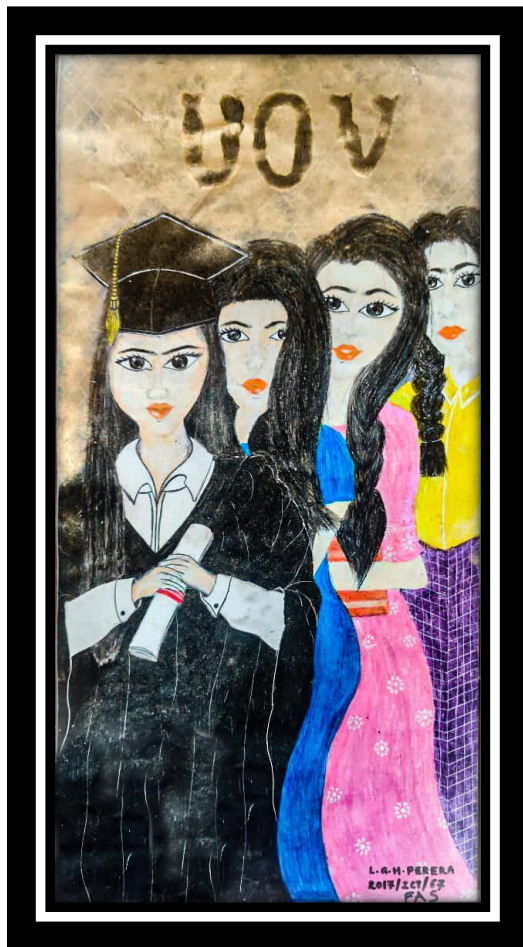
பல்கலையா பல்கவலையா பயின்றிட பறந்தோமென  
பரிதவிப்பாய்  
பல பகல் தாண்டிய சலிப்பு சற்றே சங்கமித்து  
காலமது கனிந்து களிப்பு கனத்திட குதூகலம்  
குடியேறிற்று  
புதுமனை புகுவிழாவாய் புத்தாண்டு பெருவிழா நாண்  
தொடுத்து  
மெய்வல்லுனர் துடுப்பாட்டம் களியாட்டம் சகோதரர்  
சமரென  
ஆனந்தங்கள் அடுக்காய் அரங்கேறி ஆர்ப்பரித்தன

இனமதமற்ற இணைவு இனம்புரியா இலக்கணமாய்  
நட்பு கொடியை பம்பைமடுவில் பரவவிட்டு  
ஆண் பெண் வேறுபாட்டை வேறுபடுத்து -  
விரிவுரையாளர்  
விளக்கங்கள் வேதவாக்காய் விதைத்திட - ஊமையாய்  
உள் நுழைந்து பம்பரமாய் சுழன்றிட்டோம்  
நடுக்காட்டிடை நந்தவனமாய் நம் அன்னை - அன்பை  
அள்ளித் தெளித்து அமுதாய் மிளிரந்து நின்றாள்

அள்ள அள்ள குறையா அக்ஷய பாத்திரத்தை விஞ்சி  
அன்பறிவு அரவணைப்பாய் பல துறையில்  
பல்கலையிட்டு  
நைல் போல் நீளமாய் நீங்கா நினைவலைகளை  
நின் நினைவில் நிறுத்தி நில்லாமல் நீள்கிறது  
என் தாய்க்கும் எனக்குமான பந்தம்...



## FAS Arts



*"My life in university"*

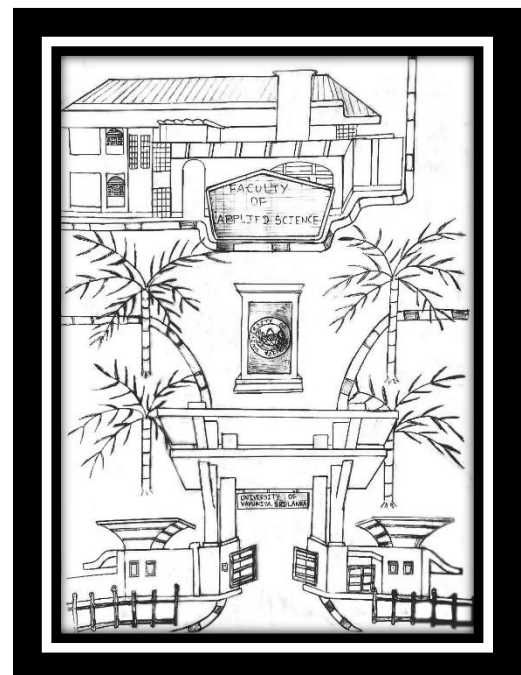
**Ms. L.R.H. Perera**

2017/2018 batch

*"FAS, UOV front view sketch"*

**Ms. P. Kabisha**

2019/2020 batch





## **Cornerstone to success**

When one is asked, "what do you think the definition of success is and how do you know that you became successful?" You will most likely get a different answer each and every time. Success comes in many different definitions and forms and the outcomes of when one feels successful is truly different in one's eyes. Success is defined as a favourable or desired outcome and the attainment of wealth, favour or eminence.

The achievement of desired visions and planned goals is referred to as success. To me, success is completing a task and thinking that I couldn't have done it better. No one can define success for you; it is something you must define for yourself. Success may imply a sense of giving back to society and making a difference. It could imply a sense of accomplishment and career advancement. Success can also refer to achieving one's goals, such as acquiring wealth, a position, or honours. Everyone defines success differently. Of course, success is something that everyone strives for, but it is not something that everyone achieves.

We can achieve success in life with the aid of these keys. They are tactics employed by successful athletes, businesspeople, and artists. As we work through them, keep our clear vision of a successful life in front of you. There are numerous strategies for achieving success in life, but the one that works best for you may depend on your definition of success. To begin, we want to cultivate a growth mindset, improve our emotional intelligence, cultivate mental toughness, fortify our willpower, emphasise intrinsic motivations, and promote traits associated with a bright future.

The road to success requires several qualities to be successful everywhere. These characteristics can range from attending class to going above and beyond the call of duty. The journey taken or the path chosen determines success. Being prepared also contributes to success. As students, we must rise to the occasion and chart our own course to success. Several approaches We define success as maintaining academic integrity, being able to prioritise, and motivating ourselves to stay on top of what needs to be done. Academic integrity is extremely important.

Hard work leads to success. It is challenging to do difficult work, but it is necessary to make our lives easier. A hardworking person is always content in life. Hard work leads to success. A person who works hard achieves a lot in life. To instil in children a sense of hard work, parents or teachers should tell them stories about successful people in their country. The children should select a role model for their lives so that they can concentrate on their own. This will motivate them to study hard and with enthusiasm. For every outcome, there is a lesson that will help define us as a person. Whether it is big or small, this event can make a change. Whether you fail or succeed, this event can hone you to become a better version of yourself. Do not stay from where you are, always aim for growth. Don't be afraid of stepping out of your comfort zone. Even if you fail. You tried and that is enough.

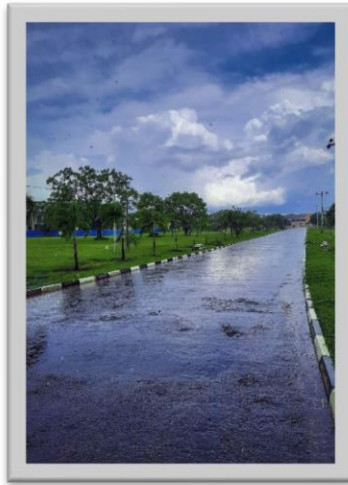
**Sharanika Sanmugaraja,  
2019/2020 batch**



# FAS shutter clicks

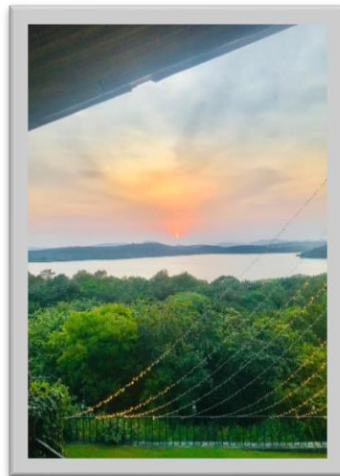
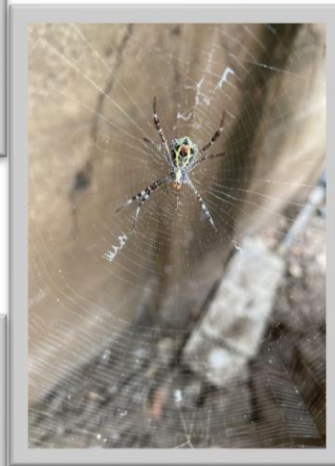
Ms. K. Keerthana

Batch – 2017



Ms. T. Bathusha

Batch – 2017



Ms. R. Nemitha

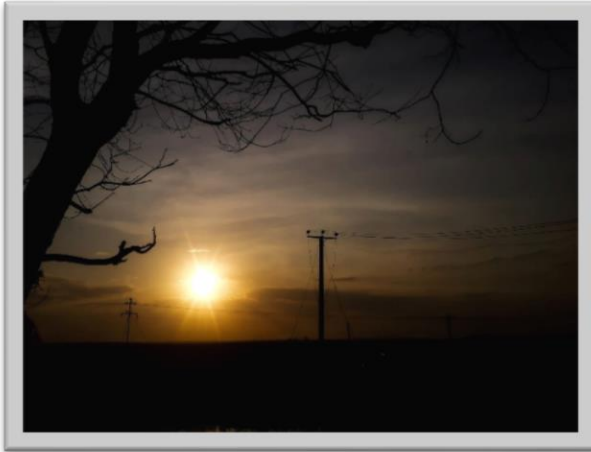
Batch - 2017



Ms. P. Himathri

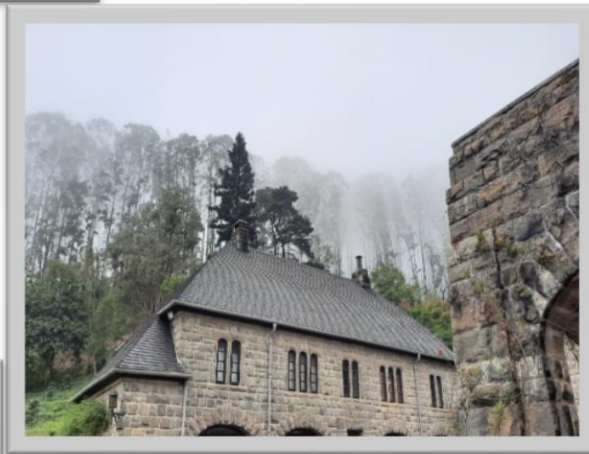
Batch - 2016





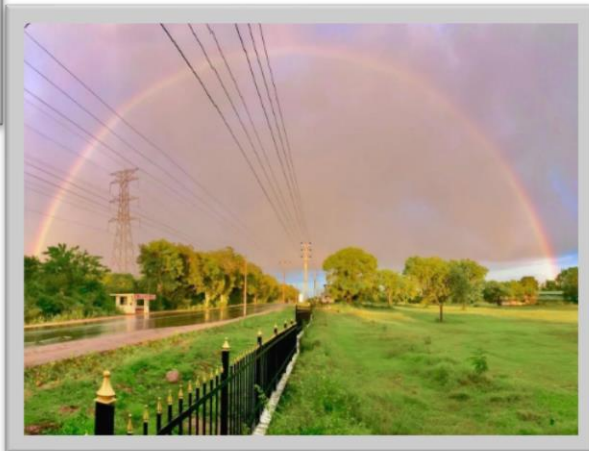
Ms. J. Sano Nas-hath  
Batch - 2017

Ms. M. Kanista  
Batch - 2016



Mr. N. Sulaxan  
Batch - 2011

Mr. Pasindu Thirangana  
Batch - 2017







Mr. T. Keerthanaram  
Batch - 2014

Mr. S. Sabanathan  
Batch - 2017



Mr. R. Sibrikhan  
Batch - 2018



Ms. M. Sahana  
Batch - 2017



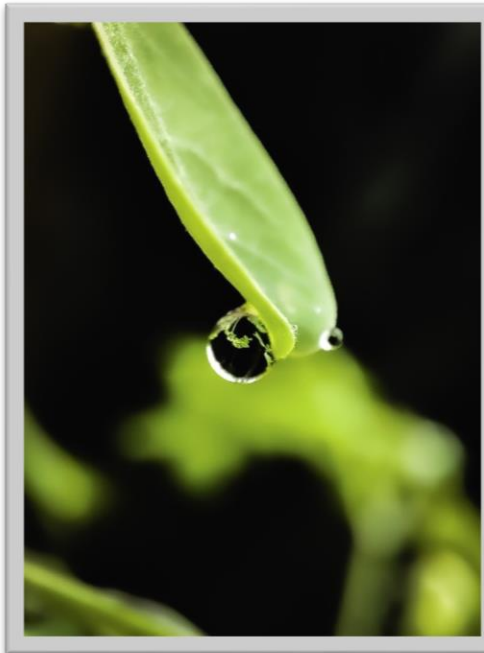




Mr. K. Dinith Sithunaash  
Batch - 2015



Ms. L.G.H. Perera  
Batch - 2017



Mr. R. Sibrikhan  
Batch - 2018



## Reminiscence

### Greetings on the Silver Jubilee celebration of the Faculty of Applied Sciences, University of Vavuniya.

It is with great pleasure that I am sending a message for the 25th Silver Jubilee of the Faculty of Applied Sciences, University of Vavuniya.

On March 9, 2012, when I went to Vavuniya campus, the hostel was in Pampaimadu, 11 km from Vavuniya City. There were three lecture halls in the city of Vavuniya. Went to the Faculty of Applied Sciences, from hostel to Manner or Settikulam by bus. But most of the time the bus did not stop after seeing the number of our students.



Anyway, LH1, LH5, ELTU, PSCL1, PSCL2, PSCL3 which are 2km, 3km away. It is wonderful to think about that life that was walked without even drinking water. When students in other campuses were striving for their right to education, we were struck by asking for chairs to sit on, toilet facilities, drinking water, canteens with food to eat, and computer labs.

Now the Faculty of Applied science does not have such problems, instead of the building roof covered with coconut leaves, there is a modern building, a modern computer laboratory, a modern hostel, a good canteen, new indoor stadium, outdoor stadium. Instead of dirty water, clean water is provided by RO-Plant now.

I have been the faculty of applied science Student Union President (2013/14), as a member of the Student Union (2012/13) and as a member of the Vavuniya campus common union (2013/14). Those positions are the most valuable things of my university life

When I was the student union president sometimes, I sacrificed my studies to do the best thing for the sake of the students. Although it is a university that is familiar with the Tamil culture of various ethnic groups speaking different languages, and most students at that time were Tamil speakers, they supported me to run the student association, even though I am a Sinhala. I think the best example of coexistence is Vavuniya University. Furthermore, Vavuniya University can be introduced as the best place to show that language is not a division, but something that is used for the convenience of communication, and that language is not relevant to humanity.

With this valuable opportunity I was able to turn the previous stage of the Faculty of Applied science to the Golden Era with the help of my batch mate, during the president of the Students' Union. And I'm very glad to memorise the facilities what we offer students such as Drinking water facilities, New net rooms, New Computer for laboratories, New canteens and also, I like to mention here that, I have already proposed Air-Conditioning lecture halls & many activities were done to spread out our campus name to the world with my 2010 Batch. Such as New Year Function, Pirith Program, A/L, O/L SAWIYA Seminar Program (Sinhala/Tamil medium) Spirit program & etc.



Although we left the campus in 2015, we did everything that we could do for our campus. We supplied two water filters (RO Plant) recently donated by the National Kidney Fund to Pampaimadu and Hostel premises, for the use of students in our Campus. And there are no words to impress my happiness by seeing them using those facilities.

The remarkable and great work of Mr. S.Kuhanesan – Former Dean (Faculty of Applied Sciences), Mr.K .K. Arulvel – Former Rector of the Vavuniya Campus & Dr. T. Mangaleswaran – Vice chancellor of the University of Vavuniya to get our university to this stage is excellent.

When we celebrate the Silver Jubilee of the Faculty of Applied science, it is unforgettable the great duties of academic and non-academic staff who gave their fullest effort for the sake, bright future of students.

There is one thing to say students studying presently in faculty of applied science is, that the past of this Faculty was not a bed of Roses, we came to this position at present by facing lots of hardships and difficulties and it is your duty to secure these facilities carefully for the future generation of University of Vavuniya & faculty of applied science. It is our only wish when we celebrate the Silver Jubilee. The only hope of I & all my alumni was to see the development day by day.

In conclusion, I take this opportunity to convey my heartiest congratulations once more on this remarkable moment & I wish the faculty of applied science all the best for the bright future.

Thank You,

**Mr. Rasanga Jayasundara,**

BSc (Applied Mathematics & Computing)

Former president

Students' Union (2013/2014),

Faculty of Applied Sciences

Today I'm looking back to when I first came to the faculty. And since then, the faculty has managed to come a long way and thrive. I am immensely proud that the faculty stood by our side when the tides were high, and the winds were low.

Congrats on the faculty's 25th Anniversary!

**Mr. P.Vigneshwaran**

2013/2014 batch

Lecturer (prob)

Sabaragamuwa University of Sri Lanka





# FAS Archive





























Faculty of Applied Science encourage students to involve more in research activities. The faculty mainly focus on fourth year students and direct them in the proper research field. More than that, in 2020 the initiative was taken to conduct research session annually. The **Faculty Annual Research Session (FARS)** was first held in 2020 and continued since then with different themes. The main goal of FARS relies on inclusion of applied science researches adapting to the latest trends. Furthermore, another milestone of Faculty of Applied Science is, launching journal in the name **Vavuniya Journal of Science**. This is a biannual journal publication. The first issue of volume one was launched in August 2022. This is an open access journal to its content on the principle of making research freely available to the public and supports a greater global exchange of knowledge and the publications are available at <https://vau.ac.lk/vis/>.



## Call for Extended Abstracts

# FARS 2022 - 3<sup>rd</sup> Annual Research Session

10<sup>th</sup> of October 2022

### "A gateway towards modern Science"

Faculty of Applied Sciences, University of Vaasa, Finland



**Important Dates**

Call for Extended Abstracts  
01<sup>st</sup> of April 2022

Final abstract submission deadline  
01<sup>st</sup> of August 2022

Publication of acceptance  
01<sup>st</sup> of August 2022

Final paper and/or Extended abstracts  
01<sup>st</sup> of August 2022

Registration of participants  
01<sup>st</sup> of August 2022

Conference  
01<sup>st</sup> of October 2022

### Keynote Speakers



**Prof. Teemu Mädhjuti**

Chief Executive Officer of Science and Technology, Deputy Vice-Chancellor, University of Vaasa, Finland



**Dr. Sivanathan Sathyanarayanan**

Senior Scientist, Indian Meteorological Centre, Indian Meteorological Service, Central Meteorological Office, Andhra Pradesh, India

### Extended Abstract Submission

Researchers who participate in institutionally sponsored or in the same or in similar form to you submitted for extended abstracts. The extended abstracts should include all relevant research and information reported in a regular research paper. But firstly, with increase in knowledge of research, technology, literature, and research locations, the research area in problem addressed, methodology, discussion or conclusion, and references, and references.

Submission Link: <https://www.research.mcgill.ca/fars2022>

### Registration Fee

Category	Early bird discount	Fee (USD)
Presenting Authors	Researcher's research	\$ 1,500.00
Others	Others (not Ph.D.)	\$ 2,000.00
Participating Institutions	Participating Institutions (not Ph.D.)	\$ 3,000.00
Participating Institutions (not Ph.D.)	Participating Institutions (not Ph.D.)	\$ 3,000.00
Participating Institutions (not Ph.D.)	Participating Institutions (not Ph.D.)	\$ 3,000.00

Registration fee includes pre-printed meetings and conference kit.

### Contact Persons

Dr. Sivanathan Sathyanarayanan

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# FAS Staff

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<b>Assistant Registrar</b>	Ms.K.Anusiga
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	Dr.(Mrs.)J.Nimalan
	Mr.A.E.S.Patrick
	Dr.(Mrs.)S.Devaisy
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	Mr.G.Naveendrakumar
	Dr.(Mrs.)M.Piratheepkumar
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	Mr.K.Arjunan
	Ms.H.K.N.Sanjeewani
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<b>Management Assistant</b>	Mr.M.Pirapuram
<b>Laboratory Attendant</b>	Mr.A.Kamilash

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	Mr.S.Thirukumaran
	Mr.B.Yogarajah
	Dr.R.Nagulan
	Mr.S.S.Suthaharan
	Mrs.R.Yasotha
	Mr.T.Jeyamugan
	Mr.N.Edwin Linosh
	Mr.S.Thilaganathan
	Dr.S.Kirushanth
	Dr.M.Kayanan
	Mrs.S.Subaramya
	Mrs.A.Ann Sinthussha
	Mr.T.Kartheeswaran
	Ms.R.Vaishali
	Ms.P.Shorubiga
	Mr.N.Kajan
	Mr.G.Vijayakanthan
	Ms.S.Anparasy



*Instructors*

Mr.K.Santhanakrishnan

Mr.S.Gopinath

*System Engineer* Mr.K.Pratheepan*System Analyst* Mr.S.Nithiyanandam***Non Academic Staff****Staff Technical Officer* Mr.K.Jeyakhoban*Technical Officers* Mr.N.Thevarajah

Mr.M.Sutharshan

*Management Assistant* Ms.P.J.Dissanayake*Laboratory Attendants* Mr.S.Vinayagamoorthy

Mr.S.L.Reginald

Mr.S.Kodeeswaran



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# FACULTY OF APPLIED SCIENCE



## CELEBRATING OUR LEGACY

25 years of faculty of applied science  
University of Vavuniya



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