



UNIVERSITY OF JAFFNA SRI LANKA

**ANNUAL REPORT
2016**

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1 Introduction

1.1 History and Evolution of the University of Jaffna, Sri Lanka



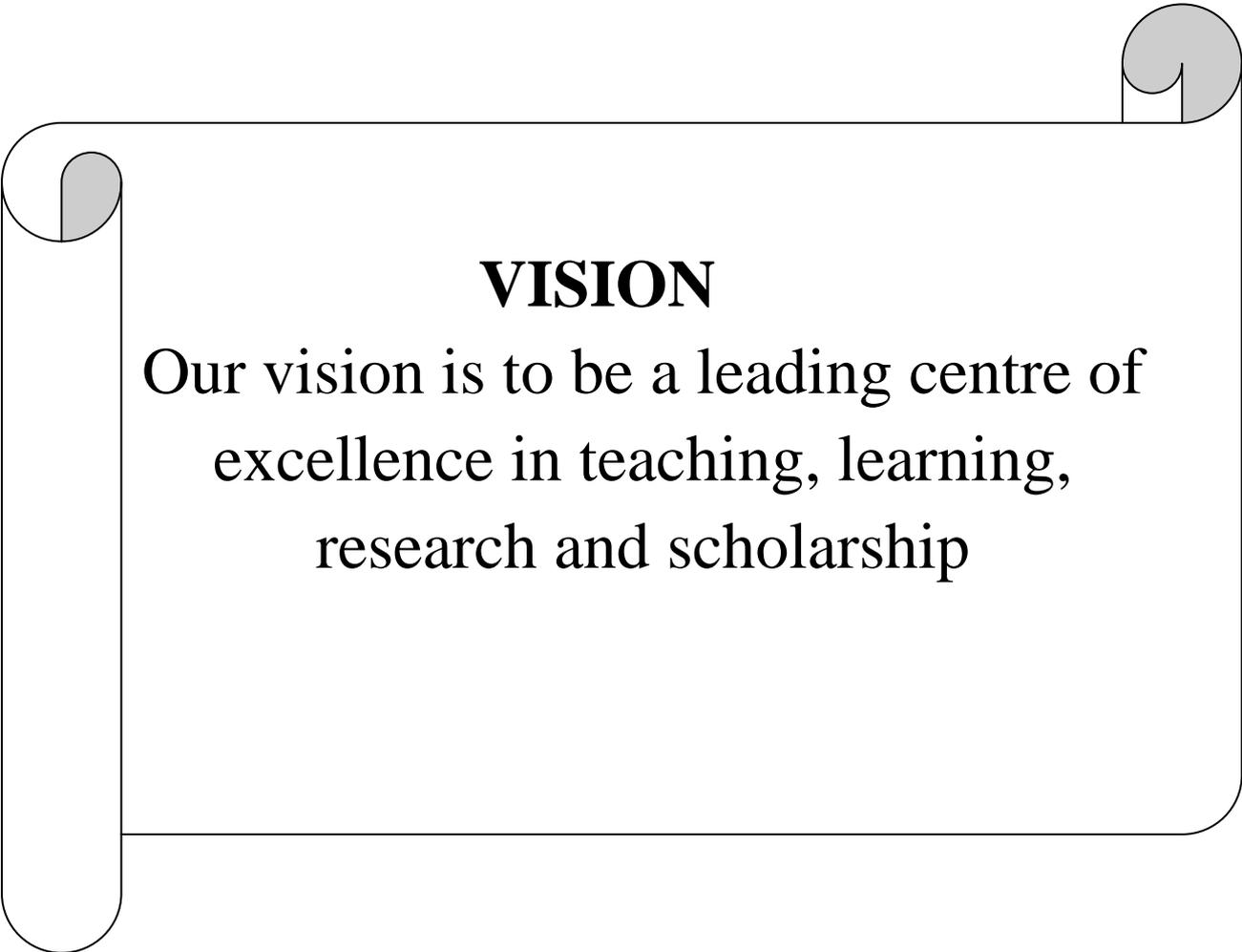
The Establishment of a full fledged University in Jaffna had been a long standing aspiration of the people of Jaffna. This was fulfilled when the declaration establishing the six campus of the University of Sri Lanka in Jaffna was made on 15th July 1974 with the Parameshwara College premises, Thirunelvely, as the nucleus. On 6th October 1974, the Jaffna Campus of the University of Sri Lanka was ceremonially inaugurated by then. Hon.Prime Minister of the Republic of Sri Lanka; Mrs.Sirimava Ratwatte Dias Bandaranagike with the implementation of the Universities Act No 16. of 1978, and by Gazette notification dated 22nd December 1978. The Jaffna Campus became an independent and autonomous University with the name of University of Jaffna with effect from 01st January 1979, and has grown enormously and now, it is a home of Ten Faculties with 61 Academic Departments, several service/academic/support units/centres and a Campus at Vavuniya.

1.2 Period of Annual Report

This Annual Report Covers the activities and performance of the University during the Period from 01st January 2016 to 31st December 2016.The Annual Report of University of Jaffna is presented herein compliance with section14(1)of the Finance Act No 38 of 1971.

2 Vision and Mission of the University

2.1 Vision statement of the University



VISION

**Our vision is to be a leading centre of
excellence in teaching, learning,
research and scholarship**

MISSION

Our mission is to be a leading centre of academic excellence in producing intellectual, professionally competent and capable graduates by providing quality teaching, learning, and carrying out research to meet the emerging needs of the national and international community with special emphasis on the social, economical and cultural needs of Northern Sri Lanka.

Vice-Chancellor's Report

3 Vice-Chancellor's Review

3.1 Introduction

University of Jaffna has been focusing on its vision. During 2016, it has produced 164 postgraduates including Ph.D., M.phil., M.A.,M.Ed., and Postgraduate Diploma in Education. Among the undergraduates passed out 509 of them with the external degree holders and undergraduate degree holders 1613.

The University was able to spend the entire fund allocated for equipments and for the Capital Works.

3.2 Preparing University Calendar and Management Guide Book for the University of Jaffna

The Council at its 404th meeting held on 28.11.2015 approved to get the services from Prof.H.Abeygunawardena, Former Vice Chancellor, University of Peradeniya, and Former UGC Member, Prof.Uma Kumarasamy, Former Vice Chancellor of the Open University of Sri Lanka as a consultant and Mr.Tissa Nandasena, Former Secretary, UGC, to prepare the University Calendar and Management Guide, and the above was developed through a participatory process. The Senate at its 416th meeting held on 20th September 2016 recommend the By-Laws and proposals in order to adopt them for good governance in consistent with the Universities Act and U.G.C Circulars.

The Management Guide for University Employees-University of Jaffna is designed and developed with the intention of providing vital information in a simplified form, required for an employee to perform his duties efficiently, as a partial fulfillment of best practices in good governance. The Guide consists of two parts: Part One includes the evolution of University system in Sri Lanka since the latter part of the 19th century, history of the University of Jaffna, organizational arrangement, administrative structure including Officers and Authorities and powers vested in them, and general administrative and financial management procedures with regard to all main activities, delegation of responsibilities across various administrative and service Departments/Divisions/Centers/Units etc. Part Two of the Guide includes a brief profile on each administrative Department and Division including Faculty administration and office manuals developed for major activities coming under their purview.

Content of the University Hand Book with Operational Manuals is given below;

1. Vision , Mission and Goals of the University
2. University Crest
3. University Organization
4. Chancellor and Executive Officers of the University

5. Governance and Management
6. Historical Background of the University
7. Academic Entities
8. Library
9. Strategic Planning and MIS Unit
10. Coordinating Mechanism for Promoting Research and International Collaboration
11. Academic Support Entities
12. Extension and Outreach Services
13. Resource Centres
14. University Admissions
15. Student welfare and Student Disciplinary system
16. Codes of Conduct
 - 16.1. Code of Conduct for Students
 - 16.2. Code of Conduct For Academics
 - 16.3. Code of Conduct for Non-Academics
 - 16.4. Code of Conduct for Administrative Staff
 - 16.5. Code of Research Conduct & Research Ethics
17. Policies
 - 17.1. Academic Development and Planning
 - 17.2. Internal Quality Enhancement System and Framework
 - 17.3. Gender Equity and Equality
 - 17.4. Intellectual Property
18. By-laws
 - 18.1. Student Discipline
 - 18.2. Sexual and Gender Based Violence
 - 18.3. Examinations
 - 18.4. Award of Honorary Degrees
 - 18.5. Convocation
 - 18.6. Operation of faculty of Graduate Studies
 - 18.7. Operation of Centres and Units
 - 18.7.1. Staff Development Centre
 - 18.7.2. Centre for Open and Distance Learning
 - 18.7.3. Centre for Human Resource Advancement

3.3 Reforms

3.3.1 Establishment of Faculties

3.3.1.1 Faculty of Technology

The Faculty of Technology is the latest addition of newly established faculty of the University of Jaffna. The Higher Education Ministers' order of Establishment is gazetted on the 29th of March 2016, Gazette No: 1960/9. The Faculty was established with three departments, namely;

1. Department of Engineering Technology,
2. Department of Biosystems Technology,
3. Department of Interdisciplinary studies.

The Council of the University of Jaffna, at its 408th meeting held on 02nd April 2016 appointed Prof.K.Kandasamy as the acting Dean of the Faculty from the 04th of April 2016 to the 30th of September 2016. On the retirement of Prof.K.Kandasamy, Prof.S.Srisatkunarajah was appointed as the acting Dean from the 1st of October 2016.

3.3.1.2 Proposal to Establish the Faculty of Marine Sciences and Aquatic Recourses Technology at the University of Jaffna

The Senate at its 400th meeting held on 26.05.2015 nominated the following members to the subcommittee for establishing the Faculty of Marine Sciences and Aquatic Resources Technology.

Prof.(Mrs.)S.Kuganathan,	Chairperson and Convener, Head/Fisheries and Chairperson of the Committee
Prof. (Ms.) P. R. T. Cumararatunge,	Member, Senior Professor, Dept. of Fisheries and Aquaculture, University of Ruhuna
Dr. K. Chithiravadivel	Member, Retired Associate Professor, Dept. of Zoology
Dr.S.Sivasegaram	Member, Former Senior Professor, University of Peradeniya
Mr. W.Venkatesh Luckshman	Member, Senior Lecturer, Dept. of Zoology
Dr. (Mrs.) R. Gnaneswaran	Member, Head/Zoology
Dr. (Miss) J. Sinniah	Member, Head, Department of Animal Science
Prof.P. Vinobaba	Member, Professor, Dept. of Zoology, EUSL

A Proposal developed by the above team has been forwarded by the Faculty of Science, was submitted to UGC after obtaining the approvals of the Senate at its 415th Meeting held on 23.08.2016

3.3.2.5. Forming the Industrial Training and Career Guidance Unit (ITCGU) at the Faculty of Engineering

Constitution of Industrial and Career Guidance Unit (ITCGU) and Terms of Reference (TOR) of the Industrial Training Program was recommended by the 35th meeting of the Faculty Board, and approved by the Senate at its 418th meeting held on 18.11.2016.

3.3.2.6. Proposal for the Department of English Language Teaching (DELT)

Proposal for Department of English Language Teaching (DELT) at Vavuniya Campus was submitted, according to the UGC decision to upgrade all the ELTU; of Sri Lankan Universities and Campuses as Department, in December 2016, The Senate and the Council approved on 24/01/2017 and 28/01/2017 respectively, Approval from the UGC is awaited.

3.3.2.7. Proposal for the Establishment of Department of Home Economics

The proposal for establishment of Department of Home Economics has been submitted to the Faculty of Arts in December 2016 and approved by the Senate and the Council on 24/01/2017 and 28/01/2017 respectively, Approval from the UGC is awaited.

3.3.2.8. Proposal for the Department of Translation Studies

Proposal for upgrading the Unit of Translation studies, as Department of Translation Studies, at the Faculty of Arts, is submitted for the approval of the Faculty Board of Arts.

3.3.2.9. Establishment of Internal quality Assurance Unit

Internal Quality Assurance Unit has already been established at the University of Jaffna on 28.07.2015 and Prof.S.Srisatkunarajah was appointed as the Director /IQAU & workshop was conducted for 3 days at Jetwing hotel. Three representatives from each Faculty participated in the workshop at the end of the workshop 13 monitoring tools have been developed. Action plan was also prepared to implement it from 2017 onwards.

3.4 Commencing New Degree Programs

3.4.1 Bachelor of Science in Nursing

Unit of Allied Health Sciences of Faculty of Medicine has decided to enroll the Diploma holders (Nursing) laterally into B.Sc Nursing Degree program. Professional Nurses, who are in service and working under the Ministry of Health or Provincial Ministry of Health, would be eligible for the lateral entry into Bachelor of Science (Nursing) degree. This proposal was approved by the Senate at its 413th meeting held on 21th June 2016 and the 411th meeting of the Council held on 25th June 2016.

3.4.2 Bachelor of Business Administration

(Tourism and Hospitality Management) Special degree program

The proposal of the Bachelor of Business Administration (Tourism and Hospitality Management) Special Degree Program was approved by the Senate at its 391st meeting held on 19th August 2014, and the 394th meeting of the Council held on 11th October 2014. Approval from the UGC is awaited.

3.4.3 Bachelor of Science in Sports Science

The Senate subcommittee consisting of Prof.S.Srisatkunarajah, Prof.Nobel Surendran and Prof.R.Vigneswaran prepared a Curriculum to commence a degree program in Sports Science. It was approved by the Senate at its 410th meeting held on 23rd March 2016, and the 409th meeting of the Council held on 30th April 2016 UGC approved the above degree program in Sports Science on 29.08.2016.

3.4.4 Proposal to the Bachelor of Technology Honours Degree Program

Bachelor of Technology Honours Degrees

Since 2013, the UGC standing committee on technology had been working on the Basic framework for Bachelor of Technology Degrees based on the report on “Science Education: Present Status and Future Direction” by the Standing Committee on Science. At its inception the UGC Standing Committee on Technology was constituted with the Deans of the Faculties of Science of the Universities of Sri Lanka. Accordingly then the Deans of the Faculty of Science Prof.K.Kandasamy functioned as a member of UGC Standing Committee till July 2013 for a six months period and then Prof.S.Srisatkunarajah functioned as a member from July 2013 to July 2016. Later on Dr.(Ms).S.Sivachandran was also invited to join as a member of the Standing Committee in the capacity of Dean Agriculture.

With the collaborative efforts at the UGC Standing Committee level, the Vice – Chancellor Prof.(Ms).V.Arasaratnam entrusted Prof.S.Srisatkunarajah and Prof.K.Kandasamy to coordinate the development of the proposal of the Faculty of Technology and the Curriculum for Engineering Technology and Prof.G.Mikunthan and Dr.G.Thirukumaran to coordinate the development of the curriculum for Biosystems Technology. Proposal for the establishing the Faculty of Technology was accepted by the UGC and the Faculty was established in March 2016 with three departments namely;

- (1). Department of Engineering Technology
- (2). Department of Biosystems Technology
- (3). Department of Interdisciplinary Studies

With the intention of admitting students in the Academic year 2015/2016, valuable services of the following academic staff were obtained to design the Curriculum for the degree programmes as follows

Degree Program	Contributes
Engineering Technology	<ul style="list-style-type: none"> • Dr.(Ms).Premala Sivasekaram Open University, Nawala, Nugegoda, Sri Lanka • Eng Ravi De Mel Open University, Nawala, Nugegoda, Sri Lanka • Prof.P.Ravirajan Faculty of Science • Dr.A.Anbruvael Faculty of Engineering • Dr.N.Sathiparan Faculty of Engineering • Dr.(Ms).A.Sinthuja Faculty of Technology • Eng.N.Sakthivel Nathan Faculty of Technology • Eng.S.Gowthaman Faculty of Technology • Eng.A.P.R.P.Ambagla Faculty of Technology • Dr.S.Sivapathasundaram, UK Faculty of Technology • Prof.S.Srisatkunarajah Faculty of Technology • Prof.K.Kandasamy Faculty of Technology
Biosystems Technology	<ul style="list-style-type: none"> • Dr.G.Thirukumaran Faculty of Agriculture • Dr.S.Vasantharuba Faculty of Agriculture • Prof.(Ms).V.Arasaratnam Vice – Chancellor

	<ul style="list-style-type: none"> • Prof.S.N.Surendran Faculty of Science • Prof.G.Mikunthan Faculty of Agriculture • Prof.(Ms).T.Mikunthan Faculty of Agriculture • Dr.(Ms).S.Sivachandran Faculty of Agriculture • Dr.(Ms).J.Sinnaih Faculty of Agriculture • Dr.(Ms).R.Gnanavelrajah Faculty of Agriculture • Dr.K.Sooriyakumar Faculty of Agriculture • Mr.M.Prabhakaran Faculty of Agriculture • Ms.A.Nivethika Faculty of Technology • Ms.S.Sukirtha Faculty of Technology • Ms.J.Rajeetha Faculty of Tecchnology
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The Senate, at its 419th meeting held on 16th December 2016 approved the Curriculum for Bachelor of Technology Honours degrees.

3.4.5 Bachelor of Information and Communication Technology (BICT)

(New degree programmer for Technology Stream)

Bachelor of Information and Communication Technology (BITC) is a Professional degree program which aims to produce ICT professionals meeting the SLQF level 6 and CSSL accreditation standard. Duration of the degree progeamme is four years. BICT would be unique in the sense that the programme is designed to impart knowledge and skills in information computing and application programming. The Names of the Degree shall be ‘Bachelor of Information Communication Technology Honors degree’. 74 students were admitted for this degree program in the academic year 2015/2016.

3.4.6 BBM in Project Management Degree Programme

In today's highly competitive market, project management has become one of the most valued skills in all types of organization. To thrive in the market, it is essential for organizations to deliver their projects in time. Rather than the methods used by organizations is developed in order to plan, co-ordinate and control the complex and diverse activities of modern industrial and commercial projects. All projects share one common characteristic – the projection of ideas and activities into new endeavors. In order to fulfill the project management requirements, the Department of Economics and Management, Faculty of Business Studies has introduced the new degree program (Three years duration) in Project Management. This is the first degree program is available for undergraduate students in Sri Lanka. The first batch of students has entered on 18th April 2016.

3.4.7 Certificate Course in Molecular Biology, Laboratory Techniques

The Department of Zoology has submitted a proposal to offer self finance certificate course in Molecular Biology Laboratory Techniques. The Faculty Board, The Senate and the Council approved the above proposal on 12/7/2016, and 27/05/2017 respectively.

3.5 Memorial Lectures 2016

1. Kailasanathakurukkal Memorial Lecture

Kailasanathakurukkal Memorial lecture on “சிவாகம மரபில் திருக்கோயிற் பண்பாடு- தொன்மையும் சமகால செல்நெறியும்” was delivered by Prof.P.Gopalakirushna Iyer, Emeritus Professor, Former Dean/Arts, University of Jaffna on 30th September 2016.

2. Dr.Arunasalam Sivapathasundram Memorial Lecture

The above memorial lecture was delivered by Prof.Pujitha Wickramasinghe, Professor in Paediatrics, University of Colombo, on “Childhood obesity; the silent epidemic on 19th February 2016.

3. Prof.Alagaiah Thurairajah Memorial Lecture

The above memorial lecture was delivered by Prof.S.B.S.Abeykoon, Senior Professor in Civil Engineering, University of Peradeniya on “Ethics for University Teachers” on 10th November 2016.

4. Prof.Vithiananthan Memorial Lecture

The above memorial lecture was delivered by Dr.S.Sivalingarajah, Retired Professor, former Head, Dept. of Tamil, Faculty of Arts, on “ புலமைச் சிரத்தைக்கு உட்படாத தமிழ்க் கவிதைப் பாரம்பரியம்” (தனிப்பாடற்றிரட்டினை முன்னிறுத்திய நோக்கு) on 19th May 2016.

5. Prof. Sivagnanasundram Memorial Lecture

The above Memorial lecture was delivered by Prof. M.Ragunathan, Dept. of Tamil, Faculty of Arts, on “நந்தியின் நாவல்களில் சமூக நோக்கு” on 29th June 2016.

6. **Prof. Sivapathasuntharam Mageswaran Memorial Lecture**

The above memorial lecture was delivered by Prof. Simon Higgins on “Gone Fishing: studying Metal/Molecule/Metal junctions with scanning Probe Microscopy” on 7th November 2016.

7. **Late Dr.N.Balakrishnan Memorial Lecture**

The Memorial Lecture of Late Dr.N.Balakrishnan –(First Rector of Vavuniya Campus) held on 27th June 2016. Dr.S.Santhirasegaram, Senior Lecturer, Department of Economics, University of Jaffna, delivered the lecture on the topic of “Interest Income of Depositors- Do Depositors Gain in Sri Lanka?”

8. **Lady Leelavathy Memorial Lecture**

The above memorial lecture was delivered by Dr.(Mrs.) Anusha Shathiyaseelan, Head Dep. of Education, Faculty of Arts, University of Jaffna, on “ வட இலங்கையில் யுத்தத்திற்கு பின்னரான குழமைவினாள் மனித நேய விழுமியப் பேணலும் கல்வியின் பங்களிப்பும்” on 22nd January 2016.

9. **Sir Pon Ramanathan Memorial Lecture**

The above memorial lecture was delivered by Prof.Jegath Weerasinghe , Director, Post Graduate Institute of Archaeology, University of Kelaniya, on “ Conserving Buddhist stupas and religious Nationalism in Sri Lanka” on 21st January, 2016.

3.6 Students and Staff Achievements

3.6.1 Vavuniya Campus

Sri Lankan Institute of Marketing (SLIM) Gold Medal

The Sri Lanka Institute of Marketing Gold Medal awarded to Mr.J.A.A.S.A.Perera for best performance in specialization in Marketing Management at the 32nd Convocation.

Fellowship

Australia Awards Fellowship 2016 was awarded to Mr.A.Thayaparan, Senior Lecturer, Dept of Economics and Management, Faculty of Business Studies attend the fellowship programme on developing Economic and Social Goals (Sri Lanka in the field of Economics and Econometrics held on 05-23 December 2016 at Griffit University, Queensland, Australia.

3.6.2 Faculty of Engineering

Mrs. J. PratheebPratheeba a obtained PhD research scholarship

Mrs. J. Pratheeba offered a studentship from Faculty of Physical Sciences and Engineering, University of Southampton, UK for her Post graduate research under the supervision of Prof. Mahesan Niranjana and Dr Christopher Woelk. It is a full studentship comprises overseas

tuition fees and maintenance fees from 29th of September 2016 to 28th of September 2019. This studentship is fully supported via an ECS studentship award held in Electronics and Computer Science department. Her research area is Machine Learning with bioinformatics.

Mr T. Kankeyan obtained M.Phil research scholarship

Mr T. Kankeyan obtained University SRC Grant to do the MPhil research at University of Moratuwa. His research title is “Modelling, Experimental Investigation and Economic Analysis of Organic Rankine Cycle for Electricity Generation”.

Mr S. Thananjeyan obtained PhD research scholarship

Mr S. Thananjeyan obtained scholarship for reading PhD at the department of Electrical and Electronic Engineering of University of Melbourne since 9th January 2017. He received Melbourne Research Scholarship which is an Elite PhD Scholars' Programme jointly offered by the University Grant Commission of Sri Lanka and Melbourne School of Engineering, University of Melbourne, Australia.

Fourth year Special Degree Media Studies students produced 15 number of Documentary Films on various social, political and cultural issues in Jaffna Peninsula

Mr.Thiruchchelvam Thiwakar, Fourth year student of Media Studies won the International Award for his Documentary Film titled ‘Munai’ at ‘Jaffna International Cinema Festival – 2016’

3.6.3 Awards Received in 2016

- 1) Best solution oriented thesis award received for the undergraduate research supervision at Faculty level from the UBL best thesis Award, for the thesis titles “Branding Problems of Jaffna Made Products
- 2) Best solution oriented thesis award received for the undergraduate research supervision at University level from the UBL best thesis Award, for the thesis titles “Branding Problems of Jaffna Made Products”
- 3) The presentation titled “Yield and Nutritional quality of three fodder grasses in the Northern Region of Sri Lanka” by M. Sarmini was adjudged as the best presentation in the session on Agrostology and Aquaculture at the Twentyeighth Annual Congress of Postgraduate Institute of Agriculture, Peradiniya, Sri Lanka November 17-18, 2016.
- 4) M. Sarmini was adjudged the first runnerup among the student presenters of PGIA, for the presentation titled “Yield and Nutritional quality of three fodder grasses in the Northern Region of Sri Lanka” at the twenty Eighth Annual Congress, November 17-18,

2016 by the Alumni Association of the Postgraduate Institute of Agriculture, Peradeniya, Sri Lanka.

- 5) Prize for the Best solution Oriented Thesis Award-2016, given by the University Business Linkage Initiative Program University of Jaffna(Approved by the UGC-commission Circular 10/2016, For Undergraduate Research Supervision on “Micro Remediation of Used oil (Petroleum hydrocarbon) contaminated Ground water.
- 6) Received Best Academic Researcher Award for Scientific Research from South Asian ASDF international global awards in India.
- 7) Travel Grant – 2016 (Rs. 20, 000.00), from UGC Special allocation for Strengthening Research to present research paper in the International Conference Nano Science and Nano Technology (ICNSNT-2016) in Colombo, Dec 2016.
- 8) Travel Grant – 2016 (Rs. 100, 000.00), from UGC Special allocation for Strengthening Research to present research paper in the International Conference Nano Science and Technology-2016 in Singapore, Sept 2016.
- 9) Certificate of Reviewing, Arabian Journal of Chemistry, Elsevier, in recognition for the review made for the journal, March 2016.

3.7 Higher Education for the Twenty-First Century (HETC Project) (Final Progress Report of the HETC Project as 31st March 2016)

History of the HETC Project

The Democratic Socialist Republic of Sri Lanka has received a credit of US \$ 40 Million from the International Development Association (IDA) towards the cost of Higher Education for Twenty First Century (HETC) Project and the main objective is to enhance the capacity of higher education system and to deliver quality of higher education services in line with equitable, social and economic development needs of the country. Under the above project the University of Jaffna had got RS. 333,655,644.94 for nine projects. The progress of each Grant as at 31st March 2016 is given below.

#	Project	Grant (LKR)	Actual (LKR)	Commitments(LKR)	Total (LKR)(Commitments +Actual)	Balance (LKR)	% On Actual	% On Commitments + Actual
1	UDG	77,000,000.00	68,748,827.04	-	68,748,827.04	8,251,172.96	89.28	89.28
2	EDP	20,000,000.00	15,198,402.30	3,743,150.00	18,941,552.30	1,058,447.70	75.99	94.71
3	IDAS	59,650,000.00	56,194,262.82	1,491,548.00	57,685,774.82	1,964,225.18	94.21	96.71
4	BBA	20,000,000.00	18,929,777.52	-	18,929,777.52	1,070,222.48	94.65	94.65
5	Bio Science	25,000,000.00	24,996,439.18	-	24,996,439.18	3,560.82	99.99	99.99
6	Physical Science	25,000,000.00	23,424,082.27	-	23,424,082.27	1,575,917.73	93.70	93.70
7	Agriculture	25,000,000.00	24,463,311.30	105,933.96	24,569,245.26	430,754.74	97.85	98.28
8	HRD	75,687,500.00	58,280,600.80	226,201.70	58,506,802.50	17,180,697.50	77.00	77.30
9	Library	6,318,164.94	6,318,164.94	-	6,318,164.94	0.00	100.00	100.00
TOTAL		333,655,664.94	296,553,832.17	5,566,833.66	302,120,665.88	31,534,999.11	88.88	90.55

As per the statement of financial performance as at 31.03.2016, the overall performance of all HETC grant inclusive of commitments is as follows,

Type of Grant	Percentage	Rank
(a) Overall performance of the Grant	90.58%	-
(b) Performance of QIG Grant		
(i) BBA	94.65%	3
(ii) Bio Science	99.99%	1
(iii) Physical Science	93.70%	4
(iv) Agriculture	98.28%	2
(c) Performance of University Development Grant		
(i) UDG	89.28%	3
(ii) EDP	94.71%	2
(iii) IDAS	96.71%	1
(d) Library Grant	100%	-
(e) Human Resource Development	77.30%	-

Winding up of HETC – Project Grants.

According to the PPDU instruction, all activities related to above Grant had come to end on 31st of March 2016.

3.8 Student Registration and Graduate Output

3.8.1 New Admission for the Academic year 2014/2015

The Chairperson informed the details of number of Students registered for each course as follows;

	Faculty / Unit	Course	Proposed intake	Registered
University of Jaffna	Medicine	Medicine	135	141
		Pharmacy	35	27

		Medical Laboratory Sciences	35	23
		Nursing	40	31
	Agriculture	Agriculture	100	81
	Engineering	Engineering	75	48
	Science	Biological Science	125	86
		Physical Science	300	248
		Computer Science	50	34
	Siddha Medicine	Siddha Medicine	50	46
	Faculty of Management Studies and Commerce	Management	300	293
		Commerce	100	80
	Arts	Arts	500	245
		Arts Additional		266
		Law	50	47
		Dance	70	71
		Music	95	69
		Art & Design	30	29
		Translation Studies	25	24
Vavuniya Campus	Faculty of Applied Science	Information & Communication Technology	75	71
		Physical Science	50	34
		Bio Science	50	27
	Faculty of Business Studies	Management Studies	100	98
		Project Management	50	43

***Foreign Students**

3.8.2 New Batch of Student admission from 2014(A/L)

Faculties/ Departments/ Units	Dates of Student admission
Faculty of Engineering	09.11.2015
Faculty of Medicine	18.11.2015
BBM online 6 th batch	10.05.2016
BBM 1 st batch (Vavuniya Campus)	18.04.2016
Faculty of Management Studies & Commerce	21.01.2016
Allied Health Sciences, Faculty of Medicine	13.01.2016
Dept. of Law, Faculty of Arts	14.12.2015
Faculty of Agriculture	01.02.2016

Siddha Medicine	10.02.2016
Faculty of Arts	15.02.2016
Faculty of Science	28.01.2016
RAFA, Faculty of Arts	17.02.2016
Applied Science	20.04.2015
Business Studies	20.04.2015

3.8.3 Students Number

After 2010, the student admission to University of Jaffna has been normalized. The students from all the districts enter the University. This has led to a remarkable increase in the student number. Student intake has been almost doubled from 2010 to 2016. The table shows the increase in the student Number.

Year of Registration	Student Number		
	In Jaffna and Killinochchi	Vavuniya Campus	Total
2010	3380	348	3728
2011	4720	594	5314
2012	5202	606	5808
2013	5737	730	6767
2014	6240	763	7703
2015	7024	716	7740
2016	7399	347	7746

3.8.4 Number of Graduates

Degree	Number of Graduates
Doctor of Philosophy	03
Master of Philosophy	15
Master of Education	102
Master of Arts (Tamil)	40
Master of Science (Health Management)	02
Post Graduate Diploma in Population Development Studies	01
Post Graduate Diploma in Library and Information Science	01
Bachelor of Science (Agriculture)	49
Bachelor of Laws	50
Bachelor of Fine Arts (Music)	79
Bachelor of Fine Arts (Dance)	58

Bachelor of Fine Arts (Art & Design)	26
Bachelor of Arts (General)	116
Bachelor of Arts (Special)	268
Bachelor of Arts (Opted)	-
Bachelor of Business Administration (Special)	248
Bachelor of Business Administration (General)	11
Bachelor of Medicine and Bachelor of Surgery	104
Bachelor of Science (Nursing)	10
Bachelor of Science (Medical Laboratory Sciences)	16
Bachelor of Pharmacy	6
Bachelor of Science (Computer Science)	12
Bachelor of Science (Special)	89
Bachelor of Science (General)	79
Bachelor of Science Special (Computer Science)	05
Bachelor of Siddha Medicine and Surgery	32
Bachelor of Information and Communication Technology (Special)	14
Bachelor of Information and Communication Technology (General)	24
Bachelor of Science (Environmental Science) (Special)	6
Bachelor of Science (Environmental Science) (General)	18
Bachelor of Science (Applied Mathematics and Computing)	14
Bachelor of Business Management (General)	27
Bachelor of Business Management (Special)	88
Bachelor of Computer Science	01
Bachelor of Applied Science	15
Bachelor of Science in Information and Communication Technology (Special)	14
Bachelor of Commerce (General)	03
Diploma in Journalism	14
Diploma in Physical Education	05
Diploma in English Language (Extension)	13
Total	1777

3.8.5 Increasing the Number of intake for the Post Graduate Diploma in Education (Full Time)

The Chief Commissioner, Ministry of Higher Education Battaramulla, with the sent of the University of Jaffna had informed that one hundred students to be admitted to the University of Jaffna, to follow the

Post Graduate diploma in Education (full time) for the academic year 2014/2015. This number is compared to High with the previous years. Earlier average intake was between 65 and 75.

3.8.6 Admitting Double Batch of Students to the B.F.A Degree Programme

In October 2016, Double batch of students to the Bachelor of Fine Arts Degree Programme had been admitted for the Academic year 2014/2015 and 2015/2016.

3.9 Cadres

The University has obtained a total of 110 cadres to Faculty of Engineering, Faculty of Agriculture, Faculty of Technology and General Administration at Jaffna and Vavuniya Campus were obtained. The members from the Department of Management Services have visited to review the needs of the cadres available and to provide new cadres.

General Administration- Hostels	
Full time Sub-warden	3
Labourer	3
Sub Total	06
Faculty of Engineering	
Senior Lecturer/ Lecturer	19
Temporary Instructor	13
Draughtsman	01
Temporary Research Assistant	01
Sub Total	34
Faculty of Technology	
Senior Lecturer/ Lecturer	12
Temporary Demonstrator	12
Assistant Registrar	01
Assistant Bursar	01
Management Assistant	03
Office Aid	02
Technical Officer	03
Mechanic	01
Lab Attendant	03
Sub Total	38
Faculty of Agriculture- Integrated farm & Training Centre	
Field Supervisor	1
Tractor Operator	1

Labourer	10
Sub Total	12
Vavuniya Campus	
Senior Lecturer/ Lecturer	08
Temporary Demonstrator	05
Temporary Assistant Lecturer	01
Technical Officer	02
Lab Attendant	02
Works Engineer	01
Office Aid	01
Sub Total	20
Summary	
Academic	39
Academic Supporting (Temporary)	32
Administrative	03
Non academic	36
Total	110

3.10 Conferences – 2016(Faculty Level)

3.10.1 Faculty of Arts

3.10.1.1 Jaffna University International Research Conference (JUICE-2016)

In 2016, International Research Conference of Jaffna University was on August 12-13, 2016, an evident for high level of analytical and systematic researches presented; more on them have been cited. With a timely theme, “Towards a Greener Future” the panels consisted of researches not only in limited to climate goals, emissions reduction, clean energy and new bio-economy, but also on various tracks including sciences, commerce and management, engineering, education, humanities and technology, was an ideal platform to discuss various issues related to the greener future. This further leads to the interaction among multiple discipline and thus pave way to resolve issues related to the theme through various actions and developments.

The program held at Tilko City Hotel, Jaffna, presided by the Vice Chancellor Snr. Prof. Vasanthi Arasaratnam, the Chair of the JUICE Committee 2016. The event was inaugurated with the welcome address by the Programme Chair, Prof. Subathini Ramesh.

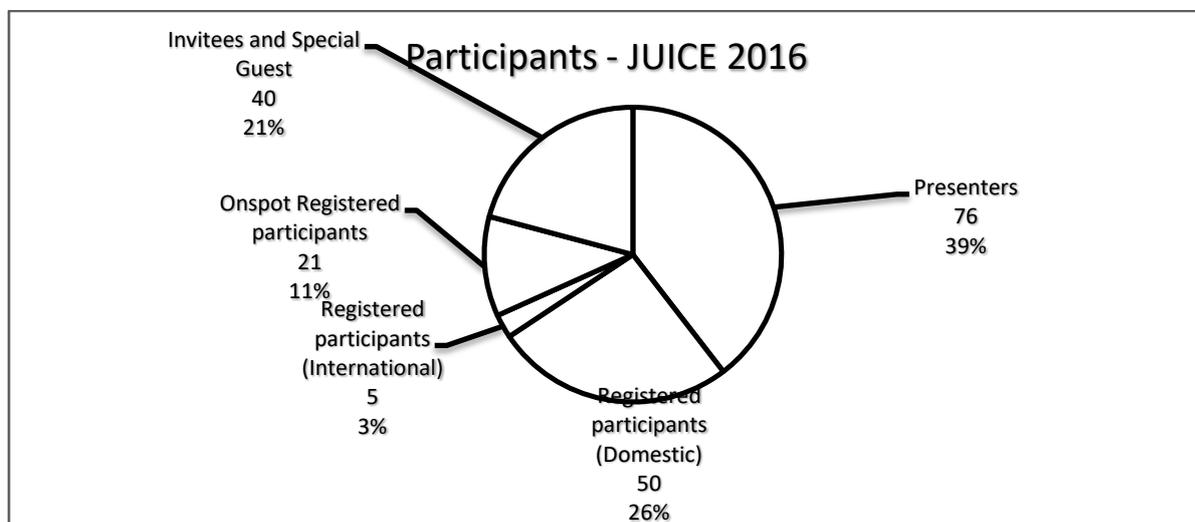
Editor in his speech articulated that although JUICE received 169 proposals for the presentation this year, however, in assuring the high quality of research, methodological perspective to reach constructive conclusion and with recommendations, after having blind peer reviews, only 76 were accepted to present.

The Plenary Speech of the Conference was given by Dr.Arumugam Kandiah who has completed his PhD in Water Resources Engineering, at the University of California, delivered his speech on the topic of “Towards a Greener Food Production System.”

The technical sessions on the second day were held in 12 sessions, under the following themes.

Sessions	Themes of the Session	Convener	Papers
1	Education for Better Future	Prof. K. Sinnathamby	7
2	Regional Studies: Socio Economic Perspectives	Dr. T. Bhavan	7
3	Towards Greener Societies: Multi-Disciplinary Perspectives	Prof. N. Shanmugalingan	8
4	Sports for Healthier Society: Issues, Methods and Alternatives	Dr. M. D. Ranaweera	7
5	Eco System and Waste Management	Prof. Meena Senthilnathanan	4
6	Greener Future through Science and Technology	Prof. J. P. Jeyadevan	4
7	Health through Non Pharmacological Approaches & Life style modification	Prof. K. Sivapalan	7
8	Greener Agriculture	Prof. (Ms.) T. Mikunthan	7
9	Greener Environment	Prof. G. Mikunthan	3
10	Green Marketing	Dr. A. Saravanabavan	7
11	Green Human Resource Management	Dr. P. I. N. Fernando	7
12	Reflection on Language: A ladder for human transcendence	Snr. Prof. N. Gnanakumaran	9

There were 72 papers presented at the Conference with the participation of academics, students (both registered) 76, on them 2 from Nigeria and 3 from India. The following pie chart explains the percentage of participants in detail.



The Keynote Speech was delivered by RanjitKoodali, a PhD scholar from Indian Institute of Technology Madras currently serving as the Professor of Chemistry, Dean of Graduate School, University of South Dakota, United States of America. Dr.RanjitKoodali addressed on the Application of Nanoporous Materials towards a Sustainable Future.

Feedback

The following chart indicates the feedback of the Conference. Feedback was collected by surveys and feedback form.

Description	Unsatisfied	Satisfied	Highly satisfied	Can't say	Total answered
Overall satisfaction	1	46	26	0	73
Overall satisfaction with arrangement	2	36	33	1	72
Overall satisfaction of the format (sessions)	2	33	33	5	73
Overall satisfaction with breaks and reception	2	36	37	3	78
Overall satisfaction with facilities	1	39	37	2	79
Overall satisfaction with location	4	27	39	1	71
100% will recommend this conference to their colleagues					

3.10.1.2 International Saiva Conference on “Thiumurais and Agamas” 2016

The Department of Hindu Civilization, one of the pioneer Departments of Faculty of Arts, University of Jaffna since 1974, organized its first international Saiva conference on 12, 13 & 14 of February 2016 for three days with high sense of devotion. “Elements of Saiva Culture and Thoughts of Social Harmony as expounded in the Saiva Agamas and Thirumurais” was the theme of the conference (ISC - 2016).The Conference was inaugurated with special Pujas performed on Friday 12.02.2016at 1.30p.m.at the Sri Parameshwaran Temple of University of Jaffna.

The University Campus was colorfully decorated with banners, Makara Thorana, Nandi Flags, garlands and plantain trees and flourished with festive exposition. The Saiva well wishers, participants of the Conference and the academics gathered at the temple. The Chief Guest, Special Guests, Guests of Honor, Keynote Speaker, Sivacharya, Professors, Lecturers, Dikshitor from the Chidampadam Temple,Tamilnadu, and the students were taken in procession from the Temple to the Kailasapathy Auditorium of University of Jaffna, the venue of the conference along with magala vadyam.

On the first day 12.02.2016 the conference was inaugurated with Prof.M.Vethanathan, Head of the Department of Hindu Civilization, University of Jaffna as the Chairperson, Snr.Prof Vasanthi Arasaratnam, Vice-Chancellor of University of Jaffna graced the function as the Chief Guest.The Lectures and Students of the Department of Dance, RAFAof University of Jaffna jointly performed the “Pancha purana” Dance on the inauguration day, which created a divine atmosphere.

The Inauguration address was delivered by Emeritus Prof.P.Gopalakrishna Iyer,which was followed by the Presidential address by Prof M.Vethanathan,and the keynote address by Prof.G.Baskaran,Vice-Chancellor of Tanjavur University and the address by Dr.(Mrs.)Suganthini Srimaralitharan Co-ordinator of the Conference and the welcome address by Dr.(Mrs).Vigneswary Pavanesan, Secretary of the Conference, and the special guest address by Hon.Mr.A.Nadarajan Consulate – General of India, Jaffna and the guest of Honor address was delivered by Saiva Pulavar M.Thirugnanasambantha pillai, the President of All – Ceylon Saiva Pulavar Sangam. The Guests were honoured ponnadai and garlands and presentation of Memorial shield, at the Kailasapathy Auditorium.

On the first day the “Aaivadankal” the Research volume of the Conference was released which consisted of 710 pages and 85 Research articles submitted for the participants of the Conference.

The proceedings of the Conference on the 2nd day were well conducted on Saturday 13rd February 2016, from 8.30 A.M to 4.30 P.M and on Sunday 14th February 2016 from 8.30 A.M to 12.30 P.M. The panels were conducted in different Venues. They are:

1. Prof.K.Kailasanathakukkal Aranku
2. Sri La Sri Arumuka Navalur Aranku
3. Swamy Vipulananthar Aranku
4. Sri La Sri Swaminathar Pandithar Aranku
5. Sir Pon.Ramanathan Aranku

Research articles were submitted by the scholars in each panel in two venues under two chairpersons. It is a notable feature in the history of University of Jaffna that a good number of scholars, well wishes, researchers and students participated in each and every panel. Every participant of the conference was honored by the presentation of certificates and Memorial shields. All the participants of the Conference were served with refreshments, soft drinks and lunch which was a gesture of Hindu culture. The Professors and the Heads of Departments of all the faculties presided over the Research panels and the younger Lecturers extended their co-operation as Co-ordinators.

The final day proceedings were presided over by Emeritus Prof.P.Gopalakrishna Iyar, Former Head of the Department of Hindu Civilization and Dean of the Faculty of Arts of University of Jaffna.

Prof.S.Pathmanathan, Hon. Chancellor of University of Jaffna graced the function as the Chief Guest.

The Special Lecturers were note worthy at the Conference, Sivathamil Selvar Mr.S.Vinayagamoorthy; Former Lecturer of Department of English of University of Jaffna delivered a talk on “Sivaneriya Thamil”.Senchotselvar Dr.Aru Thirumurugan president of Tellippalai Durgadevi Thevasthanam delivered a talk on “Menmaikol Saiva Neethi”

Ptof.V. Maheswaran, Head of the Department of Tamil, University of Peradeneya, Prof.S. Srisatkunaraja, Dean of the Faculty of Science, University of Jaffna, Bramasri M.Jeyaramasarma, participant of the Conference from Australia delivered the Review of the Saiva Conference , which took place for three days .

Patrons from various fields extended magnanimous co-operation for the success of the Conference. The Faculty of Arts, University of Jaffna, Sri Munneswaran Thevasthanam, Chilaw, Nainatevu Sri Naga bhoosani Amutha Surabhi Annadanasaba, Sri Durgadevi Thevasthanam , Tellippalai, Enfield Sri Nagabhoosani Ambaal Temple of U.K waltham stow Sri Katpaka vinayagar Temple,U.K ,Elling Kanaga Durga Amman Temple, U.K , Illford Selvavinayagar Temple,U.K, Saiva Munnettrasangam ,U.K, Thubbikkaiyan Kalanchiyam, Killinochchi, Consulate General of India, Jaffna , All Ceylon Hindu Congress, Colombo, Hindu Educational Society, Colombo, Harikanan printers, Jaffna , Rajeswari Wedding Hall, Kondavil, E.S.P. Nagaratnam& Co, Jaffna Mycola Bevanages com.Pvt.Ltd, kadawatta, Thenukalanchiyam, Thirunelvely, Green Grass Hotel, Jaffna, N.S.K. & S.P.M Paper mart, Jaffna were the sponsors for the success of the conference . The organizing Committee records the above sponsors with High sense of gratitude for their generous Contributions.

On the Final day of the Conference Snr.Prof.Vasanthi Arasaratnam, Vice Chancellor, University of Jaffna, honoured Kalvi Karunyan Mr.E.S.P.Nagaratnam with ponnadai, and Garlandand presenting the memorable shield.

The Lecturers and students from eastern University of Sri Lanka, South Eastern University of Sri Lanka, University of Peradeniya, University of Sabragamuwa, Ruhunu University Participated and honoured this Saiva conference. The saivawell wishers from India, Canada, and London, Australia too participated and graced this Conference.

The Yoga Performance by the Yoga group of Mr.Santhurupan, and Mr. Umasuthan, the Directors of the yoga Arangam of Jaffna , was a special feature of this conference , The Natya Nategam, “ArankeriyaThamilvedam” jointly performed by the lecturers and students of the Department of Dance, University of Jaffna, transformed the Kailasapathy Auditorium as Elaththu Chidamparam of Chidampara Thevasthanam .

We record with great pleasure the First International Saiva Conference 2016 was organized successfully and we are left with the balance of Rs 828,464 and cents 70 and we hereby inform that we intend to

utilize this amount for own Second International Saiva Conference . The details of Accounts are submitted along with this.

We are planned to announce that the Second International Saiva Conference be organized under the theme “The excellence of Saiva Siddantha and Sri Lanka’s contribution towards it “,on February 10,11,12, 2017, for three days, which was recorded on the final day of the Conference.

3.10.2 Faculty of Agriculture

3.10.2.1 ICDA 2016: A report from the International Conference on Dry Zone Agriculture

The ICDA 2016 was held on 15th and 16th of December 2016 in the Faculty of Agriculture, University of Jaffna. The Theme of the conference was “Climate Smart Agriculture”. The conference brought together about 300 participants including speakers, chair persons, presenters, co-authors, student and staff from other University, exhibitors and volunteers.

Welcome address was delivered by Dr. (Mrs.) Sivamathy Sivachandiran, Convener of the Conference. Special Guest, Sri Nadarajan, Indian Consulate General emphasized that the Indian Government will continue to support the development of the Faculty of Agriculture. Prof. Thushyanthy Mikunthan, Dean, Faculty of Agriculture, University of Jaffna, delivered the Chair address. She highlighted about the history and the development path of the Faculty of Agriculture. Further Prof. Vasanthy Arasaratnam, Vice Chancellor; University of Jaffna mentioned that this Conference will provide a unique opportunity to agricultural experts, and other researchers to disseminate their findings.

Prof. Sawahiko Shimada from Japan and Dr. Rangasamy Anandham from India participated as plenary speakers and Prof. Masahiro Tasumi and Dr. Yoichi Matsubara from Japan participated as keynote speakers at the conference. Prof. Sawahiko Shimada, Laboratory of Regional Environmental Information Studies, Department of Bio-production and Environment Engineering, Faculty of Regional Environment Science, Tokyo University of Agriculture, Japan presented about “Monitoring of the land surface and simulation of the water cycling aiming for sustainable water utilization”. Dr. Rangasamy Anandham, Department of Agricultural Microbiology, Agricultural College and Research Institute, Tamil Nadu Agricultural University, Madurai, India presented about “Microbial mediated Sulfur, Silica, Phosphorous and Nutrients to the Plants for Sustainable Agriculture in Dry Lands”.

Prof. Masahiro Tasumi, Regional to Global Scales, Faculty of Agriculture, University of Miyazaki, Japan presented about “Spatial Estimation of Evapotranspiration using Satellite Imagery from Regional to Global Scales”. Dr. Yoichi Matsubara, Laboratory of Horticultural Science, Faculty of Applied Biological Sciences, Gifu University, Japan presented about “Environmental Stress Management through Mycorrhizal Symbiosis in Horticultural Plants”.

Altogether 35 papers were received and 26 papers were accepted for presentation in different discipline. Second day of the ICDA, Conference exhibition were held by the following Organization.

Organization	Factual description of products or services
Palmyrah Research institute	Structural diagram of distillation plant; Model of sap based products; Nutritional facts and new products of Palmyrah; Glycemic index and Enzyme production graphs; Quality improvement of Palmyrah products
Heyles Agro holding Limited	Exhibited the products regarding primary and secondary land preparation implements on insect and pesticide, compost, planting materials, tissue culture banana production and other agrochemicals
Home taste mushroom product	Mushroom production methods and technical aspects were exhibited
Centre for Agriculture and Biosciences International (CABI) www.plantwise.org	Aim of Plant-wise is to increase food security and improve rural livelihoods by reducing crop losses. The <i>modus operandi</i> of Plant-wise Sri Lanka and hosted a crop clinic camp to extend diagnostic support to farmers in solving crop health issues in a sustainable way
Indira Group	Rain Hose Irrigation system (low cost irrigation) Four wheel tractor mounted Irrigation Channel Maker Drum Seeder & Cono Weeder for wet land Paddy New model Coconut scraper Drip tape (Irrigation)
MA's Tropical food processing Limited	Value added product of spices and condiments, export quality of the different products and services

The conference was concluded with conference dinner and cultural event by students. Mr. K.Jeyavanan, Joint secretaries of the ICDA 2016 proposed the votes of thanks for session moderators, chair persons, panelist, reviewers and presenters. He also extended his appreciations to sponsors and exhibitors for sponsoring and exhibiting the products and services. ICDA 2016 made sincere efforts to enhance the quality of the conference by organized the Exhibition by collaborating with industrial and organization with University of Jaffna in future. Around 100 farmers were invited on volunteer basis to the conference and exhibition to acquire the skills and experience.

3.10.3 Faculty of Business Studies –Vavuniya Campus

3.10.3.1 Research Conference of Business Studies (RCBS - 2016)

The first "Research Conference of Business Studies (RCBS)" was inaugurated by the Faculty of Business studies in 2016 and the theme was "Research Solution to the Real World Business Challenges". The RCBS- 2016 was successfully conducted on 24th of June 2016. In this special occasion, key note speaker was Dr. C. Samudhra Rajakumar, Professor in Business Administration, Annamalai University, India and guest addressed by Ms. Esther McIntosh, Country Director/WUSC Sri Lanka. The RCBS-2016 was a platform for academics and researchers to share their ideas and views on common research integrity issues.

3.10.4 Faculty of Management Studies and Commerce

3.10.4.1 International Conference on Contemporary Management (ICCM) - 2016

The Faculty of Management Studies and Commerce of the University of Jaffna and with the contribution of its Alumni Association have conducted its third ICCM on June 28th & 29th, 2016 at Hotel Green Grass, Jaffna. The theme of the conference was "Critical Solutions for Contemporary Management". The conference has received the attention of the researchers and professional from the country and the globe to disseminate their findings in the conference.

There are around 300 national and international scholars showed their interest in participating in the conference. Initially the conference committee received over 260 abstracts and after the rigorous blind review 130 papers were selected for the presentation of the conference and published as full paper in the proceedings as well as Journals. ICCM - 2016 acknowledges invaluable contribution of the reviewers who reviewed the abstracts and full papers within the very short timeline.

The Inaugural Plenary Session of ICCM-2016 was indeed a productive and exciting session by the distinguished participation of the University of Jaffna, Senior Professor (Ms.) V.Arasaratnam Vice-Chancellor, University of Jaffna as the Chief-Guest, Prof. G. Mikunthan, Dean, Faculty of Graduate Studies, University of Jaffna, and Dr. T. Mangaleswaran, Rector, Vavuniya Campus as the Special Guests. Moreover, two key note speakers were invited and delivered on "*The Challenge for Sri Lankan Entrepreneurs in Micro, Small and Medium Enterprises (MSMEs) in the Digital Age*" by Prof. Kanesh K Rajah, Royal Agricultural University and the other on "*Global Business Challenges and Developing Countries*" by Prof. S. Nakkiran, Ambo University, Ethiopia. On the second day, in addition to the technical sessions a panel discussion was organized on "Ethical Practices in Contemporary Environment" with Dr.Kingsley Gnanendran, The University of Scranton, USA as the moderator.

- Prof. K. A. S. Dhammika (University of Kelaniya) on "*Social Cultural Perspectives*"
- Dr. A.C. De Alwis (University of Kelaniya) on "*Economic Perspective*"
- Dr. S. Sivakumar, (Ambo University, Ethiopia) '*Environmental Perspective*'.

- Dr. (Mrs.) R. Senathirajah (University of Colombo) on ‘*Management Perspective*’.

There was a cultural event organized with the dinner in the evening of the day one. The events of the cultural programme performed by the students of the Faculty of Management Studies and Commerce except the dance performance from the Ramanathan Academy of Fine Arts.

ICCM - 2016 received generous support from the sponsors. People’s Bank, Bank of Ceylon, Sampth Bank, Cargills, and other well wishers. Before the conclusion we had the valedictory session and Dr. M .Vasan, K. S. Rangasamy College of Arts and Science, Tamilnadu, India made the valedictory address and Dr. S. Sivakumar, Tamilnadu, India made conference assessment address too. During this time number of representatives from the audience came forward and gave their feedback also.

The effort of the faculty was very success and appreciated by all who participated in the session. All witnessed great team effort in the vast organization of ICCM - 2016 with liberal support from the Vice Chancellor, Dean of the Faculty and Heads of the Department. All Event-Team members and the student volunteers for made the ICCM - 2016 a memorable event.

3.10.4.2 University Business Linkage (UBL) Initiative Programme

Staff of the Faculty of Management Studies and Commerce involve with UBL initiative Programme participated at the National event, for sharing entrepreneurs’ successes stories, which was held at Uva Wellassa University, in Badulla, on 9th of August 2016. In that event it was discussed on ‘managing UBL in future’ by the Team of UBL, from University of Jaffna, Eastern University, Southeastern University and the Uva Wellasa University.

Staff and Students of the Faculty of Management Studies and Commerce participated in the event of creativity day for solving problems of SMMEs in Northern Provinces. This Creativity week were held on 25th August at Green Grass Hotel. 06 entrepreneurs from the business Incubation cell, 15 staff from five departments and 30 students from the Faculty participated in that workshop.

For the ‘best solution oriented thesis award’ two best theses from each department were referred for the competition. For the faculty level award, five theses were selected as best solution oriented researches for SMMEs development. Miss Malathy Ramakrishnamoorthy from marketing department was selected for the award at University Level. The detail of the award winners is given below;

S.No	Candidate Name	Name of the Supervisor	Department	Title
01	Miss Malathy Ramakrishnamoorthy	Dr.(Mrs.)Shivany Shanmugathas	Marketing	Branding problem of Jaffna made products: A multiple case studies of manufacturers in Jaffna district

02	Miss Prathayini Kuruparensothynathan	Dr.James Robinson	Human Recourse Management	Repatriates 'turnover intention: A study among academic repatriates
03	M.R.Fathima Aqeela	Mrs.S.M.C.Mahenthiran Aloysius	Human Recourse Management	Impact of entrepreneurial leadership on business success of SMEs in Akkaraipattu Municipal Area.
04	Miss.Mathanika Tharmarajah	Mrs.Pratheesh Tharsika	Financial Management	Impact of Socio Demographic Factors on Individuals Investment Behaviour: A Study of Jaffna Municipal Council Area.
05	Mr.Krishnasamy Thulasikaran	Dr.(Mrs.)Rathirani Yogendrarajah	Financial Management	Impact of personal entrepreneur's characteristics on organizational development in valigamam south –west division

To explore the readiness of each department from the faculty of Management studies and commerce to support the SMMEs sector, our faculty organized an Exhibition on 6th and 7th of September at the faculty, at two diverse components.

- Creative ideas of Students and Staff for SMMEs development-In this constituent 07 creative ideas from department of marketing, 08 creativity thoughts from Department of HRM ,06 creativity notions from department of Commerce,09 creativity concepts from department of Accounting,10 creativity impressions from department of Financial Management were fetched together to share their knowledge.UBL consultant Prof.Utz Dornberger, Leipzig University, Germany, Observed the event and expressed a positive remark to the faculty's initiative programme.
- The other component was a market exhibition of North SMMEs on the theme "expedite blossoming hybrid market for the entrepreneurs. Thirty SMMEs Participated in this exhibition and identified the special market segments. It was the joined event of Business Incubation cell-Faculty of Management Studies and Commerce and the University business Linkage initiative Programme –University of Jaffna. Department of Industries - Northern Province supported to this event.

3.10.4.3 Business Incubation Cell

Staff of the Faculty of Management Studies and Commerce transcribed three solution oriented articles related to the SMMEs sector of north and magazine was published by the department of industries,

Northern Province at the provincial exhibition, on 8th of September 2016, held at urban council hall, Vavuniya. Incubation cell proposes the faculty to give permission and support to work with the department of industries to publish the magazine annually.

Web site for the Business Incubation cell has been created and launched; suggestions and ideas are expected from the staff of the faculty.

3.11 Workshops and Seminars (Faculty Level)

3.11.1 Faculty of Business Studies

3.11.1.1 Youth Leadership Development (YLD) Program

Industry Community Interaction Cell of Vavuniya Campus conducted Youth Leadership Development Program for empowering youth in community development in Batticaloa District and Vavuniya District in 2016.

3.11.2 Faculty of Engineering

3.11.2.1 Workshop on “Office 365” was conducted to all the staff members

A session for introducing Office 365 Education for Faculty of Engineering staff was held on 22nd June 2016 at the computer laboratory. Mr. S. Thananjeyan, Mrs. J. Pratheeba and Miss S. Jananie conducted the session. The contents of the session are introduction of Office 365 academic package, the usage of the package for the faculty, collaboration workspace using SharePoint sites and the use of Classroom for teaching and learning activities. The session was concluded with the hands-on lab session. Most of the academic staff of the faculty of Engineering participated in the session.

Microsoft’s Office 365 Education package is a collection of services that allows us to collaborate and share our institutional work. It’s available for free to staff and students of the Faculty of Engineering. It has the definition such as: teachers who are currently working at an academic institution and to students who are currently attending an academic institution. The service includes mail account, Office Online (Word, PowerPoint, Excel, and OneNote), 1 TB of OneDrive storage, OneDrive for business, Yammer, SharePoint sites and Microsoft Classroom.

Faculty of Engineering will be using the Office 365 Education’s facilities to provide better IT services to the staff as well as students. This session will be continued while needed for newly arrived staff and students with new improvements. The Faculty thank the three resource persons headed by Mr.S.Thananjeyan for their dedication on preparing this workshop to share their knowledge for the best services of the Faculty. Further special thanks also goes to Mr.S.Thananjeyan for his contribution on introducing this system to the Faculty.

3.11.2.2 Talks on “Soil Stabilization and Full-Depth Reclamation (FDR) in Pavement Design and Construction” by Eng Krishna Nadaraja and “Environmental Management and Project Related Experience” by Eng. Chandrikaa Balendhran

Engineers Krishna and Chandrikaa shared their experience by delivering talks, on 25th July 2016, to the Civil Engineering students. These talks covered the engineered application of chemical additives such as quicklime and cement into soil that results in permanent physical and chemical alterations. Further the environmental based sustainable development was stressed with already implemented environmental projects. These talks gave knowledge and confident to the students in terms of development projects together with the environmental concerns.

Brief of the talks and resource persons

Soil Stabilization: The engineered application of chemical additives, such as quicklime and cement into soil that results in permanent physical and chemical alterations. Physical property such as strength is enhanced, while expansive property is reduced; thus creating more stable and suitable conditions for design and construction of pavement and building foundations.

Full-Depth Reclamation (FDR): The engineered pavement recycling process in which the existing pavement materials are incorporated in to a structural pavement section through the pulverization and/or stabilization process including the mechanical stabilization, chemical stabilization and Bituminous stabilization.

Speaker 1: Krishna Nadaraja, who is a California Registered Civil and Geotechnical Engineer working for the Department of Public Works, Orange County, California for about 10 years. He was an engineering undergraduate from University of Peradeniya (1997) and finished his Master of Science in Civil Engineering in the University of Nevada, Reno (2000). He was working as a geotechnical engineering consultant for about 17 years in Southern California, USA. He is also an Adjunct Lecturer at Santiago Canyon College teaching a subject on Construction Material. He can be contact at kulakatan@gmail.com.

Speaker 2: Chandrikaa Balendhran is a California Registered Civil Engineer and a Board Certified Environmental Engineer. She is working as Senior Project Engineer with HDR Engineering Inc., and as an Adjunct Lecturer at Santiago Canyon College. She received her B.S in Civil Engineering from University of Peradeniya (1998) and M.S from University of Nevada, Reno. She has over 14 years of experience in civil and environmental engineering.

3.11.2.3 CAD-EAGER 2016 Workshop

IESL Student Chapter, Ruhuna University organized and conducted CAD-EAGER 2016 workshop on 19th of September 2016 at the faculty of Engineering, University of Jaffna in order to encourage the students to participate national level mechanical engineering design competition. 13/E and 14/E batch

mechanical engineering students participated in the workshop and then the national level competition held at BMICH on 7th of October 2016. All three groups from the faculty of engineering, university of Jaffna participated got through preliminary screening and selected for the finals. In the final, one group got good score. The workshop and competition were very well appreciated by the participants. They told that it gave them a different level exposure and confidence.

3.11.2.4 Training program on Programming Solar Measuring Station Instruments in Kilinochchi

A training program was conducted by Ammonite company staff on their data logger installed at the Faculty of Engineering on 15th September 2016. This was coordinated by Resource Management Association (RMA) Pvt. Ltd., who was helping to install this solar measuring station at Kilinochchi with the support of Sri Lanka Sustainable Energy Authority (SEA). There were more than 25 participants from Sri Lanka Sustainable Energy Authority, Resource Management Association, Technical Officers, Researchers and Academic staff from the Faculties of Engineering and Science. The training program started at 2:00pm including three sessions (i) introduction to the logger software, (ii) hands on session and (iii) discussions. The program ended with site visit at 6:00pm. The Faculty thank SEA and RMA for organizing this training workshop.

3.11.2.5 Best thesis proposal award competition among the Faculty of Engineering Students

This competition was organized by the University Business Linkage (UBL) committee on 30th August 2016. The UBL is initiated by the UGC for all the Universities with the support of GIZ. The University of Jaffna conducted several workshops and seminar to get the views of the staff and administrators and drafted a circular for establishing the UBL. A team of professors, deans and senior staff were working on it. From the faculty of Engineering, Mr.R.Valluvan and Mr.M.Vignarajah were nominated for the UBL committee.

As a one of the outcome the best thesis proposal award was conducted. Here students were ask to apply for this award with proposal and it was evaluated by a team members including Senior Engineers and Managers from the Chamber of Industry, GIZ resource persons from Germany and few Senior academic staff. It was a half day presentation and excellent opportunity for the students.

Finally three proposals out of 9 qualified submissions have been selected at the faculty level competition. The selected ones are as follows:

1. Analyzing the root cause for cable failure at Uthuru Janani power station and proposing mitigations by Mr.A.P.Yasindhu Sandaruwan
2. Automated load control system of a Commercial building by Ms.C.Supratha
3. Assessment of Performance and Development of Biomass Fired Cabinet Dryers for Higher Energy Efficiency by Mr.N.G.W.M.A.R.B.Wijethilaka and Mr.R.Neethan

The proposal which gained the first place at the Faculty level competition will get the University level recognition representing the Faculty of Engineering. There will be a final presentation for the project which obtained the highest score during the final University event. All the students from the above three projects will be receiving their certificates and awards at this event.

The UBL Jaffna team informed that all the students, whose completed theses will become eligible for next year's competition, attend the final University event to encourage participation. Hence, the students are encouraged to apply for this award with the completion of their projects.

The merit of organizing this event should go to Mr.R.Valluvan as the coordinator of the UBL activities from the Faculty of Engineering and Mr.M.Vignarajah as a member of the UBL team.

3.11.2.6 Inauguration and certificate award ceremony of Kelani Shakthi programme conducted by Department of Electrical and Electronic Engineering, University of Jaffna

The Kelani Sakthi program conducted by Tamil Medium by the Department of Electrical and Electronic Engineering of the Faculty of Engineering to produce good standard electricians to the region. The same is conducted by University of Peradeniya in Sinhala Medium.

On this regards, Kelani Cables PLC has already signed the MOU, which was recommended by the 385th senate meeting held on 18th February 2014 and approved by the 389th Council meeting held on 2nd March 2014. The budget of the Kelani Sakthi Program was recommended in the finance committee meeting held in May 2014 and approved at the 392nd meeting of the Council held on 31.05.2014. Finally the MOU was signed on 17th June 2014. This program was fully funded by the Kelani Cables PLC. The Syllabus for this Kelani Sakthi program was approved on the 391st meeting of the Senate held on 19th August 2014.

In the first batch 45 applications were received through paper advertisement placed in December 2014. However, 39 students registered to the course. The course was started from March 2015 and successfully completed in April 2016.

Finally 24 Students have successfully completed the Kelani Sakthi Program on electrical house wiring in the first batch. The inauguration and certificate award ceremony of Kelani Shakthi programme was conducted on 29th August 2016 at the Department of Electrical and Electronic Engineering, faculty of Engineering. Vice Chancellor of the University of Jaffna, CEO of Kelani Cables and the staff of both institutes were present in that event.

3.11.2.7 Professor LogenLogendran delivered a talk on “Hybrid Flow Shop Batch Scheduling Problem with a Bi-criteria Objective

Dr.R.LogenLogendran is a Professor of Industrial and Manufacturing Engineering and Graduate Program Chair in the School of Mechanical, Industrial, and Manufacturing Engineering at Oregon State University, Corvallis, Oregon, USA. He delivered a talk on “Hybrid Flow Shop Batch Scheduling

Problem with a Bi-criteria Objective” at the Faculty of Engineering on 2nd August 2016. The participant includes Undergraduate students, Industrial Engineers, Staff members and researchers. It was excellent to understand the optimum schedule on industrial machinery’s operations starting from a resource person with strong knowledge in this section.

Abstract of the talk:

This presentation focuses on the hybrid flow shop batch scheduling problem where sequence-dependent family setup times are present and the objective is to simultaneously minimize the weighted sum of total weighted completion time and total weighted tardiness. In particular, it disregards the group technology assumptions by allowing for the possibility of splitting pre-determined groups of jobs into inconsistent batches in order to improve the operational efficiency. A set of problems of various sizes is considered to show the benefits of batching in group scheduling. Since the problem is strongly NP-hard, an algorithm based upon tabu search is developed at three levels, which move back and forth between batching and scheduling phases. The tabu search algorithm consists of several distinguishing features, including the stage-based improvement procedure to consider the move interdependency. The initial solution finding mechanism is implemented to trigger the search into the solution space. The efficiency and effectiveness of the algorithm is verified with the help of the results found by CPLEX. The results show that the algorithm, based on tabu search and the stage-based improvement procedure, could find solutions at least as good as CPLEX, but in drastically shorter computational time. In order to reflect the real industry requirements, dynamic machine availability times, dynamic job release times, machine eligibility and machine capability for processing jobs, desired lower bounds on batch sizes, and job skipping are considered.

3.11.2.8 Talk on “Entrepreneurial behaviour in action: The good, bad and very powerful strategies for successes”

This talk was presented by Professor Kanesh K Rajah BSc. MSC. PhD, FHEA, CMgr. FCMI. The talk was conducted on 26th July 2016 at the Faculty. He is from Royal Agricultural University, Cirencester, United Kingdom.

Highlights of the talk:

- The relevance of entrepreneurship and entrepreneurial behavior for engineers will be discussed and explored.
- Strategies for communicating ideas and
- The relevance of ‘Mercedes Model’ will be presented.
- The art of managing risk and making gains will be one of the key features

Professor Dr Kanes K Rajah holds the Royal Agricultural University Chair in Entrepreneurship and Innovation. He was the Dean of the School of Business and Entrepreneurship at the Royal Agricultural University (2012-2015) where he is a Senior Professor now.

He is a Chartered Manager and Fellow of the Chartered Management Institute, and also a Fellow of the Higher Education Academy, UK. He holds a Visiting Professorship at the Iacocca Institute, Lehigh University, USA and senior committee roles at universities in South Africa, Zimbabwe and India.

He is also on the Executive Council of the Institute of Productivity and Management in Delhi.

He is an eclectic scholar with near to 200 publications. He is also an international management consultant whose clients include Petronas Malaysia, Bankers Club of Indonesia, Reserve Bank of Nigeria, Cocoa Board of Ghana, Saatchi and Saatchi/Rowland Company, New Zealand Dairy Board and the Royal Mail.

Professor Rajah have in excess of 200 scholarly outputs, have of which are in the social sciences in areas such as entrepreneurship, change and business creativity where he has also published books and book chapters. He also has almost 100 outputs in food science, technology and process engineering.

He is a Master Practitioner in neuro linguistic programming (book: NLP for Executive and Professional Development, Greenwich Press, 2009), advanced practitioner in adaptor-innovator theory and Kirton's Style Analysis, and runs regular workshops internationally on executive programmes such as 'Leadership in a turbulent and volatile environment' and 'Building High Performance Teams'.

3.11.2.9 Dr. Tilak Siyambalapitiya delivered a talk at the Faculty

Dr.Tilak Siyambalapitiya delivered a talk on Sri Lanka energy sector status and future outlook to the students of faculty of engineering, University of Jaffna, at his visit to Jaffna and Kilinochchi on 15th August 2016. He was invited by Dr.A.Atputharajah, Dean Faculty of Engineering. The talk was excellent to update the students with the trends in energy sector. The talk attracted to the lecturers and students in the Faculty. During his visit he also observed the faculty development with all renewable energy technologies such as 60kW pilot project of the roof top solar system, solar measuring station and 5 kW wind turbine. Tilak always helps the faculty students for enhancing their knowledge. RMA Energy Consultants takes students for their undergraduate training and the Faculty thank Dr.Tilak Siyambalapitiya for his continuous support on empowering the students for better future.

Dr.Tilak Siyambalapitiya BSc (Eng). Hon., PhD., Managing Director, RMA Energy Consultants. Tilak carries 30 years of experience in the energy sector of Sri Lanka, in the region and in east Africa. President, Sri Lanka Energy Managers Association (2004-6). Former Chief Engineer (Generation Planning) Ceylon Electricity Board (1989-94). Principal Engineer (Load Forecasting and Generation Planning) at Saudi Consolidated Electric Company (1994-1998). Since 1996, he has hands-on

experience in conducting tariff studies for embedded generation in Sri Lanka and Tanzania, and continues to be engaged in studies on a wide range of issues related to pricing, grid interconnection and regulation of small to medium scale grid connected power plants. Has conducted numerous consulting studies since 1988 using planning tools, and most recently, for the calculation of long-run marginal cost of utilities for a World Bank study on beneficiary incidence of cross subsidies in electricity tariffs. Has served in various committees of the Government and the Ministry of Power and Energy on an honorary basis, the most relevant recent assignment being a member of Renewable Energy Policy Committee (2013). Additionally, has been a member of the committee to review power sector reforms (2005), the national energy policy committee (2004-2008) and the working group of renewable energy (2005-8). Teaches energy efficiency, demand management and conservation to Master's Degree students; Contributing editor of Sri Lanka Energy Audit Manual 1999, 2000, 2013.

3.11.2.10 Talk on “Block chain Technology: Opportunities?” by Dr. Vallipuram Muthukkumarasamy

The Electrical & Electronic Engineering Society of the Department of Electrical & Electronic Engineering organized a talk on "Block chain Technology: Opportunities?" on 26th of December 2016 from 8.00 a.m. to 10.00 a.m. at Lecture hall 2. This talk was done by Dr. Vallipuram Muthukkumarasamy, Associate Professor, and Griffith University, Australia.

The talks covered on Network security, cyber security research opportunities, Block chain fundamentals, crypto currency transactions and evolution, hash functions and problems in block chain technology. Finally open up the research opportunities and future role of block chain technology.

3.11.2.11 Workshop on “Challenges and opportunities for an emerging Engineering program” Organized by department of Electrical and Electronic Engineering, Faculty of Engineering, University of Jaffna

A three-day workshop was organized by the electrical and electronic engineering department. The foreign experts are attracted by the ICIAFS (2016 EEE International Conference on Information and Automation for Sustainability) Conference held at Galle. Soon after the conference we invited few of those experts and organized the workshop and conducted technical talks, career guidance, curriculum revision and guest lectures.

During the first day event the following technical talks were conducted. Those are “Smart Grid Research and Education at Clemson University” by Dr. Kumar Venayagamoorthy, Duke Energy Distinguished Professor, Clemson University, US, “A Bottom-Up Approach to Design Stable Robots” by Dr. Thrishantha Nanayakkara, Senior Lecturer, Kings College, London, UK, “Low Carbon Propulsion For Commercial Aviation”, by Dr. Kiruba S Haran, Associate Professor, University of Illinois at Urbana-Champaign, US, “Importance of Multidisciplinary Education for Smart Grid” by Dr. Visvakumar Aravinthan, Assistant Professor, Wichita State University, US.

Then these experts together with their PhD students did a career guidance session for students in the afternoon. In the second and third days the experts discussed about our curriculum with our staff and conducted guest lectures for third and final year students.

3.11.2.12 Workshop on “Big Data” was conducted on 10.12.2016

“Big data” big data workshop jointly organized by faculty of Engineering, University of Jaffna and Virtusa POLARIS was held on 10th December 2016 at Faculty of Engineering. Four topics regarding the big data such as processing big data, data mining, churning of big data and social media and big data were covered. The following are the resource persons.

Dinesh Asanka : Dinesh Asanka holds B.Sc (Eng), Electrical Engineering (University of Moratuwa), MBA, IT (University of Moratuwa), and Master of Science (M.S.), Artificial Intelligence (University of Moratuwa). Currently he is working as a Senior Architect at Virtusa Polaris. He started his carrier as Software Implementation Officer around 12 years. Now he is Product Reviewer and Article writer in popular SQL Server Websites Also, he conduct lectures at SLIIT, eSoft in Database, Data warehousing and Data Mining. Dinesh Priyankara: Dinesh Priyankara holds MSc in IT from Keele University. Dinesh is an experienced professional and database enthusiast with skills in database management systems and business intelligence, especially on the Microsoft SQL Server product suite. Possessing over 16 years of experience on data related technologies, he does training, consulting, and is a top contributor to the local SQL Server community. In recognition of his contributions and expertise he has demonstrated, he was awarded the Microsoft Most Valuable Professional (MVP) award for SQL Server for 11 consecutive years since 2006. He is the Founder and Principal Architect of dinesQL (Pvt) Ltd. He holds an MSc in IT from Keele University, UK. In his spare time he runs a blog at <http://dinesql.blogspot.com> with a follower base of over 100,000 from around the world and is a co-organizer of SQL Server Sri Lanka User Group.

Selvendra Selvarajah: Selvendra Selvarajah holds B.Sc. Special Degree, Computer Science (University of Colombo), Master’s Degree, Financial Mathematics (University of Moratuwa). Currently he is working as Associate Architect at Virtusa Polaris.

Robinson B Prashanthan: Robinson B Prashanthan holds B.Sc. Computer Science from University of Colombo. Currently he is working as CEO at Innovay.

3.11.2.13 Talk on “Advance Networking” by Dr. Shanmugalingam Sivasothy

The Electrical & Electronic Engineering Society of the Department of Electrical & Electronic Engineering organized a talk on “Advanced networking” on 24th of November 2016 from 2.00 p.m. to 3.00 p.m. at Lecture hall 2. This talk was done by Dr. Shanmugalingam Sivasothy, R&D Technical Expert at Australia, Rennes Area, and France.

The talk covered the traditional network and immerging changes in network is the clear separation of control and data plane, refereed as software defined network. And also the Iota, vehicular network, Open flow protocol.

3.11.2.14 Talk on “ICT Perspective” by Dr. Shanmugalingam Sivasothy

The Electrical & Electronic Engineering Society of the Department of Electrical & Electronic Engineering organized a talk on “ICT Perspective” on 24th of November 2016 from 9.00 a.m. to 10.00 a.m. at Lecture hall 2. This talk was done by Dr. Shanmugalingam Sivasothy, R&D Technical Expert at Australia, Rennes Area, and France.

He has over 10 years of sound combined experience in networking and software development. His research fields are SDN/Open Flow, NFV, Cloud computing and networking, Communication services, Web architecture, overlay networks and knowledge management. The talk covered the current trend of technology and applications in ICT domain such as advances in communication technology, Internet of things (Iota), Cloud RAN, Vehicular network, caching solution, SDN/NFV and open computer network.

3.11.2.15 Talk on “Video Sensor Networks” by Dr.Kuganesan Thambu

The Electrical & Electronic Engineering Society of the Department of Electrical & Electronic Engineering organized a talk on “Video Sensor Network” on 6th of September 2016 from 10.15 a.m. to 11.00 a.m. at Lecture hall 2. This talk was done by Dr.Kuganesan Thambu, Software Architect, Cicerone Technology Inc.

In recent years, Video Sensor Networks (VSN) and its applications are emerged with the wireless engineering technologies such as security surveillance systems, vehicular communications in auto industry, multi view video entertainment in sports world and capsule endoscopy in medical industry, etc. This talk included some related theory behind the VSN and its challenges which leads towards to the future research opportunities.

3.11.2.16 Seminar on Outcome Based Education: An Overview and Documentation

Academic Development and Planning Committee (ADPC) invited Prof. S. Ilanko from University of Waikato, New Zealand to conduct a workshop on Outcome Based Education (OBE) on 25th April 2016 (Monday) from 9:00 am - 12:00 pm. The title of the session was 'Outcome Based Education: An Overview and Documentation'. Prof. Ilanko has a vast experience in working accreditation committee backed in New Zealand. He also involved in preparing documents for accreditation. He kindly agreed to share his insights in OBE.

The seminar included an overview on OBE and how to map Intended learning outcomes to IESL outcomes. Almost all our staff crew from the Faculty of Engineering attended the seminar, took part in discussions. Also, the staff members involved in preparing sample OBE document together with the help of Prof. Ilanko and ADPC. All shared constructive comments and made the seminar a successful. The New staff members were happy to have such seminar to understand the concepts of OBE. Since,

our curriculum incorporates OBE concept, the seminar was useful in preparing, implementing OBE. ADPC extended our sincere gratitude to Prof. Ilanko for conducting the seminar amidst his tight schedule.

3.11.2.17 Biomass-dryer demonstration system Installed

A demonstration set-up of a biomass-dryer, donated by Sri Lanka Sustainable Energy Authority has been successfully installed at the Faculty of Engineering on 5th March 2016. This is based on the proposal on biomass demonstration system which had been developed by Ms. H.Krishnarajah and Dr. A. Anburuvel, under the Department of Interdisciplinary Studies.

In the near future, studies will be launched on biomass-dryer with the focus on improving its efficiency and ultimately to make the dryer system a sustainable one. The outcomes of the researches on dryer will be used to support the small and medium scale industries. Plenty of industries are in need of support in terms of energy. Palmyrah Development Board is such an institution, which has already given their consent to work together in this regard.

We take this opportunity to thank Sri Lanka Sustainable Energy Authority for donating the demonstration system on biomass-dryer and supporting the growth of small and medium scale industries through universities in a sustainable manner. The faculty congratulates Dr. Anburuvel and Ms. H. Krishnarajah for the success in achieving this demonstration setup while thanking their hard work.

3.11.2.18 Mr. Mahalingasivam Yogavarathan from Norway delivered a talk on Engineers Without Borders

An introductory guest lecture by Mr. Mahalingasivam Yogavarathan from Norway on the activities of Engineers without borders and the opportunities they provide for Engineers to serve the community. This lecture was held on 3rd March 2016 at 4:15 pm in the Lecture Hall No 2, 2nd Floor, Faculty of Engineering, Ariviyal Nagar. Mr. Yogavarathan is a Senior Principal Lead with Aker Solutions AS-MMO. He has 24 years of experience on most aspects of the Oil Industry from upstream to fabrication of topside and maintenance downstream. Further he got multi-discipline experiences from R&D engineering, fabrication, installation, training, technical support and management. He is also a member of humanitarian agencies such as Engineers without borders and Norway Cares.

3.11.2.19 Building Information Modeling talk delivered by EngGemunu Nanayakkara

These two hours seminars on “Building Information Modelling (BIM)” were organized jointly by Faculty of Engineering together with Institution of Engineers Sri Lanka Northern Provincial Chapter. This was held in two places. On 27th January it was held at the Faculty of Engineering at Kilinochchi and 28th it was held at Euroville Conference hall in Jaffna to get the maximum benefits to the Students,

Academics, Researchers and Engineers. The Faculty thanks Dr. A. Anburuvel for coordinating work of this session.

The presentation aimed at those who are entering to the construction Industry to give them an in-depth knowledge of Building Information Modelling Process. The session will introduce delegates to the BIM principles walking them through each dimension in detail, whilst highlighting the purpose of the whole process and how each dimension is utilized in the industry.

- This will also cover the benefits that bring to each party during the life cycle of the project.
- The presentation will include the BIM implementation plan in detail, covering every step of the process and address the legal and technical issues, pit falls, that need to be addressed during the execution.
- The presentation will include the key topics such as BIM / CAD Standards, PAS 1192-2, Component coding, LOD, CDE, etc.
- Furthermore the presentation will cover the leading Technologies and tools available for BIM and the pros and cons of each tool for better understanding of the application.
- The session will end with a live demonstration of complete BIM process including parametric object modelling, Clash detection, Construction Sequencing etc.
- The delegates will have the opportunity to see through a live project where BIM is utilised for various activities

EngGemunu Nanayakkara has worked for many years with in construction industry delivering various multi-million pound projects using BIM in both U.K. and worldwide. His current experience focuses on BIM implementation through design team management. Gemunu has vast knowledge in BIM execution and delivery of projects in U.K. and worldwide and has a good understating of the benefit of BIM utilization in projects. In brief, he is an Incorporated Engineer – Council of Engineering Institutions (U.K), Member of the Institution of Engineering & Technology (U.K), DMS (Engineering Management) UK, Member of the Institute of Chartered Managers (UK) and C Mgr (UK) - Chartered Manager (UK).

3.11.2.20 Happy family and happy country – Talk by Dr. V. Jegaruban

A general talk was given by Dr. Jagaruban to make awareness to the students on common problem they may experience and few ways out real examples. Further, he discuss some common problem where the University students experiences during their golden University life while using the technologically advance devices. This is an excellent interactive talk with the students; to keep them aware on some unexpected experience may occur in some of their life. This talk was sponsored by the HNB and the Faculty thank the resource person and sponsor of this social event.

Dr. V. Jegaruban completed the school education at Jaffna Hindu College entered into the Jaffna Medical Faculty and passed out in the year 2000. After finishing the internship at Teaching Hospital Jaffna got the first appointment in Teaching Hospital Karapitiya. He is working with Sinhala – Tamil – Muslim experience in Galle stressed the importance of unity in diversity.

The interest toward mental health pushed to do the Diploma in Psychiatry course at University of Colombo. The training at National Institute of Mental Health – Angoda and the work experience at Divisional Hospital Moratuwa gave a good exposure to the mental health problems of marginalized communities in the capital city.

He completed Master Degree in Psychology at the Open University of Karnadaka (India). He has been working as a Medical officer – Mental Health at District General Hospital Kilinochchi for more than one year. He is a good team member and a countryman with social responsibility.

3.11.2.21 Electrical and Electronic Engineering Society (EEES) formation

The inaugural meeting of Electrical and Electronic Engineering Society (EEES) was held on 13th July 2016 (Wednesday) at 4.30 pm at lecture hall 2 of faculty of engineering, University of Jaffna. Dean-Engineering Dr. A. Atputharajah, Head - Department of Electrical and Electronic Engineering Dr. T. Thiruvaran, Head-Department of Computer Engineering Dr. A. Kaneswaran, lecturers Dr. V. Cynthujah, Mr. R. Valluvan, Mr. S. Thanenjayan, Ms. S. Jananie, Mrs. P. Jeyanathan and students from department of electrical and electronic engineering participated.

Mr. R. Valluvan was appointed as the senior treasurer of the society. Nominations for the office bearers for society were called and the following were elected: President - Manchukan Yuvaraj, Vice President, Ratnakumar Rajan, Secretary - Sathiyaseelan Linojan, Vice Secretary – Supratha Chnadraseran, and Treasurer - Akila Eranda.

The goals and roles of the society were discussed along with the future plan of action. As part of the regular program, the society will be facilitating invited talks from industry and academic experts to expose the faculty community to the state of the art in Electrical and Electronic Engineering.

3.11.2.22 Complete curriculum developed for the Faculty of Engineering

Detailed and comprehensive curriculum of the Faculty of Engineering is designed and approved by the Senate, University of Jaffna held in July 2016. This was carried out for last three years and finally come to the end. There have been many leading experts from local and foreign universities; and from the industries, helping us to design the curriculum. Dean heads of the department and the lecturers took diligent care and effort to develop the curriculum to cater the needs of the present needs of engineering industry. The development of curriculum is based on Outcome Base Education (OBE) conforming to Institution of Engineers, Sri Lanka (IESL) requirements (National Standard for Engineering Education),

Washington Accord requirements (International Standard for Engineering Education) and Sri Lanka Quality Framework (SLQF) requirements under the category of Bachelor Honours Degrees.

In a nutshell, the Faculty of Engineering, University of Jaffna offers the Engineering degree program for four academic years (eight semesters) leading to the degree in Bachelor of the Science of Engineering, (BScEng). The degree program offers course units amount to 150 academic credits in various categories such as core (120), electives [technical (12) and complementary (12)] and industrial training (06). The curriculum of the degree program comprises of core structure of the program and detailed syllabi of general program (for first semesters, common for all engineering disciplines) and special program (for remaining five semesters). Presently, the following specializations are being offered at the Faculty of Engineering 1. Civil and Environmental Engineering; 2. Computer Engineering; 3. Electrical and Electronic Engineering; and 4. Mechanical and Process Engineering.

There were series of discussions, email communications and stakeholder meetings took place during the curriculum development process. We sincerely thank the following resource persons for coming forward to shoulder us in completing the very important milestone of the faculty.

3.11.2.23 IEEE Introductory session for the Faculty students

An introductory session for the IEEE society was organized in the Faculty of Engineering, University of Jaffna on 16th July 2016 from 9.00 am to 12.00 noon. Five members from IEEE Sri Lanka section were presented as the resource persons for the event including Mr. Tharindu De Silva, the Chairperson of the IEEE Membership Development in Sri Lanka.

This workshop had five sessions and inaugurated with a welcome speech by the Head, Department of Electrical and Electronic Engineering. Mr. Tharindu De Silva continued the event with an introduction to IEEE and shared his experience on why he joined IEEE. Next, Mr. Subodha Charles shared his experience as a student volunteer in IEEE. An interactive session for the undergraduates was conducted by Mr. Dhenosyan Nadarajah where the undergraduates were divided into groups and actively performed a given task. Later, Mr. Pasan Pethiyagoda, made a valuable talk on “IEEE Young Professionals and Career Perspectives”. The event ended with a speech on “Benefits of IEEE” by Mr. Hasala Dharmawardana. It was a valuable event for the undergraduates of 2013/E and 2014/E batch and will be helpful for form the IEEE student chapter of our Faculty and obtain many benefits from IEEE.

3.11.2.24 Eng. S. Niranjana delivered a talk on “An Overview of Typical Geotechnical Investigation”

Eng. S. Niranjana, from Diaz Yourman & Associates, California, USA, visited to the Faculty on 27th June 2016 and delivered a talk on an overview of typical geotechnical investigation. This was an excellent overview of how Geotechnical knowledge is used in practice. The students were very well motivated towards geotechnical subject due to the inspiration from the excellent experienced

professionals such as Professor N. Ravichandran and Eng. S. Niranjana. This was excellent interactive and active session on sharing their practical experiences with the students.

3.11.2.25 Mr. Jay Cousins, a consultant from Berlin, delivered a talk at the Faculty

University Business Linkage program, the GIZ brought a consultant Mr. Jay Cousins from Berlin, to deliver a session at Kilinochchi on 30th May 2016. The session was organized for students as well as the staff. Jay was a creative and entrepreneurial personality, who does very inspirational work in prototyping, business and community building. He's done several Ted talks and created a few lab spaces in Berlin.

It was really good to bring the entrepreneurial personality to the students while having interactive discussions with the staff members. He shared his own experience as an entrepreneur and it was very inspirational.

3.11.2.26 Mr. Peter Sommers, UBL consultant, delivered sessions at Kilinochchi

University Business Linkage consultant from Germany, Mr. Peter Sommers, delivered a session at Kilinochchi on 13th May 2016. The session was organized for students as well as project supervisors (staff). Primary discussion was on "Career Prospects and Employment Opportunities through Business Linkages". After this session, a short discussion was held to finalize the details on "Best practice oriented thesis award". This discussion was made regarding the Faculty of Engineering, since the Faculty has students only up to third year and therefore a separate set of criteria for this year's competition was discussed. The session was very motivational for students to do their final year research projects on solving real problems faced by the Industries. Further, staff members also got well motivated to give industry related projects to the students.

3.11.2.27 Talk on "Wearable physiological information monitoring Systems and future trends of Telemedicine" by Dr. Ravindra Wijesiriwardana

The Electrical & Electronic Engineering Society of the Department of Electrical & Electronic Engineering organized a talk on "Wearable physiological information monitoring Systems and future trends of Telemedicine" on 2nd of September 2016 from 10.15 a.m. to 11.00 a.m. at Lecture hall 2. This talk was done by Dr. Ravindra Wijesiriwardana, Senior Lecturer, Dept. of Electrical and Electronic Engineering, University of Peradeniya.

In this talk, the future importance of the Wearable Physiological Information Monitoring Systems [WPIMS] and future trends of Telemedicine were discussed. And, this talk included some related theory behind the WPIMS and its challenges which leads towards the future research opportunities.

3.11.2.28 Workshop on “Waste for Life project” for empowering the community

The “Waste for Life” workshop was hosted by the Faculty of Engineering, University of Jaffna, Kilinochchi on 24th October 2016. This is another service from the Australian-Sri Lankan University partnerships project on developing community-based waste recycling businesses.

3.11.2.29 Demonstration on community based waste recycling business project

One of the Australian-Sri Lankan University partnerships project is on developing community-based waste recycling businesses. This is one of the successful community oriented project, conducted at the Faculty of Engineering, University of Jaffna. A small scale demonstration was carried out on 23rd September 2016.

Mr. Reddy from India as volunteer and Mr. Ashock from Sri Lanka completed the initial ground work to set up the experimental set up at the Faculty of Engineering with the support from Dr. Randika Jayasinghe and Dr. V. Cynthujah. They have contacted communities with this project to implement a real scale project and they also conducted market surveys in Jaffna area, contacted government officials and NGOs. With this pilot demonstration Mr. Reddy’s work in this visit is comes to the end and Mr. Dan Hede will be joining from next month to continue this project from there onwards. The Faculty thank to Dr. Randika, who coordinated this project in Sri Lanka, Dr. Cynthujah for coordinating this project from University of Jaffna and Professor Caroline Baillie, who is the overall in-charge of this project from University of Western Australia.

3.11.2.30 Inauguration of the 60kW solar pilot power plant with net-metered grid connection operation

The 60kW roof top pilot solar power plant at the Faculty of Engineering was operated with grid connection net-metered operation from 14th October 2016. It consists of 55kW string converter configuration with three sets of converters and 5kW of micro converters configuration concept. Each panel is 250Watts and total of 240 panels were placed at the roof top of the first building of the Faculty of Engineering. This was inaugurated with the gracing of Prof. Vasanthi Arasaratnam, Vice Chancellor of the University of Jaffna, Eng. Harsha Wickramasinghe, Deputy Director General (Strategy) of the Sri Lanka Sustainable Energy Authority, Eng. D.K.P.U. Gunathilake, Deputy General Manager (North), Ceylon Electricity Board, Dr. A. Atputharajah, Dean of the Faculty of Engineering and Dr. T. Thiruvaran, Head of the Department of Electrical and Electronic Engineering. There were many participants including Professors, Researchers, Other academic staff, Engineers, Managers, Government Administrative officers and students.

3.11.2.31 Inauguration of 4th batch of students (E16 batch)

The fourth batch with 75 students was inaugurated on 21st November 2016. The Faculty took first batch with 39 students on 21st February 2014 in small buildings. Orientation program for the first batch was held for 6 weeks to allow the students smoothly settled in the new environment with poor facility in

2014. However, students learnt a lot by visiting to over 20 industrial visits. The second batch was taken with 54 students on 1st December 2014 and again in small buildings with reasonable facilities. For them also the orientation program was held for 5 weeks as to allow them to settled properly while get to use to the environment. The students were also taken for over 15 industries for orient them towards Engineering Education. The third batch of students were taken with 48 students on 9th November 2015. The orientation program for this batch was made faster with 4 weeks of comprehensive program. At this time all the students got reasonable facilities including hostels within the University premises and first building (Department of Civil Engineering) of the Faculty. Finally the fourth batch of students taken on 21st November 2016 with 75 students and second building (Administration building) was also completed with their intake. Here after the orientation program is settled with the three weeks of comprehensive schedule. The faculty human resource is also grown up with over 20 permanent academic staff with half of them with the PhD.

The inauguration program was graced with Prof. Vasanthy Arasaratnam, the Vice Chancellor of the University of Jaffna. Students and all the parents were participated in this special event and senior students and staff were very happily welcomed the students. Now the faculty is having the students from all over the country (covering over 20 Districts) and also it fully utilized its targeted number of students' intake.

3.11.3 Faculty of Medicine

3.11.3.1 Workshop in Basic Hand Trauma Session

As per the request of Dr. Vipula Perera, Plastic Surgeon, Teaching Hospital, Jaffna to the Head of the Department of Anatomy, Faculty of Medicine, University of Jaffna to conduct workshop in Basic Hand Trauma Session. It was held on 30th August 2016 in collaboration with Department of Anatomy, Faculty of Medicine.

3.11.3.2 Pre – Intern Mandatory Training Programme

College of Surgeons of Sri Lanka informed to Dean, Faculty of Medicine to organize the Pre – Intern Mandatory Training Programme by the Ministry of Health, Sri Lanka. It was held on 26th September 2016 from 7.30 a.m. to 4.30 p.m. at Hoover Auditorium, Faculty of Medicine

An academic session 2016 was organized by the Jaffna Medical Association. It was held on 30th and 31st of July 2016 at Public Library Auditorium. The academic session was participating final year medical students.

College of Surgeons Sri Lanka was conducting the Regional Sessions of College of Surgeons. It was held on 28th (Saturday – Full day session) and 29th (Sunday – Half day session) of May 2016 at Hoover Auditorium, Faculty of Medicine.

3.11.3.3 Training Programme for Technical Officers

Head of the Department of Human Biology, Faculty of Health – Care Sciences of Eastern University to the Vice Chancellor and Dean, Faculty of Medicine, University of Jaffna to do the training programme for the Technical officers of Eastern University. It was conduct a two weeks training programme from 08th to 18th of March 2016 at the Pre – clinical departments of the Faculty of Medicine, University of Jaffna.

3.11.3.4 Lee Foundation Orthopaedic program Jaffna 2016

Lee Foundation Orthopaedic program Jaffna 2016. A Collaborative educational program by Lee Foundation, International Collaboration, Singapore Health Services Teaching Hospital, Jaffna and Department of Surgery, faculty of Medicine, University of Jaffna. The Orthopaedic program was participating Orthopaedic Surgeries and Training program for nurses and physiotherapist. It was held on 24th and 25th of October 2016 at Medical Students’ Hostel Auditorium, Hospital Road, Jaffna, JICA operating theatre complex, Teaching Hospital, Jaffna, and Nursing Training school, Teaching Hospital, Jaffna. Dr.P.G.Mahipala, Director, General of Health Services, Ministry of Health, Sri Lanka was participating of chief guest above the event.

3.11.3.5 Joint academic Session

Joint academic Session between the College of Medical Educationist of Sri Lanka and Medical Faculty on Assessments was organized by the Medical Education Unit. Medical Education session in collaboration with College of Medical Educationist (CME) on “The current trends on Teaching, Learning and assessment in Medical Education”. This is a valuable opportunity to update our teachers on current trends in Medical Education. It was held on 21st of October 2016 from 08.15 a.m. to 2.00 p.m. at Conference hall, Faculty of Medicine.

3.11.3.6 Workshop on improving communication skills

Workshop on Improving how to teach communication skills in undergraduate curriculum held on 4th April 2016.

3.11.4 Faculty of Management Studies and Commerce

3.11.4.1 Training on Community Substance

Faculty betrothed in the youth development program organized by the collaborative work of European Union, UNDP, Sri Lankan government and the University of Jaffna. Under this program, youth in three districts, as Jaffna, Killinochchi, and Mullaitivu were targeted to initiate this empowerment activity. Staff were trained the youth entrepreneurs through field visits, and class room listening

Department of Commerce

- Coordinated the staff and students of our faculty, and the members of the business incubation cell to creativity day, under the UBL initiative programs, for solving problems of SMMEs in Northern Province.
- Participated in the workshop on Updated Version Sri Lanka Qualifications Framework for Management Faculties in the University System.
- Participated in Training Programme on ODL Methods Course Design and Development for self – instructional material at Hotel Janaki in Colombo.
- Conducted workshop on Business Intelligence: Telecommunication Industry Perspective, Resource person Mr. T. Sankarathas, Manager, Kilinochchi Branch,

3.11.5 Workshop on Financial Management Guidelines

A workshop on Financial Management Guidelines of the University (manual on delegation of financial authority and financial management) was conducted by the staff development centre in collaboration with finance branch on 25th April 2016. The target groups were Dean /Heads of the Departments/Units and executives, and 56 staff participated in the workshop.

3.11.6 Workshop on Sexual and Gender based violence

The workshop on sexual and Gender based violence was held on 15th and 16th of November at the mini Auditorium of the Department of Physics .The target groups were all Deans, all Head of the Departments/Units students Counselors and other interested academics. The resource persons were Prof.Kumudu Wijewardene, Prof Camene Gunaratne, Prof.Meithree Wickremasinghe and Dr.Wijaya Jeyatillaka.

3.11.7 Institutional Quality Assurance Enhancement Workshop

The Institutional Quality Assurance Enhancement Workshop was held on 22nd to 24th of November 2016 at Jetwing Hotel, Jaffna,

3.11.8 Workshop on Developing Manual of Precedure

Workshops, to prepare University guide book and Manual of Procedure was held on 02nd and 8th March 2016 and Prof.Harihandra Abeyakunawarde, Former Vice Chancellor, University of Peradeniya, former UGC Member, Mr.Tissa Nandasena Former Secretary, UGC and Prof Uma Cumarasamy, Former Vice Chancellor, Open University of Sri Lanka were the resource persons of the above workshop.

3.11.9 Unit of Siddha Medicine

Workshop on Curriculum Development 2016” for Siddha Medicine from 24th to 25th April 2016 conducted at the Mini – Auditorium, Department of Physics, Faculty of Science, University of Jaffna. Dr.Gominda Ponnampereuma and Dr.Indike Karunathilake Education Ministry, Faculty of Medicine, University of Colombo as the resource persons to the workshop.

Workshop – 2nd curriculum reform workshop for BSMS students and presented blue print for a lesson at the 2nd Workshop on 20.08.2016 at NITM, Nawinna, and Maharagama.

Medical camp was conducted on 11th of August, 2016 and 20th of October 2016 at Children Home and Parasakthy preschool Kaithady by the “Department of Kuzhanthai Maruthuvam”. 35 and 60 children under five years benefited from this programme.

3.12 Interaction with Foreign Universities

3.12.1 Memorandum of Understanding

3.12.1.1 Memorandum of Agreement between Manchester Global Foundation, UK and University of Jaffna, Sri Lanka and Ministry of Health and Indigenous Medicine Northern Province Ministerial Office Sri Lanka

A Memorandum of Agreement between Manchester Global Foundation UK, and University of Jaffna, Sri Lanka and Ministry of Health and Indigenous Medicine Northern Province, Jaffna was signed in June 2016, for student and staff education and research, collaboration, institutional, community capacity building and academic development.

3.12.1.2 Memorandum of Understanding between James Cook University Australia and University of Jaffna, Sri Lanka

Memorandum of Understanding between James Cook University Australia and University of Jaffna was signed in December 2016, to conduct programmes in the areas of exchange teaching staff and researchers, joint development of research project and consultancies, joint organization of scientific and cultural events, regular ongoing in-service education and training of medical, nursing and students, capacity-building of technical and administrative staff.

3.12.1.3 Memorandum of Understanding (MoU) with University of Southeast Norway – The Norwegian Partnership Programme for Global Academic Cooperation (NORPART)

A memorandum of understanding between University of Southeast Norway and the University of Jaffna was signed in 2016, to promote close cooperation and academic exchange between the two institutions. This agreement is based on the principles of equality and reciprocal benefit.

3.12.1.4 Memorandum of Understanding (MoU) Agreement for Academic Co-operation between Tamil Nadu Agricultural University (Coimbatore, India) and University of Jaffna

Memorandum of Understanding (MoU) Agreement for Academic Co-operation between Tamil Nadu Agricultural University (Coimbatore, India) and University of Jaffna signed on 7th November 2016.

3.12.1.5 Memorandum of Understanding (MoU) between Allianz – Life Insurance Lanka Ltd and Department of Marketing, Faculty of Management Studies & Commerce, University of Jaffna

Memorandum of Understanding (MoU) between Allianz – Life Insurance Lanka Ltd and Department of Marketing, Faculty of Management Studies & Commerce, University of Jaffna, was signed on 2016 to offer “Gold Medal Award” to the most outstanding performance as the “Best outstanding student” who has excellent in specialization marketing during the Undergraduate Study Programme.

3.12.1.6 Memorandum of Understanding (MoU) between Faculty of Management Studies & Commerce and Chartered Institute of Management Accountants (CIMA) Sri Lanka

A Memorandum of Understanding (MoU) between Faculty of Management Studies & Commerce and Chartered Institute of Management Accountants (CIMA) Sri Lanka was signed on 2016 to cooperate by combining their expertise and their resources to offer the CIMA qualification with the aim of preparing the student from Bachelor of commerce and Bachelor of Business Administration Degree Programme from the University of Jaffna, Sri Lanka for a challenging career as qualified professional management accountants.

3.12.1.7 Memorandum of Understanding between The Institute of Certified management Accountants of Sri Lanka and Department of Finance and Accountancy Vavuniya Campus University of Jaffna, Sri Lanka

The Institute of certified management accountants of Sri Lanka (CMASL) and the Department of Finance and Accountancy (DoFA) of the Faculty of Business studies, Vavuniya campus of the University of Jaffna made and entered into this Memorandum of Understanding (MOU) at the Vavuniya Campus, Pambaimadu, Sri Lanka, on Twentieth of December, Two Thousand and Sixteen .

The Executive Director CMASL, under the supervision and direction of the President and the Governing Council of CMASL and the Head of DoFA serve as the officers responsible for the implementation of the activities conducted under the MOU.

Parties of the MOU agree to the following

1. CMASL shall invite lecturers of DoFA to participate in seminars, workshops and conferences conducted by CMASL on management Accounting, Financial Accounting, Financial Management and Security analysis and Portfolio management related themes and topics, and vice-versa.

2. DoFA shall offer its academic staff as resource persons in the conduct of academic and professional activities of CMASL such as study programmes, seminars, workshops and conferences, and vice – versa.
3. CMASL and DoFA shall undertake research work relating to Accounting and Finance topics.
4. DoFA shall assist enhancing the CMASL studentship by the way of providing opportunities to engage in promotional activities in seminars and workshops conducted by the students of the DoFA.
5. CMASL shall permit the academics of the DoFA to use the CMASL library, free of charge. A few library cards will be issued to DoFA for its use.
6. CMASL shall provide exemptions to Undergraduates and Graduates of DoFA to take CMASL examinations and to qualify as Certified Management Accountants. DoFA will promote undergraduates to take CMASL Examination and obtain a professional Management Accounting qualification. CMASL and DoFA will jointly review the scheme of exemptions on a periodic basis, introduce changes as, and when appropriate.
7. DoFA and CMASL agree to enhance the professional recognition of the Degree of Bachelor of Business Management (Accounting and Finance Specialization) conducted by DoFA and the professional qualification of CMASL and to encourage in any other activities acceptable to the governing authorities of the two institutions.
8. CMASL offers scholarships to Undergraduates to follow the CMASL professional programme.
9. CMASL offers a “GOLD MEDAL AWARD” to the most outstanding student in specializing Accounting and Finance during the annual convocation of the University of Jaffna.
10. CMASL and DoFA will jointly revise curriculum of their course units and introduce changes as and when appropriate.
11. CMASL will assist undergraduates of DoFA to obtain practical training in Business organizations, Audit Firms and State Corporation Sectors.

Implementation and Review

- CMASL and DoFA shall prepare an annual implementation plan at the beginning of each calendar year.
- The clauses of the MOU shall be reviewed and revised in accordance with the emerging requirements of CMASL and DoFA .
- A half yearly review meeting between CMASL and DoFA will be held in July and December each year to discuss the activities undertaken

This MOU will be in force for an initial period of two years with an option for renewal. The parties here to agree that they will endeavor to settle in good faith any dispute, controversy or claim arising out of or relating to this MOU . The two parties CMASL and DoFA reserve the right to cancel this agreement by giving one-month notice on either side.

3.12.1.8 Memorandum of Understanding among office for National Unity and Reconciliation University of Jaffna (UoJ) and University of Ruhuna(UoR)

The Memorandum of Understanding (mou) on Training of farmers, extensions of personnel and equipment suppliers on drip irrigation among the office for National Unity and Reconciliation (ONUR), University of Jaffna (UoJ) and the University of Ruhuna (UoR) was signed in 2016.

3.13 Open and Distance Learning

According to the Commission Circular No.932 of 15th October 2010, Board of Studies for each degree programmes, and the Management Committee for the Centre for Open and Distance Learning approved by the Council. Curriculum and the budgets for the B.Com and B.A Degree programmes under new system were also approved by the UGC on 22nd May 2014 and 5th November 2014 respectively. Applications for the new degree programmes under new system have been called by the CODL to admit the students from the Academic year 2012/2013 onwards.

3.14 Quality Assurance – Certificate of Recognition by Commonwealth of Learning

Commonwealth of Learning (ColRim) has awarded the University of Jaffna the Certificate of Recognition for engaging in Quality Assurance on self review and verification using the Commonwealth of Learning and Improvement model.

3.15 Corporate Plan of the University of Jaffna

Strategic plan and master plan for the University of Jaffna for 2016-2020 has been prepared and approved by the Council, at its Special Meeting held on 17th of December 2016.

3.16 Sports Activities

3.16.1 Conducting Yoga Demonstration and Theory Class to the University Students

Sports Science Unit conducted Yoga demonstration and theory class to the university students by the staff of the Sports Science Unit, and the participation certificate was also issued with approval of the Senate.

3.16.2 Colours Night – 2015

The colours night of the University of Jaffna for 2015 was held on 19th of November 2016 at Hoover Auditorium of the Faculty of Medicine.

3.17 Activities at Faculty Level

3.17.1 Faculty of Engineering

3.17.1.1 Faculty students participated to the startup weekend Vanni program and obtained prizes

The Startup Weekend Vanni was held at faculty of Engineering from December 16th , 2016 to December 18th, 2016. This is the third such event in Sri Lanka. Startup Weekend is a global phenomenon - 54 hours of fast and furious prototype development through to exploring potential markets and pitching. It's an unparalleled opportunity to build lasting relationships with co-founders; mentors, and investors. Engineering faculty students participated to this excellent event and won the 1st place, 2nd place, 3rd place and most innovative idea awards.

3.17.1.2 The IESL YMS UOJ Chapter had lunch time discussion with the IESL President

Eng. J. Meegoda, President of the Institution of Engineers Sri Lanka (IESL), visited to the Faculty on 19th November 2016. The IESL Younger Members Chapter of the University of Jaffna, together with the dean and staff of the Faculty of Engineering met him for a discussion. It was very fruitful discussion about the 2017 activities of the IESL YMS UOJ. It was ended with very well motivated activities and took about one and half hour, which was ended with group lunch meeting. Then the president rushed to the Annual General Meeting of the IESL Northern Chapter, which was held at 4.00pm at Jaffna Tilko City Hotel. The staff of the Faculty of Engineering together with the students also attended to the IESL NPC AGM events as well. The Faculty of Engineering staff and students are happily thanking Eng. Meegoda for his visit and discussion even at his very tight schedule of his visit to the AGM events.

3.17.1.3 Students participated in inter university concrete mix design competition – 2016

Siam City Cement (Lanka) organized an inter university concrete mix design among all engineering faculties in Sri Lanka. Fifteen students took part in the competition.

3.17.1.4 Students won the first runner up in the national level robot competition

UvaWellassa University of Sri Lanka conducted its first robotic competition with the name of UWU ROBOT BATTLES 2016. The Robotic competition was conducted in two categories as SCHOOL CHALLENGE and OPEN CHALLENGE under two different tasks in robotics and it was island wide. Undergraduate students' teams and any other institutions or school or industries' teams were able to participate in the open challenge. It was to test the advanced skills of participants that were required to complete a higher task, in a challenging environment, in different ways.

The challenge was to develop a manually controlled Battle Robot that could fight with the opponent in a specific arena. The challenge emulated a floor and challenged the robot to fight with the opponent robot. If the robot could attack and defeat the opponent robot or make it unfit to battle, it wins the challenge. This robot battle organized in Sri Lanka was held on 1st October at UvaWellassa University premises

under Open and School categories with participation of over 100 competitors. There were 36 teams for the open competition from major universities and institutes of the island including University of Moratuwa, University of Peradeniya, University of Ruhuna, University of Kalaniya, Rajarata University, SLIIT, University of Vocational Technology, Kothalawala Defense University, Ceylon German Technical Training Institute, HNDE, University College of Anuradhapura, ICBT college and industries like Paraqum Technologies pvt ltd and Catalyst Technologies. The competition was conducted on knockout basis.

A team consisting of 5 members, from the Faculty of Engineering University of Jaffna, participated in the event with a robot named “EliteBot”. The team members were Muditha Kumarasiri, Nidershan Sugneshwaran, Dimuth Bopitiya, Nuwan Wijenayake and Ravindu Lankapriya. The robot was developed by the group of students from Engineering Faculty including team members Akila Jayasinghe, Neethan Ratnakumar, Sajith Dushmantha and Prasad Kumara with the guidance and support from all the Faculty staff.

EliteBot robot was able to get the first runners up prize in the competition defeating opponent robots in 4 consecutive rounds and was selected to the final, where it was defeated by a hair’s breadth after a fierce fight with the University of Vocational Technology robot. The faculty congratulates the team, who won the first runner up in this competition.

3.17.1.5 Faculty student participated in 12th Sri Lanka University Games

Representing University of Jaffna, Faculty of Engineering students participated the 12th Sri Lanka University Games (SLUG) -2016 held from 1st September to 13th September 2016 at University of Wayamba, Sri Lanka.

Mr. Neurooshan Durairaja, 3rd Year Engineering Student, a member of the Road race team won 7th Place in Individual Race and as the team University of Jaffna succeeded to win 1st Place. Mr. G. N. S. P. K. Gunathunga, 3rd Year Engineering Student, a member of University of Jaffna Hockey Team led to finish in 4th Place at SLUG.

3.17.1.6 Faculty students presented their findings at the IESL UIY Competition 2016

Students from the Faculty of Engineering University of Jaffna, presented five projects as their findings to the IESL UIY competition. This is the national level event organized on 8th July 2016 by the IESL head office in Colombo. This was a very good exposure to the Faculty students on mixing with other Faculty students while demonstrating their findings. From the Faculty, the following projects were selected for this presentation:

- 1) Robotic arm; Student: D.M.P.C. Dissanayake; Supervisor: Mr. S. Thananjeyan

- 2) Osmotic power: Students: B.G.D.H. Bopitiya, K.R.S. Lankapriya, D.H.M.N.T. Wijenayake; Supervisor Dr. V. Cynthujah
- 3) Lightening harvesting; Student: A.P.Y. Sandaruwan; Supervisors: Mr. R. Valluvan Mr. S. Thananjeyan
- 4) Public Navigation Assistance; Students: Muditha Kumarasiri, S. Nidershan; Supervisors: Dr. A. Kaneswaran, Mr. S. Arunan
- 5) Engine oil re-refining process and grease production; Student: S. Sangar; Supervisors: Ms. H. Kirishnarajah, Dr. K. Velayuthamurthy

3.17.1.7 Brief about the UIY competition:

The Under Graduate Inventor of the Year (UIY) competition was established by the IESL to encourage and stimulate creativity and interest in inventions among engineering undergraduates in the country and provide opportunities for engineering undergraduates to organize and present their original inventions. It's also a forum for networking within Sri Lanka engineering undergraduate students as well as members of industry and academia.

The competition tries to inculcate basic principles for success in innovations such as having a stated goal, develop design criteria, background research, prepare preliminary designs and materials list, consider costs, manufacturing and user requirement, building and testing prototypes, consider reliability, repair and servicing, final product testing, presentation of results etc.

3.17.1.8 Faculty students participated to the startup weekend program

First Ever Startup Weekend in Sri Lanka was conducted to change the world in 54 hours! This mainly to bring participants' creativity and skills to startup the business. This Sri Lanka's "First Ever" Startup Weekend Jaffna was held on Friday 24th to Sunday 26th June 2016 at the Tilko Jaffna City Hotel.

Startup Weekend is a 54-hour weekend event, powered by Google, during which groups of developers, business managers, startup enthusiasts, marketing gurus, graphic artists and more pitch ideas for new startup companies, form teams around those ideas, and work to develop a working prototype, demo, or presentation by Sunday evening. It's an opportunity to people to present their startup ideas and polish up the ideas as working prototype which get polished by many industry experts during the event.

Faculty students also participated to this excellent event, which really provided opportunity to get the experience through effectively organized such event. It was so excited to the students and many of them were geared with number of ideas. This is one of the most important events to be encouraged to carry out covering all fields (multidisciplinary).

3.17.1.9 Poson Dansala celebrated

First year students (E/15 batch) of Faculty of Engineering, University of Jaffna celebrated the Poson Poya day. They organized a Posondansala on 19th June 2016. They prepared a good looking hut at

Ariviyal Nagar junction on A9 road and gave water melon fruit to the people passing through the A9 road. Second year and third year students also helped the dansalaevent with friendship. It was a really interesting event and Dean of the Faculty and Mr. SaliyaSampath, lecturer of the Faculty participated to this event. The people highly appreciated giving fruits by saying that those fruits were very fresh and tasty. Devotees who travel alone A9 road and other people told water melon is really matcheddue to the dry and hot environment.

3.17.1.10 Engineering week was organized during 3rd week of February

The E-week organized by the students of the faculty of Engineering was held from 15th February to 21st of February in the faculty premises as planned. It was the first largest ever student event organized by the students of the faculty under the supervision of the faculty staff. All students of the faculty, academic and non-academic staff, the school students of the region and the neighboring Agriculture Faculty students took part in various events organized during the week. It was amazing to see the students working in such coordination in organizing the sport events, the Blood donation camp, the various singing, dancing and writing competitions and the one-day dedicated for the encouragement of school students.

The following sporting events were organized in the ground furnished by the students of the faculty: Football, Cricket, Carom, Chess, Netball, Badminton, Volleyball tournaments among teams of the three batches and the staff team. A friendly cricket match between our faculty and the Agriculture faculty was also conducted to increase the ties and understanding between members of both faculties.

The following talent expressing competitions were also organized and held within the week as planned: A Singing competition between students from 3 batches, a dancing competition between students, a debate competition and Short story writing competitions in all three languages.

A gaming night was also organized among students to lead students to a fearless approach towards new technology.

The final fiesta was held on the 21st of February night which also marked the special event of the 2nd birthday of students' intake. The night's events consisted of various events such as the grand finale of the Singing Competition among students, a very rare and admirable Tamil cultural "Poi Kaal Kuthurai Aaddam" dance, stage dramas by two groups of students, two student stage dances and two events by staff members. The event was graced by the presence of the Faculty staff, students and students from the faculty of Agriculture. The fiesta came to a wonderful end as the 2nd batch students were announced as the overall winners of the E-week events while the 1st batch had to go as runners up despite their hard work and dedication. And it is also not to forget the dedicated participation of the 3rd batch of students even though they were freshers to the faculty environment.

The Faculty takes this opportunity to thank all the officials and the public who helped to make this event a success and hopes to serve the society in coming times as well.

3.17.1.11 Award received by the Faculty students for the first prize on debate competition held at University of Jaffna

A team consists of four members from our Faculty became champions in a debate competition organized by the Department of Law at the main campus of the University of Jaffna. The members of the debate team are Mr. B. Nilakshan, Mr. R. Neethan, Mr. Mudiththa Kumarasri and Mr. Salinda Lankapriya. The awarding ceremony of this competition was held on 21st February 2016 at the Jubilee celebration event of the Department of Law, University of Jaffna. The event was held at the Kailasapathy auditorium, University of Jaffna and Chief Guest of the event was the Chief Justice Honorable K. Sripavan. The award was given by Professor P.S.M. Gunarathne, Vice Chairman of the University Grant Commission. The faculty congratulated the team and wishes them to keep up their performance. Further, Senior Prof. (Ms) V. Arasaratnam, Vice Chancellor, University of Jaffna, Mr. M. Elancheliyan, HC Judge, Jaffna, Mr. K. Sivapathasantharam, Commissioner of HC, (Civil Appellate), Jaffna and Mr. Madhawa Tennakoon, Senior State Counsellor were the other guests who graced this event.

3.17.1.12 Thaipongal celebration by students of the Faculty of Engineering on 15th January 2016

The students of the Faculty of Engineering celebrated Thaipongal day on 15th January 2016. This was the first Thaipongal event held at the new building of the Faculty of Engineering. All the guys were worked together, as a team work to organize the event and done it very successfully, to the first building of the Faculty. They shared delicious pongal with everybody in the premises

3.17.2 Faculty of Medicine

- Jaffna Medical Association is celebrating its 75th Anniversary this year. The academic sessions are taking place from 29th to 31st July in collaboration with the International Medical Health Organization.
- The 35th batch of students are organized the Food producing competition and Food carnival on the basis of prevention of Non – communicable disease for the field health activity, it was held on 06th and 07th of February 2016 at Examination hall and canteen, Faculty of medicine, as one component of Community and Family Medicine subject.
- World Diabetes Day 2016, Diabetes walk and awareness programme was organized by the Diabetes Centre, Teaching Hospital, Jaffna. It was held on 14th of November 2016 at the Veerasingam Hall Jaffna. Dr.S.Raviraj, Dean, Faculty of Medicine, University of Jaffna was participating of Chief Guest of the event. Diabetes walk was start from the entrance of JICA Building, Teaching Hospital, and Jaffna at 7.00 a.m.

- The students of the Faculty of Medicine celebrated Thaipongalvizha on 15th January 2016. All the students were worked together, as a team work to organize the event and done it very successfully. They shared delicious pongal with everybody in the premises. It was held on October 2016 from 08.15 a.m. to 2.00 p.m. at Conference hall, Faculty of Medicine, University of Jaffna.
- The Students of the Faculty of Medicine celebrated VaaniVizha Programme on 11th October 2016. All the Hindu students were worked together, as a team work to organize the event done it very successfully.
- The students of the Faculty of Medicine celebrated Thaipongalvizha on 15th January 2016. All the students were worked together, as a team work to organize the event and done it very successfully. They shared delicious pongal with everybody in the premises.

3.17.3 Unit of Siddha Medicine

- Initiated the Meditation Programme since 13.07.2016 from 7.30 am to 8.15 am (Every Monday to Friday) by the “Department of Gunapadam” at Unit of Siddha Medicine, University of Jaffna.
- Organized the Meditation, Awareness Programme at Elders Home, Kaithady from 01.10.2016 to 07.10.2016.
- Organized the “Environmental Day” Celebration on 22nd June 2016 at the Unit of Siddha Medicine by the “Department of Gunapadam” in this programme were benefited by Thenmaraddchi school students(above 400) and Medicinal Plants nurseries and seeds were distributed in order to promote cultivation of medicinal Plants to Schools.
- Educational Tour - which was arranged for the 2nd BSMS students to visit the Government Herbal garden maintained by the Department of Ayurveda (Nawinna Botanical Garden, Halthumulla Herbal Garden and Pattipola Herbal Garden, Pinnuthuwa and Kirathurakottai).
- Diabetic Day Celebration and Conduct the Seminar by the “Gunapadam Department” regarding the Medicinal plants used in Mathumegam on 14.10.2016 (PoyaDay) organized by Diabetic Association at Vempadi Girls High School.
- Medicinal plants awareness programme conducted by the Gunapadam Department at Chavakacheri Hindu College on 29.06.2016.
- Organized the medicinal plant exhibition stall at Elders Home, Kaithady From 01.10.2016 to 07.10.2016 requested by the Director of Elders home. (During Vacation)
- Demonstration of Yoga shows was conducted for different diseases at the Unit of Siddha Medicine, University of Jaffna, Kaithady.
- Exhibition Stall – Herbal and Herbal products exhibition stall at the Elders Home , Kaithady organized by the “Department of Gunapadam” and “Department of Kuzhanthai Maruthuvam” Unit of Siddha Medicine , University of Jaffna.

- Siddha Sessions Collaborate with the International Indigenous Healthcare Exhibition and Symposium(Expo 2016),which was held on 8th to 10th July 2016 at BMICH,Colombo , organized by the National Chamber of Sri Lanka together with Ministry of Health and Indigenous Medicine and other government Institutions .
- Contribution of the Siddha Sessions in Research for 4th Intentional Conference on Ayurveda, Unani, Siddha and Traditional Medicine, 8th- 10th December 2016 (ICAUST), Institute of Indigenous Medicine, University Of Colombo, Sri Lanka.

3.17.4 Vavuniya Campus

3.17.4.1 Career Fair

Vavuniya Campus of the University of Jaffna organized a Career Fair on May 27th and 28th at the Pambaimadu premises of the Vavuniya Campus. The aim of this Career Fair was to bring prospective employers at one place and provide chance for students/alumni and society members to interact with employers and explore their future employment opportunities. As part of this Career Fair, it was arranged to provide Career Guidance Seminar to the G.C.E. (A/L) and G.C.E. (O/L) students to pave way to plan their future career. This seminar was conducted in all three languages by resource persons from a reputed professional body. 25 employers and 14 institutes participated at this event. 960 graduates or professionally qualified candidates and 750 non graduates participated at this fare. 530 school student attended seminar and visited institutes. The event was contributing some special opportunities to the students and society and the effort that the Vavuniya Campus had put into this event was outstanding.

3.17.4.2 NewsLetter

Vavuniya Campus released news letter in the first time of its history. For this purpose, a newsletter Committee framed. 3 issues were released in 2016. All the important events of the Campus, faculties, departments and units and activities related to students were published in those issues.

3.17.5 Faculty of Management Studies and Commerce

The following students from our department have awarded in the MAS Awards ceremony 2016 for the best overall students that was held in 1st of December in Battaramulla organized by MAS Holdings.

Miss. Mohamed Rafeek Fathima Aqeela	-	Winner (One Lakh)
Miss. Visvapadcham Vijikala	-	First Runner-up
Miss. Vijayakumar Renusha	-	Second Runner-up

3.18 Any other matters

3.18.1 Certificate Awarding Ceremony

3.18.1.1 Physical Education Unit

Certificate Awarding Ceremony for the students of 10th and 11th Diploma in Physical Education was ceremonially conducted at Kailasapathy Auditorium of the University of Jaffna on 12th of March 2016.

3.18.1.2 Media Resource Training Centre (MRTC)

The Certificate Awarding Ceremony was held on 19th of November 2016, at the MRTC Auditorium, and 19 students were participated at the above event.

3.18.1.3 Faculty of Management Studies & Commerce

The Faculty of Management Studies & Commerce conducted certificate awarding ceremony for the participants of Youth Leadership Development Programme (Mannar District) founded by UNDP on 26th February 2016 at Kalaisapathy Auditorium.

3.18.2 31st Annual Convocation

31st Annual Convocation of the University of Jaffna was held on 19th and 20th of January 2016, and 1613 Undergraduates and 164 Postgraduates students awarded degrees at the Convocation.

3.18.3 Training Programme

The Department of Zoology conducted a Training Programme on vector identification and vector incrimination for health officers affiliated to regional director of health services (RDHS) office, Anurathapura from 16th to 18th March 2016.

3.18.4 Preparing Fixed Assets Register

The process of computerized Fixed Asset Register has been outsourced since 2013, and the accounts for land and buildings, motor vehicles and cloaks have been accounted for the Annual Accounts 2016.

3.18.5 International Yoga Awareness Programme

An International Yoga Awareness Programme was conducted by the Sports Science Unit on 22nd of June 2016 at its Student Complex and Kailasapathy Auditorium.

3.19 Achievements

3.19.1 Faculty of Technology

The establishment of Faculty of Technology at Kilinochchi premises has been gazetted on 29th of March 2016 as 10th Faculty of University of Jaffna, with the following three departments;

- a. Department of Bio System Technology
- b. Department of Engineering Technology
- c. Department of Inter-Disciplinary Studies

3.20 Failures and Justification

- The University was able to utilize 100% of capital allocation released by the Treasury in 2016. Although the annual allocation for capital expenditure for 2016 was Rs. 1367.0 million, the fund released from the Treasury was Rs. 1189.0 million. The University could not obtain additional allocation for the building of Faculty of Engineering on time.
- The proposal for upgrading of RAFA and Siddha Medicine were accepted in principle, the carders have been approved by DMS and the establishment of these two institutes needs Gazette Notification.
- Establishment of Faculty of Allied Health Sciences, Faculty of Hindu Studies and Faculty of Marine Sciences and Aquatic Resources Technology has not been approved yet.
- Bifurcation of Faculty of Arts and approval for new degree programme in Sports Science has not taken place.
- Establishment of Departments of Home Economics, Archaeology, Planning, Psychology, English, Media Studies and Translational Studies are still pending.

3.21 Future Plan

3.21.1 Infrastructure facilities and establishment of new faculties

3.21.1.1 Faculty of Science

Infrastructure facilities should be provided to the Department of Computer Science and Computer Unit. A new Faculty of Marine Sciences and Aquatic Resources Technology has to be established at Mullaitivu.

3.21.1.2 Faculty of Medicine

The Allied Health Science Unit should be upgraded to Faculty of Allied Health Science. The approval of Cabinet of Ministers to be obtained for the new building proposal for Faculty of Allied Health Science at the TCE of Rs. 1125.0 million.

Infrastructure has to be developed by putting up a multi storied building and the Construction of 8storied building for the Professorial unit has to be commenced.

Additional lands for the expansion of Faculty of Medicine and Allied Health Sciences unit have to be purchased.

3.21.1.3 Faculty of Arts

Faculty of Arts has to be bifurcated in to Faculty of Humanities and Faculty of Social Sciences. A new Faculty of Hindu Studies has to be established. New departments have to be created for which action has already been taken.

3.21.1.4 Faculty of Management Studies and Commerce

The building construction has to be completed and the Faculty should be moved to new site. The building proposal for the block “B”, water tank and internal roads to be submitted to UGC.

3.21.1.5 Faculty of Engineering

The underground power cabling has to be done to make all the buildings functional. The common facilities such as internal roads and sports facilities have to be improved.

3.21.1.6 Faculty of Technology

The construction of new building complex has to be commenced and proposal for the stage II of the building complex has to be submitted to UGC.

3.21.1.7 Faculty of Agriculture

Project for Establishment of Research and Training Complex with supply of Laboratory equipment from the grant assistance of JICA has to be implemented.

3.21.1.8 Vavuniya Campus

The construction of building complex at the approved TCE of Rs. 330.0 million has to be completed and new proposal for the buildings for Faculty of Business Studies has to be submitted to UGC. Further, action has to be taken to obtain Cabinet approval for the revised building proposals for common facilities already submitted to UGC.

Action has to be taken to upgrade the Vavuniya Campus as Vanni University.

3.21.1.9 Construction of Five Storied Administration Building

Action is being taken to prepare proposal for five storied administration building at the main campus.

3.21.1.10 Construction of Building and other Infrastructure Facilities at Kilinochchi Premises Proposals for the construction of following buildings and infrastructure facilities at the Kilinochchi Premises of the University of Jaffna will be prepared for cabinet approval.

- Establishment of Capital Works and Planning Unit.
- Corporate Management Cell and general Administration Building.

- Construction of drivers' rest rooms, record rooms, garage, complex and vehicle parks.

Construction of VCs Bungalow and staff guarders.

- Construction of quarders.

3.21.2 Other Activities

3.21.2.1 Staff Development Centre

Staff Development Centre will work on holding the workshops for academics, administrative and supportive staff.

3.21.2.2 Unit of Siddha Medicine

National research conference and exhibition on indigenous medicine (NRCBIM – 2017) is jointly organized by the Unit of Siddha Medicine, University of Jaffna and Department of Indigenous Medicine, orthern Province to be held on 27th to 29th January 2017.

3.21.2.3 Second International Saiva Conference -2017.

Second International Saiva Conference 2017 is organized by the Department Hindu Civilization, Faculty of Arts, University of Jaffna from 7th April 2017 to 9th April 2017 on the theme of “சைவசித்தாந்தமேன்மைகளும் இலங்கையரின் பங்களிப்பும;”.

3.21.2.4 Conference on Vector Borne Disease

The Department of Zoology, Faculty of Science is planned to organize a national conference on vector borne diseases on 10th February 2017.

3.21.2.5 Additional Carders

Additional Carders will be requested from UGC & DMS for the Departments, Centres, and Units for administrative and non academic staff.

3.21.2.6 Purchaseof Lands for future developments

Lands will be purchased or acquired for the future expansion and developments of the Faculties and Units in Jaffna, and to get government land at Mullitivu for establishing the faculty of Fisheries Science

3.21.2.7 IntroducingandImplementing MIS

Action will be taken to ensure implementation of Management Information System (MIS) and use of IT in all Faculties, Library and Administration Units and trained the staff

3.21.2.8 Quality Assurance

The newly formed quality assurance team will have to work at faculty levels and to improve its qualities of the teaching and learning process.

3.21.2.9 Updating the University Web Site and University Rank

Administrative departments and units and some of the faculties will update the website

3.22 Infrastructure Development

3.22.1 Jaffna Peninsula

Common Facilities

Township Project

The revised Township Plan was prepared for Kilinochchi, Vavuniya and Jaffna premises of the university and submitted to the Department of National Planning (DNP). A meeting was held on 16th March 2016 at the DNP with the officers of the University and the Department of National Planning and the DNP has assured to seek foreign assistance to implement the Township Plan.

Main Entrance for University of Jaffna

The University had planned to construct an entrance structure at the main entrance. It was stressed that the main entrance to the University should reflect the culture and heritage of this region which was accepted by the Council. Mr. Sayan Kumaradas (Architect) voluntarily prepared the design of the entrance gate on the request of the university Council.

The contract for the construction of main entrance structure was awarded to Central Engineering Services (Pvt) Limited on design & build basis for Rs. 25.0 million and the foundation was laid on 11.10.2016. The work was progressing.

Hostels

University of Jaffna received three hostels (Each hostel to accommodate 400 students) under the Stage I of the expeditious hostel project implemented by the Ministry of Higher Education & Highways (Two for the main premises and one for the Vavuniya Campus). All three hostels were completed in 2015 and ceremonially opened by Honourable Minister, Ministry of Higher Education and Highways on 22nd of November 2015 in presence of Honourable State Minister of Higher Education, Mr. Mohan Lal Grero, Honourable State Minister of Child Affairs Mrs. Vijayakala Maheswaran, Chairman, UGC, Prof. Mohan De Silva and the Vice Chairman, UGC Prof P.S. M. Gunaratnae.

Further, the Ministry allocated another five similar hostels under the Stage II of the same project in 2015 (Two for main premises, two for Kilinochchi premises and one for the Vavuniya Campus) and construction of those hostels were completed in 2016. The associated works for the said five hostels were going on. In addition to those eight hostels, the Ministry has allocated another two hostels for the Faculty of Technology, Kilinochchi in the latter part of 2016 and the construction will be commenced next year. University of Jaffna is the one which got the highest number of hostels out of the hostel

project for which our university would be very much thankful to the Ministry of Higher Education and Highways.

Faculty of Graduate Studies

The Faculty was functioning in the new four storied building and the construction of entrance gate was on progress.

Faculty of Management Studies & Commerce

Construction of Building block 'C' was already completed and used.

Since the progress of construction works of buildings blocks 'A' and 'D & E' were very slow the both contracts were terminated and the tenders for the balance works of Block "D&E" was called in 2016. The balance work for the Block "D&E" was awarded to Central Engineering Services (Pvt) Limited and 10% of the work was completed up to December, 2016. It is expected to call bids for balance work of buildings blocks 'A' next year. The Faculty of Management Studies and Commerce will be able to completely move to the new buildings by the end of 2017. The administration is in the process of identifying suitable lands adjoining the building site for future expansion.

Faculty of Arts

The Stage II of the construction of three storied exam hall of the Faculty of Arts was awarded in September, 2016 for Rs. 30.0 million and the work was progressing.

Faculty of Medicine

The Cabinet of Minister's approval was originally obtained for construction of five storied building for the professorial unit in 2014. The Faculty of Medicine then revised the estimate and obtained approval of the Cabinet of Ministers for eight storied building at the TCE of Rs.700.0 million in 2016 and tenders were also called on design & Build basis. It is expected to commence the work in 2017.

Faculty of Science

The building construction for Natural Science Block- Stage II Phase V was completed. Tenders were called and the contract was awarded for the supply of laboratory furniture to utilize the said building.

The Cabinet of Ministers has approved the project for Construction of two storied building for the Department of Computer Science at the TCE of Rs. 240.0 million in December, 2016. Procurement process will be commenced by next year.

Five Storied Building for the Unit of Siddha Medicine

The construction of three floors out of five storied building was completed in 2015 with lot of defects. Since the contractor has not rectified the defects the value of the work involved in rectification of those defects was deducted from the contractor's bill. The said contract was under adjudication and the report of the adjudicator was not accepted by the university. The building was ceremonially opened on 29.01.2017 by the Vice Chancellor.

3.22.2 Kilinochchi

Common facilities

Hostels

The construction of two hostels under the expeditious hostel project was completed and the students were given accommodation in those hostels from 2016. The Ministry of Higher Education and Highways gave Rs. 40.0 million for the furniture for the hostels. Further the Ministry allocated another 2 hostels in later part of 2016 for the Faculty of Technology and the construction will be commenced next year

Staff Quarters:

The project for the construction of 2 nos two storied buildings for Bachelor and Family quarters was approved by the Cabinet of Ministers in 2016 and action was being taken to commence the procurement and award the contract in 2017.

Faculty of Agriculture

Agreement was signed in 2014 between the Government of India and Ministry of Higher Education under 'Small Developmental Projects' for the grant of Rs.300 Million out of which Rs.235 million was allocated for the construction of 'Skilled Development Centre' for the Faculty of Agriculture. The building complex for Skilled Development Centre consisting of two storied Library and ICT building, Conference hall, Sports complex and Canteen were completed in later part of 2016 and those building will be ceremonially opened by next year. The procurement of vehicles, equipment, machineries and furniture was in progress.

The Cabinet of Ministers has approved at its meeting held on 06.04.2016 the project for Establishment of Research and Training Complex at the Faculty of Agriculture, University of Jaffna with the grant assistance of Japanese Yen 1,667,000,000 (Approximately Rs. 2,100 million) through Japan International Cooperation Agency (JICA). The grant agreement for the said project between Japan International Cooperation Agency and the Government of Sri Lanka was signed by the Chief Representative, JICA Sri Lanka office and the Secretary, Ministry of Finance on 18th may, 2016. The GOSL will contribute Rs. 265.0 million for the facilitation works and payment of taxes.

The Consortium of Oriental Consultants Global Co.Ltd and Earl Consultants Incorporated was appointed by the Ministry of Higher Education to provide consultancy services for the above project and the consultant was preparing bid documents for the construction of building complex and for the equipment. It is expected to call bids and commence the construction by next year.

Faculty of Engineering

Rs. 2,437 Million was approved for the buildings, equipment and furniture for Faculty of Engineering project (Rs. 1542 M for Building, Rs.790M for Equipment, Rs. 105M for Furniture). One new building was in use and all other three wings were almost completed by December, 2016. Some interior works had to be attended by the Contractor.

Agreement was signed between the Government of India and Ministry of Higher Education under 'Small Developmental Projects' for the grant of Rs.300 Million out of which Rs.255 million was allocated for the construction of 'Building for Mechanical Engineering' for the Faculty of Engineering. The building complex was completed in later part of 2016 and those building will be ceremonially opened by next year. The procurement of Vehicles, equipment, machineries and furniture under this project was in progress

Faculty of Technology

The Faculty of Technology absorbed its first batch of students (more than 200) in 2016 for both Bio Systems Technology and Engineering Technology degree programmes. The Faculty has been functioning with great difficulties in the semi-permanent buildings which were earlier used by the Faculty of Engineering with another two semi-permanent buildings. The existing canteen has been expanded to cater the needs of the Technology students.

The construction of building complex Stage I at the TEC of Rs 525.0 million was approved by the Cabinet of Ministers and action was being taken to request fund for the year 2017 and to commence the procurement process in 2017.

3.22.3 Vavuniya Campus

Common Facilities

Entrance Gate

The Entrance Gate (Stage I) was completed and opened on 15.12.2015 and the contract for the completion of the entrance structure was awarded to the department of buildings (NP) in 2016.

Sports Complex building-

Phase I was completed in 2015 and the contract for the completion of the complex was also awarded in 2016 and the work was progressing.

Hostel

Vavuniya Campus received one hostel to accommodate 400 students under the Stage II of the expeditious hostel project implemented by the Ministry of Higher Education & Highways. This was completed in 2015 and ceremonially opened by Honourable State Minister and the students were given accommodation in that hostel. Further, the Ministry allocated another similar hostel under the Stage III of the same project in 2015 and construction of the hostel was completed in 2016 and the associated works were on progress.

Faculty of Business Studies

The construction of buildings for the Faculty of Business Studies at the TCE of Rs, 92.0 million was completed in 2015 with the completion of Stage III. Some balance works in the building have been done out of rehabilitation fund. A special allocation of Rs. 30.0 million was obtained from the University Grants Commission and the stage I of the building for the Project Management Degree Programme was

awarded to the Department of buildings (Central) for Rs. 30.0 million. The work will be commenced by next year.

Faculty of Applied Science

Progress is very slow in respect of the Faculty of Applied Science Buildings. The second phase of the two storied biology building was progressing and expected to complete at the end of 2016. Further, the contract for the construction of first phase of the physical science building was awarded to the Department of Buildings (NP) and work will be commenced by next year.

The construction of two storied building for the ICT Technology Degree Programme at the TEC of Rs 200.0 million was approved by the Cabinet of Ministers in 2016 and action was being taken to request fund for the year 2017 and to commence the procurement process in 2017.

Lecture Hall Building for Vavuniya campus:

The Cabinet of Ministers has already approved a two storied building for lecture halls at the TCE of Rs. 59.37 million. Fund allocation was requested for the year 2017 and the work will be commenced by next year.

3.22.4 Requirements of Lands

The lands were identified for the expansion of Ramanathan Academy of Fine Arts (4 Larchchams 8.1 kulies), Allied Health Science Unit (Two lands each 3 Larchchams & 11,5 kulies), Faculty of Medicine (5 Larchchams) and Sports Science Unit (3 Larchchams 9.92 kulies) and the approval of the Council was obtained to purchase those lands out of generated fund of the university. It is expected to transfer the ownership of the lands by early part of next year.

In order to establish the proposed Faculty of Marine Science and Technology at Mullaitivu, the university identified with the support of the Government Agent/ Mullaitivu three lands in Mullaitivu district. 50 acres in Mullivakal for the academic and administrative facilities, 25 acres in Vadduwakal for the student hostels and another 50 acres at Uppumaweli for the research station. Action is being taken by the Government Agent to vest those lands to the University of Jaffna.

Having considered the future expansion of the Kilinochchi premises of the university additional 70 acres of land adjoining the 330 acre land was identified and action is being taken to get it vested to the university.

Project Management Committee Meetings

The Project Management Committee which is a subcommittee of the Council was meeting every month to monitor the progress the Infrastructure development projects.

3.23 Foreign Funded Projects

3.23.1 Faculty of Engineering

3.23.1.1 WaSo Projects

1. Dr. Sivakumar and Sampath attended the WaSo - Asia and Africa annual meeting from 8th to 10th January 2016 at Siem Reap, Cambodia and WaSo Workshop on Water and Environment on January 11, 2016 at Institute of Technology of Cambodia, Phnom Penh Cambodia.
2. Dr. Sivakumar attended the WaSo Workshop on Water and Environment January 11, 2016, Institute of Technology of Cambodia, Phnom Penh Cambodia as one of the resource person and presented a technical research article on “Shifting Conventional Operational Policy of Irrigation Water Bodies to Improve Ground Water System for the Sustainable Productivity Increase”
3. The Head Civil Engineering and WaSo-Asia-UoJ Norad Project Coordinator Dr S S Sivakumar , from Faculty of Engineering, Prof Meena Sentilnantanen from Faculty of Science and Dr Anantini Nanthakumar from Vavuniya Campus represented University of Jaffna in The NORHED Conference 2016 on “Knowledge for Development” organized by Norad from 6 – 9 June 2016 in Oslo, Norway.
4. Prof Harsha Ratnaweera visited Faculty of Engineering and took lectures to E13 and E14 batches.
5. The Annual meeting of WaSo Asia held in UoJ from 13th December to 15th December 2016. All the Asian partners attended the meeting.
6. Mr K Nirojan offered the WaSo scholarship under the category of “Master’s students from the developing country (University of Jaffna Sri Lanka) for marginalized groups to follow M.Sc./PG.Dip in Environment and Water Engineering, in home university (University of Peradeniya)”

3.23.1.2 WaterH Project

1. WaterH partnership agreement signed by Vice Chancellor in February 2016
2. Dr S S Sivakumar and Ms T Logeswaran attend the second project meeting of WaterH from 30th March to 2nd April held in Kandy
3. We received one RO plant through WaterH funding for research work as well as University drinking water use. Dr B Ketheesan is given responsibility to operate it and find possibilities of using this RO plant for any research activities.
4. Under Erasmus+ of European Union Water Harmony Erasmus+ 2nd Annual meeting was held in University of Peradeniya – Sri Lanka on 30th March -2nd April 2016. Dr.S.S.Sivakumar Head Civil Engineering/Coordinator Water Harmony project-UoJ and Miss.Thakshajini.L

participated this meeting. Academics from Norway, German, Poland, Ukraine and China were the participants of this project meeting. The project objective is “Capacity Building in Higher Education and Cooperation for innovation and the exchange of good practices” among ten Universities in Sri Lanka, Norway, German, Poland, Ukraine and China.

5. Water Harmony Erasmus+ 3rd Annual meeting was held in National Technical University of Ukraine –KPI from 19th May to 21st May 2016. Dr.S.S.Sivakumar Head Civil Engineering/Coordinator Water Harmony project-UoJ and Miss.Thakshajini.L were participated this meeting. The matters about Information exchange, regarding appropriate curriculum systems within the universities related to water and wastewater studies, curriculum development of the subjects, student mobility to university of Peradeniya –Sri Lanka in July-August 2016 and Staff mobility to Norwegian University of Life Sciences in July-August 2016 were discussed in the meeting. This has led a chance to collaborate with other university staff from Norway, German, Poland, Ukraine, China and even Sri Lanka to develop our academic system leading to provide employable graduates all over the world.
6. Dr.S.S.Sivakumar Head Civil Engineering/Coordinator Water Harmony project-UoJ and Miss.Thakshajini.L together with university of Peradeniya University senior academics visited the Water Quality laboratory of WaterNet in Kiev, Ukraine. Very fruit full discussion with the president of WaterNet Prof Mitchenko Tetiana (Doctor of Science in Engineering) Professor at the department of Inorganic substance and General Technology, Head of Laboratories of Iron exchange and Adsorption, Kyiv Polytechnic Institute, National Technical University of Ukrain.
7. Water Harmony Erasmus+ 4th Project Meeting held in University of Warmia and Mazury, Olsztyn, Poland 15-18 September 2016. This meeting was attended by 24 academic staffs from 10 Universities from Norway, German, Poland, Ukraine, China and Sri Lanka. Dr S S Sivakumar Head Civil Engineering and Coordinator University of Jaffna for Water Harmony project together with Dr Daniel Nirupan Subramaniam attend the meeting on behalf of University of Jaffna..
8. Water Harmony Erasmus+ 5th Project Meeting held from 30/11/2016 to 05/12/2016 at “Qinodao Technological University, China”. Dr S S Sivakumar Head Civil Engineering and Coordinator University of Jaffna for Water Harmony project attend the meeting on behalf of University of Jaffna.

3.24 Visit of Foreign Delegates to the Faculty

3.24.1 Faculty of Engineering

3.24.1.1 Prof Kumar David visited to the Faculty with his friends

Professor Kumar David, who was involved in writing the original proposal of the Faculty of Engineering in 1979, visited to the Faculty with his friends. He was very happy with the development took place and the growth of the Faculty of Engineering. He wishes the Faculty, Staff and the University of Jaffna for further development and their good services.

Going back to the history of the Faculty of Engineering (Reference from the report on the establishment of a Faculty of Engineering in the University of Jaffna, prepared by the Senate Sub-Committee on the Faculty of Engineering, Approved by Senate on 02.12.2002 and the Council on 1.12.2002):

The Senate and the Council of the University of Jaffna decided in 1979 that a Faculty of Engineering should be established in the University of Jaffna as soon as possible and appointed a Committee of competent professionals to study the matter and submit a report. The committee of professionals consisted of the following: (i) Late Prof. T. Sivaprakasapillai (formerly of the Faculty of Engineering, University of Peradeniya), (ii) Late Prof. A. Thurairajah (formerly the Dean, Faculty of Engineering, University of Peradeniya and the Open University of Sri Lanka and later Vice Chancellor of the University of Jaffna), (iii) Mr. A. Rangunathan (Dockyards Ltd. Colombo), (iv) Dr. P. Sivaprakasapillai (formerly of the University of Moratuwa) and Dr. A.K. David (formerly of the University of Peradeniya). The committee submitted a comprehensive report in 1980. The report was adopted by the Senate and the Council of the University of Jaffna and was submitted to the UGC for its approval.

The UGC appointed its committee in October 1987 consider the request made by the University of Jaffna comprising (i) Dr. S.M.A. Perera (Chairman), (ii) Prof. C. Dahanayake, (iii) Prof. Willie Mendis, (iv) Prof. Milton Amaratunga and (v) The Vice Chancellor of the University of Jaffna or his nominee. This committee too had a number of sittings and submitted a report in November 1988 recommending the following almost in the same order of earlier committee: (i) A Faculty of Engineering be set up attached to the University of Jaffna, (ii) The Faculty be located in Kilinochchi, (iii) The Initial intake be 50 students for the academic year 1991/1992, (iv) Additonal provision be made in the UGC estimates for 1990 prepared in 1989, for capital expenditure in 1990 for new faculty and (v) A professor of Civil Engineering and two technicians be appointed in 1989 to prepare for the commencement of building works in 1990. Accordingly a professor and two technicians were appointed in 1990. This shows clearly the

history started from 1979 for the Faculty of Engineering and very carefully landed on the ground in 2014 for its best services to the country.

3.24.1.2 IIT Professors visited to the Faculty of Engineering

Four professors from Indian Institute of Technology, where two of them are from IIT Bombay, one of them is IIT Indore and one prof is from IIT Punjab, visited to the Faculty of Engineering. This visit and discussion was organized on 7th September 2016 by Hon. A. Natarajan, Consul General of India, Jaffna consulate. Acting Dean of the Faculty, Dr. A. Anburuvel, invited all the professors from IITs and had very good interactive discussions with all the staff and students of the Faculty of Engineering. In brief the discussions were focused on Joint Entrance Examination and Graduate Aptitude Test in Engineering for new intake, possible collaboration between the Faculty and IITs, Staff training programs for our staff visiting to the IITs and support from IIT professors for curriculum development of the Faculty.

3.24.1.3 Professor Kasivisvanathan Chelvakumar is teaching at the Faculty

Dr. Kasivisvanathan Chelvakumar appointed to the Department of Interdisciplinary Studies as visiting professor from 6th August 2016. He is teaching to the Mechanical Engineering students. He also visited here already in two times in 2015 for a discussion as well as for teaching. We consider his vast knowledge and experience immensely contributed to the development of the mechanical engineering discipline while students were enjoying his teaching in the past. He created number of connections to the Faculty for future collaborations. His timely assistance is very much appreciated.

Dr. Kasivisvanathan Chelvakumar graduated with BScEng degree with first class honours from the University of Peradeniya in 1980. He completed his MScEng and PhD at the Faculty of Engineering and Applied Sciences at California Institute of Technology with major specialization in Civil Engineering and Mechanical Engineering and minor specialization in Aeronautical Engineering in 1981 and 1985, respectively. He obtained a number of awards Valedictorian; Irvine Company Award for highest GPA; Beta Gamma Sigma; Dean's Scholar; outstanding service award at University of California, Irvine, Ananda Amarasinghe Award for graduating first in the country at University of Peradeniya. He also obtained MBA from University of California Irvine in 2005. He had excellent professional experience in industries and held academic positions as adjunct professor at California State University from 1983 to 2001, Tenure-track assistant professor at Carnegie Mellon University from 1985 to 1989. Currently he is a visiting professor at the Department Mechanical Engineering Indian Institute of Technology Gandhinagar, Ahmedabad, Gujarat, India.

3.24.1.4 Dr. George Gunendran visited to the Faculty

Dr. A. G. Gunedran visited us on 25th July 2016. Dr. A. G. Gunedran is presently working as a PLM (Product Lifecycle Management) Application Specialist in Progress Rail (a Caterpillar Company), Sandiacre, Nottingham, UK. He did his PhD in Manufacturing Engineering, at Loughborough University, UK (2000 – 2003) and B. Sc. (Hons) in Mechanical Engineering in University of Moratuwa, Sri Lanka. (1993 – 1997).

He has worked in many institutions for almost 20 years in different positions, including Lecturer, System Engineer, Project Manager, Senior Consultant, PLM (Product Lifecycle Management) Application Specialist, architect, etc. The vast experience he holds in both academia and industry will definitely contribute to the development to the mechanical engineering section of the faculty.

He hold discussions with Head/Interdisciplinary Studies and Mechanical Engineering staff. The discussions were about curriculum development, teaching aid and lab development. He agreed to conduct a few modules for our mechanical engineering undergraduates. As manufacturing engineering is one of the sub-disciplines in mechanical engineering specialization in the faculty, Dr. A. G. Gunedran's expertise in that area will be useful for us to develop a strong foundation in manufacturing engineering. The faculty thanks him for visiting the faculty and helping us amidst his tight schedule.

3.24.1.5 E-86 Batch graduates from the University of Peradeniya visited to the Faculty

Dr. Nageswaran Kumaresan together with his team organised a visit of their batch (E-86), graduated from the University of Peradeniya, to the Faculty of Engineering University of Jaffna. It was a wonderful day to the Faculty with number of very senior Engineers, who shared their experienced knowledge while showing the way forward of young Engineering graduates. The students and the staff of the Faculty of Engineering of the University of Jaffna are very pleased to the Senior Engineers, who hold many top level positions, for explained the trends in Engineering for the students.

The event had excellent and interactive panel discussions including (i) Introductions by Dr. Niranjana Subramaniam, (ii) Technologies transforming industries by Dr. Nageswaran Kumaresan, (iii) Importance of Soft skills by Eng. Sivas Premjayanth, (iv) Taking initiative and leadership by Eng. Tharmaraja Rishindran, (v) Industrial experience by Eng. Robert Peries, (vi) General Interactive Discussion and Q&A by all the members visited and finally (vii) closing remarks was given by Professor Thas A Nirmalathas.

It was excellent event with E-86 batch graduates from University of Peradeniya, who came with experience from many different countries. The members visited here are Rajendram Arulnathan

(USA), Ariya Balakrishnan (USA), S Baskarasabesan (SL), Nadarajah Kirupaharan (USA), Muttulingam Kumaraverl (UK), Nageswaran Kumaresan (UK), Kandiah Nallainathan (SL), Thas A Nirmalathas (Australia), Selvarajah Prabakaran (SL), S Raveendran (SL), Robert Peries (SL), Ananthan Pillai (Australia), Sivas Premjayanth (Canada), Tharmaraja Rishindran (USA), Balasubramaniam Sivagurunathan (USA), Niranjana Subramaniam (UK), Suthaharan Nagendran (USA), Ambi Thurai (USA) and Bavaharan Vanniyasingham (UK).

The E-86 batch donated the portrait of the late Professor A. Thurairajah to the Faculty of Engineering and also they donated money to add to the Professor A. Thurairajah's Gold Medal award, which is given at the General Convocation for the overall best performance from All the Faculties. Further they also donated some books to the Faculty of Engineering library.

The Faculty staff and students thank to the professionals from E-86 batch, for spending their valuable time with us during their tight schedule on batch get-together in Sri Lanka.

3.24.1.6 Dr. S. Niranjana Visted to the Faculty of Engineering on 14th and 15th of July 2016

Dr. S. Niranjana Visted to the Faculty of Engineering on 14th and 15th of July 2016. He had an interactive discussion with the staff members of the Department of Computer Engineering on Computer Engineering curriculum, laboratory development and Computer Engineering program accreditation process. He was a panelist in the discussion which was held on 15th of July 2016 with the student and the staffs of the faculty of Engineering. His visit was a golden opportunity to share his thought with the students and the staff of the Faculty of Engineering.

Dr Niran Subramaniam is Senior Lecturer in Accounting and Information Systems, Associate Dean (Education), Faculty of Management, Economics & Law at Royal Holloway – University of London, and Director of Postgraduate Programmes at the School of Management. He is also a College Advisor at the Green Templeton College, University of Oxford, where he was a Lecturer at the Said Business School. His research interests lay at the nexus of Sociology, Technology and Accounting, and his areas of expertise include strategic management accounting, contemporary management control systems and the use of enterprise systems. He is a Fellow Chartered Management Accountant (FCMA), and a Fellow of the Higher Education Academy (FHEA).

3.24.1.7 Professor Logen Logendran visited to the Faculty

Dr. R. Logen Logendran is a Professor of Industrial and Manufacturing Engineering and Graduate Program Chair in the School of Mechanical, Industrial, and Manufacturing Engineering at Oregon State University, Corvallis, Oregon, USA. Prof was appointed to the Faculty of Engineering as a visiting professor from 4th July for five weeks to serve the faculty on teaching subjects for Mechanical Engineering students and at the Department of Interdisciplinary Studies. His lectures were very well attended by the students and his

mentoring to the staff members was excellent. During his stay here he also helped to revise the curriculum on the Mechanical Engineering subjects. The Department and the Faculty thanks his services, which helped specially at the initial stage of the Faculty development.

Dr. Logendran received his Bachelor of Science Degree with honors in Mechanical Engineering from the University of Sri Lanka, Master of Engineering Degree (with thesis) in Industrial Engineering and Management from the Asian Institute of Technology, Thailand, and Ph.D. in Industrial Engineering and Management from Oklahoma State University. Dr. Logendran has co-edited a book titled Group Technology & Cellular Manufacturing: Methodologies and Applications, and has authored or coauthored more than 125 publications in archival journals, book chapters, and refereed conference proceedings.

Most recently, Dr. Logendran received the 2013 Distinguished Alumni Award in Academics and Research Excellence from the Asian Institute of Technology, Thailand. He received the Best Paper Award twice (in 2009 and 2012) for papers presented at international conferences and published in the conference proceedings. His areas of research include cellular manufacturing, group scheduling, supply chain scheduling, vehicle routing and scheduling, facilities layout and design, manufacturing simulation, and integration of design and manufacturing. His research has been supported by the National Science Foundation (NSF), Oregon Metals Initiative, Oregon Department of Transportation, TransNow, Port of Portland, Oregon Economic Development Agency, and industry. In 1996, he received the “Most Favorite Teacher of the Year” award by the IIE Student Chapter at Oregon State University. Prior to that, the IIE Student Chapter at Southern Illinois University in Edwardsville gave him the “Outstanding Industrial Engineering Faculty Member Award” in appreciation of excellence in teaching for 1987-88. Besides teaching, he has held research fellowship positions with various organizations, including Air Force Office of Scientific Research (AFOSR) - McClellan Air Force Base, Sacramento, CA; The Boeing Company, Everett, WA; and National Aeronautics and Space Administration (NASA) - Johnson Space Center, Houston, TX, and has made significant contributions aimed at solving industryrelevant problems. Dr. Logendran was a Fulbright Scholar at the University of Science, Malaysia in 2000. Currently he serves on the editorial board of the International Journal of Industrial and Systems Engineering, and has previously (1997-2008) served on the editorial board of the IIE Transactions on Design and Manufacturing.

Dr. Logendran is a Fellow of the Institute of Industrial Engineers (IIE), a Senior Member of the Society of Manufacturing Engineers (SME), a Member of the Institute for Operations Research and Management Sciences (INFORMS) and the American Society of Engineering Education

(ASEE), and Faculty Advisor for the Alpha Pi Mu Industrial Engineering Honor Society at Oregon State University.

3.24.1.8 Professor DhayalanVelauthapillai visited to the Faculty

Professor DhayalanVelauthapillai visited to the faculty on 2nd July to have a discussion on future collaborations specially on submitting a NOPART proposal. Dhayalan is a professor from the Faculty of Engineering and Business Administration of the Bergen University College in Norway. The Faculty of Science had already long past historical collaboration with Professor Dhayalan. It was excellent discussions on extending his collaboration with the Faculty of Engineering too. He also see through the facilities available at the Faculty of Engineering including the roof top solar system.

The NOPART proposal is based on both project development and implementation of educational activities. There were number of activities discussed related to Master and PhD level postgraduate program and research, undergraduate curriculum development and staff as well as students exchange programs. Some focused discussions were on renewable energy technologies. All these collaborations was headed by Professor Dhayalan and Professor P. Ravirajan, the lead researcher from the Faculty of Science of the University of Jaffna. The Faculty of Engineering is thanking both professors for initiating this collaborative program.

3.24.1.9 Professor Murugesu Sivapalan visited to the Faculty

Professor M. Sivapalan visited to the faculty on 30th June to have a discussion on future collaborations. It was an excellent discussion with few heads of the department and the dean. He agreed to help in future with the Faculty more closely. The Faculty thank his valuable time on spending with the staff members in discussion and his intention to help the faculty in the future in many different ways.

Murugesu Sivapalan holds a B.Sc. in Civil Engineering (University of Ceylon 1975), M.Eng in Water Resources Engineering (Asian Institute of Technology Thailand 1977), and M.A. (1983) and Ph.D (1986) in Civil Engineering, with a major in hydrology, from Princeton University. His work experience started from 1978 in Nigeria and Australia, where he was full professor from 1999 at the University of Western Australia, Perth. Finally he joined the University of Illinois in 2005. Dr Sivapalan was founding chair of the International Association of Hydrological Sciences' (IAHS) Decade on Predictions in Ungauged Basins (PUB) initiative. He has been a member of the editorial boards of several international journals and was Executive Editor of the European Geosciences Union's Hydrology and Earth System Sciences (HESS) journal for 10 years.

Dr. Sivapalan has been elected Fellow of the American Geophysical Union, Fellow of the Australian Academy of Technological Sciences and Engineering, Fellow of the Modeling and Simulation Society of Australia and New Zealand, and Life Member of the International Water Academy. He is the recipient of the International Hydrology Prize from the International Association of Hydrological Sciences, the John Dalton Medal from the European Geosciences Union, the Biennial Medal (for Natural Systems) from the Modeling and Simulation Society of Australia and New Zealand, and the Hydrological Sciences Award from the American Geophysical Union. He has also received the prestigious Robert E Horton Medal from the American Geophysical Union, and the Alfred Wegener Medal from the European Geosciences Union (EGU), one of three equally top Union medals awarded by the EGU. In 2003 he was awarded the Centenary Medal by the Australian Government “for service to Australian Society in Hydrology and Environmental Engineering” and in January 2012, he was awarded an Honorary Doctorate by the Delft University of Technology, The Netherlands.

3.24.1.10 Prof. N. Ravichandran visited to the Faculty to give his services

Prof. N. Ravichandran from Clemson University, USA visited and served as a contract appointment at the faculty of engineering for five weeks from 23rd June 2016. He engaged in teaching Geotechnical Engineering and Design for third year civil engineering students. In addition to teaching, he involved in developing curriculum, designing labs, preparing strategic plan of the faculty and mentoring young academics. Even before this visit, he has been actively involving in helping the faculty for a longer period. His earlier visit to the faculty was in December 2015 and July 2014.

During his stay, he shared his invaluable experience and knowledge with the young academics and students which created a momentum at the faculty. We are confident that it will immensely contribute to the faculty development. He will be helping us to develop state-of-the-art geotechnical lab at the Faculty of Engineering, University of Jaffna.

While we are obtaining the services from great academics like Prof. N. Ravichandran, we also thank them wholeheartedly for spending their invaluable time to come serve the faculty. We are quite definite that their guidance and contribution will drive the faculty in a proper track.

3.24.1.11 A delegation from the Millennium Challenge Corporation (MCC) from the United States visited to the Faculty

A delegation from the Millennium Challenge Corporation (MCC) from the United States visited to the Faculty on 21st June 2016. The MCC is an independent U.S. government agency focused on global poverty reduction. This is the MCC team's third visit to Sri Lanka and they are

analyzing the constraints affecting certain sectors' ability to generate even more jobs and income. Sri Lanka was selected for a threshold program, which comes with a series of smaller grants, but is being considered for a compact program, which would include large, five-year grants to revolutionize specific sector(s). As part of MCC's operations model, MCC programs will be done in close partnership with the Government of Sri Lanka. The discussion went about an hour and the team was very keen on the development of the University Business Linkage cell at the Faculty of Engineering.

3.24.1.12 Meeting to discuss mutually beneficial linkages between the Universities and educational institutions in India and Sri Lanka

Meeting was organized at the Indian High Commission of Sri Lanka at Colombo on 7th June 2016. There were few delegates from educational institutions from India and Sri Lanka. This meeting is organized as a follow-up event to the decision taken at the 9th Joint Commission Meeting (JCM) held on February 2016 at Colombo. This is to encourage mutually beneficial linkages between the Universities and educational institutions in India and Sri Lanka.

The Indian delegates participated were (i) Shri. Praveen Kumar, Joint Secretary, Ministry of Human Resource Development (MHRD); (ii) Prof. U.B. Desai, Director, IIT Hyderabad; (iii) Dr. Srinivasan Sundarajan, Director, NIT Trichy; (iv) Prof. H.M. Maheshwariah, Vice-Chancellor, Central University of Karnataka; (v) Prof. R. Gnanamoorthy, Director, Indian Institute of Information Technology Design & Manufacturing, Kancheepuram; (vi) Shri. A.K. Gopal, Under Secretary, International Cooperation Cell, MHRD. There were few Vice Chancellors, International relations officers, Deans from Universities and Educational Institutions from Sri Lanka, attended for this meeting.

The meeting was excellent and very fruitful in discussing the possible collaborations. It was stressed that (i) postgraduate studies at Indian Institutions for Sri Lankan young lecturers and (ii) short visits of senior staff from Indian Institutions to Sri Lankan Universities are the most suitable options to start up in near future.

3.24.1.13 Prof. Harsha K. Chelliah visited the Faculty of Engineering

Prof. Harsha K. Chelliah visited us on 27th April 2016. He took part in discussions with the head of the department and mechanical engineering lecturers. The discussions included curriculum development, project initiations and post graduate opportunities for young lecturers. He helped us to develop a few modules in mechanical engineering curriculum.

Prof. Harsha K. Chelliah worked in reputed universities and holds a sound record in academia working for more than 25 years. He is an active member of the Combustion Institute, the

American Institute of Aeronautics and Astronautics, and the American Society of Mechanical Engineers. He is an Associate Fellow of AIAA, a member of the AIAA Technical Committee on Propellants and Combustion, a member of the Executive Committee of the Eastern States Section of the Combustion Institute. He is also a member of the Editorial Board of the journal Combustion Theory and Modelling.

Prof. Harsha K. Chelliah expressed his keen interest in helping the department and faculty and also agreed to be the external supervisor for mechanical engineering research project. His experience and knowledge will help our students to boost their research caliber.

3.24.1.14 Prof Kanes K Rajah visited to the Faculty of Engineering

Professor Kanes K Rajah, who is the Royal Agricultural University Chair in Entrepreneurship and Innovation, visited the Faculty of Engineering on 19th April 2016. Discussion with him by the Faculty staff, gave directions with Entrepreneurships. It was wonderful and very interesting discussions on how the Universities can be benefitted by giving their best services to the country. Further discussion extended to share some thoughts on how the outcome of the higher Education, especially through the Research and Development can be used to produce Entrepreneurs with Innovative ideas. It was planned to request him for a long stay visit for further development to get his directions to be implemented.

Prof Kanes Rajah was the Dean of the School of Business and Entrepreneurship at the Royal Agricultural University (2012-2015) where he is a Senior Professor now. Further he is a Chartered Manager and Fellow of the Chartered Management Institute, and also a Fellow of the Higher Education Academy, UK. He holds a Visiting Professorship at the Laccocca Institute, Lehigh University, USA and senior committee roles at universities in South Africa, Zimbabwe and India.

3.24.1.15 Professor Alfred Antony Christy visited to the Faculty with delegates from University of Agder

Professor Alfred A. Christy who is from the Faculty of Engineering and Science, University of Agder, Norway, visited the Faculty of Engineering on 8th April 2016. He visited with his team to discuss the opportunities of pursuing postgraduate studies, staff exchange and possible research collaborations. It was an excellent discussion with the team of the staff from the University of Agder. The Faculty of Engineering of the University of Jaffna is a fast growing faculty started two years ago. This collaborative discussions will definitely help its growth with near future including staff visits and possible research collaborations. The Faculty of

Engineering sincerely thanked Prof Christy and his team on sharing all possible collaborations and inviting our staff members to University of Agder.

Historically, the official link between the University of Jaffna, Sri Lanka and the University of Agder at Kristiansand, Norway started from 1st July 2015 by signing MOU. The Vice Chancellor of the University of Jaffna, visited the University of Agder for signing the MOU. This MOU is to promote academic cooperation and student exchange between the two institutions, based on mutual benefit for both parties. In brief it promotes (i) Joint research projects mutually beneficial to academic staff and students from both institutions, (ii) Exchange of academic staff for consultation, curriculum development and research, (iii) Exchange of graduate and PhD students in the areas of interest for both institutions, (iv) Exchange of academic materials and academic and research publications in the fields of interest for both parties.

3.24.1.16 Dr. Tony Sahama visited to the Faculty for a discussion with young staff and Heads of the Departments

Dr. Tony Sahama, who is the coordinator Queensland University of Technology (QUT) for the split program agreed upon between QUT and UGC, visited the Faculty of Engineering on 4th April 2016. This visit was arranged to discuss about the opportunities of pursuing postgraduate studies at the QUT at Brisbane Australia. The University Grant Commission has signed an agreement with the QUT for motivating the young permanent academic staff to do the postgraduate studies at the QUT. There were collaborative fundings from both the UGC as well as QUT for this program. This has opened up an excellent opportunity for the young staff to complete their postgraduate studies with full funding. Dr. Tony Sahama explains the procedure and opportunities, which gave clear information to the staff team and Heads of the Departments of the Faculty of Engineering. The faculty thanks him for spending his valuable time for the discussion while good mentoring on motivating the young staff towards their postgraduate studies.

Tony was born in Sri Lanka and educated at University of Peradeniya, Kandy, Sri Lanka. At present, Tony is a senior lecturer in the Information Security Discipline, Science and Engineering Faculty (SEF). Tony's research interest is in Medical and Health Informatics in particular, Healthcare Information Technology (HIT), Information Accountability (IA) and Clinical Decision Support Systems (CDSS) design and development. Tony possesses PhD in Computer Science (Computer Simulation and Modelling, DACE), and has experience in working with researchers in developing customised technology applications for Clinical Decision Support Systems, Data warehousing, Data Integration and IT applications for healthcare decision making processes. Tony's recent work is in developing IT educational applications for consumers in the PACT arena (People Accepting Controversial Technologies).

Currently, Tony is supervising six PhD level research projects in the Medical Informatics, Health Informatics, eHealth and Health Information Technology research areas. Tony holds professional membership with ACM, IEEE, IBS, ACS, SSAI and HISA.

3.24.1.17 Meeting with delegates from Indian Institute of Technology (IIT) Gandhinagar, Gujarat

Dr. K. Chelvakumar presently serving as a visiting professor in IIT, Gandhinagar (IITGN) informed the Faculty of Engineering that there are possible collaborations with IIT (Gandhinagar). As to initiate the relationship and to explore the possible collaborations, during the visit of Prof. Amit Prashant, Dean of Academic Affairs, IITGN, We, Faculty of Engineering academics had a meeting with IITGN delegates on 26th February 2016 at Jungle Beach Resort, Trincomalee. The meeting was attended by Dr. A. Atputharajah, Dr. A. Anburuvel, Mr. M. Vignarajah and Mr. R. Valluvan from the Faculty of Engineering, and, Prof. Amit Prashant, Dean of Academic Affairs, and Dr. K. Chelvakumar, Visiting professor from IITGN. The meeting started at 6:30 p.m. and went up to 9:00 p.m. Prof. Amit Prashant elaborately described the experiences that they had during the establishment of IITGN which is nearly 8 years old. Dr. A. Atputharajah indicated that, most of the experiences he shared were in line with what we're experiencing presently here in Kilinochchi. Further in the discussion, both IITGN and Faculty of Engineering, University of Jaffna agreed to work closely on sharing experience, conducting collaborative researches and promoting combined study programs for students and the staff. IITGN delegates also requested the faculty of engineering representatives to pay them a visit so that to get a grasp of ground situation there.

3.24.1.18 Dr. K. Chelvakumar visited the faculty and delivered a talk

Dr. Kasivisvanathan Chelvakumar visited the Faculty of Engineering on 23rd February 2016. He had discussions with the Dean of the Faculty of Engineering and Head/ Department of Interdisciplinary Studies regarding the services that he can render to the faculty and collaboration with IIT, Gandhi Nagar, where he is presently serving as a visiting professor.

He, further, engaged in discussion with staff members of Mechanical Engineering regarding mechanical engineering curriculum, equipment, teaching methods and postgraduate studies. The discussion lasted for nearly 05 hours, helped to put the mechanical engineering curriculum in a better shape. Young mechanical engineering staff actively participated in the discussion and thanked Dr. Chelva for his inspiring guidance on academic arena.

He also delivered a talk on the same day titled 'Finance for Engineers and Experiences'. The talk was jointly organized by Faculty of Engineering and IESL/ Northern chapter. The talk was attended by many engineers from the industry, staff of the faculty and students.

3.24.1.19 EurIng. Velu Yogendran (FIChemE and FCIWEM), a Senior Chemical Engineer visits the Faculty

Mr. Velupillai Yogendran, a Fellow of the Institution of Chemical Engineers, UK, Chartered Engineer, Chartered Water and Environmental Manager, Fellow of the Chartered Institution of Water and Environmental Management, UK, and European Engineer (EurIng) visited the faculty on 11th February 2016. He is currently working in collaboration with the University of Surrey, Guildford, UK for the last 5 years, lecturing on Pollution Control, Waste Management & Water Treatment Processes to M.Sc. students at the University of Surrey. And also, he is working as a Process Engineering Consultant at his own company, Invixo Consultancy Limited in UK. He has 24 years of experience in process design, commissioning, process investigation and troubleshooting water and wastewater treatment processes. In addition, 2.5 years research & development experience of membrane bioreactor (MBR) and one of the patent holders of Energy Efficient hollow fibre MBR system.

He held discussions with Dr. A. Atputharajah, Dean and Dr. A. Anburuvel regarding a few studies to be carried out at the faculty on waste management and water treatment. He was keen to guide the young engineers here to set-up pilot plants for producing biogas from waste and water purification using dual media (sand and GAC) and electrocoagulator. He, with the help of Instructor S. Sugitharan, set-up an electrocoagulator at the faculty of engineering and carried out a few trials. He confirmed that he would be assisting the faculty to continue the above studies.

He also delivered a talk on the same day titled 'Technical feasibility study of linking more lavatories including public lavatories to a small scale anaerobic digester with access for feeding cow dungs and animal droppings for the production of biogas for either cooking and or for generating electricity using Combined Heat & Power (CHP)'. The talk was jointly organized by Faculty of Engineering and IESL/ Northern chapter. The faculty thanks Dr. A. Anburuvel for coordinating this excellent knowledge sharing event.

Synopsis of the talk:

Anaerobic digesters (AD) are needed and to be installed below ground in Sri Lanka wherever suitable and to be linked with more toilets including public toilets with access to feed cow dungs and other animal droppings to AD is also required as there will be environmental benefits and social benefits. Anaerobic digestion is a proven process and operating in Europe, UK, USA, and Australia and in many tropical developing countries including India, China & Nepal. Based on the internet search, a few anaerobic digesters have been installed in the south of Sri Lanka. Typical biogas production data are available based human wastes and cow dungs. Biogas contains hydrogen sulphide gas which needs to be removed prior to feed it to CHP. The by

product from AD are organic biofertiliser which will help to reduce the nitrate concentration in borehole water in the near future and also will reduce carbon foot print. Sizing of AD and calculations of biogas production and electrical energy production will be included in the presentation.

3.25 Foreign Visits of academics of the Faculties

3.25.1 Faculty of Engineering

3.25.1.1 The NORHED Conference 2016 on “Knowledge for Development”

The Head of the Department of Civil Engineering and Coordinator of the WaSo Asia Project Dr S.S. Sivakumar, from the Faculty of Engineering participated in this conference. This conference was organized by Norad from 6th to 9th June in Oslo, Norway. In this conference, keynote addresses were delivered on the titles of (i) The politics and geography of knowledge, (ii) Investing in higher education and research for superior return and (iii) Universities and the SDG agenda. Three eminent senior academics from various part of the glob delivered their speeches to more than 400 audiences gathered in the auditorium of University of Oslo Norway. Further panel discussions were carried out with the topics of (i) University partnerships for development, (ii) Gender and diversity in higher education and research and (iii) Higher education and fragile situations.

The second day was allocated to the following plenary sessions with following topics and the eminent academics as moderators. The sessions were on (i) Higher education and development: Literature review by Susy Ndaruhutse, Head of international development, Education Development Trust, (ii) Searching for results: Aggregation of results for the NORHED program by Tewodros Kebede, Senior researcher, FAFO, (iii) Results management in capacity development for higher education and research by Azra Nurkic, Institute for Development Impact and (iv) NORHED design compared to other capacity building initiatives for higher education and research by Damtew Teferra, University of Kwazulu-Natal.

3.25.1.2 Water Harmony Erasmus+ project Annual meeting

Water Harmony Erasmus+ 3rd Annual meeting was held in National Technical University of Ukraine–KPI from 19th May to 21st May 2016. Dr.S.S.Sivakumar, Head Civil Engineering and Coordinator WaSo-UoJ and Miss. L. Thakshajini participated in this meeting. In this meeting, information exchanged regarding appropriate curriculum related to water and wastewater studies, student mobility to university of Peradeniya in July-August 2016 and staff mobility to Norwegian University of Life Sciences in July-August 2016 were discussed. This has given a chance to collaborate with other university staff from Norway, German, Poland, Ukraine, China

and Sri Lanka to develop the academic program leading to provide employable graduates all over the world.

Further, a meeting was organized with Prof MitchenkoTetiana - President of WaterNet. In this meeting Dr. S.S. Sivakumar, Miss. L. Thakshajini and deligates from the University of Peradeniya visited the Water Quality laboratory of WaterNet in Kiev, Ukraine. It was a very fruit full discussion with the president of WaterNetProf MitchenkoTetiana (Doctor of Science in Engineering). He is a Professor at the department of Inorganic substance and General Technology and Head of Laboratories of Iron exchange and Adsorption, Kyiv Polytechnic Institute, National Technical University of Ukrain.

3.25.1.3 WaSo workshop on Water and Environment

Dr. Sivakumar, Mr. Sampath and Dr. Lorani Rajasooriya attended WaSo Workshop on January 11, 2016, at Institute of Technology of Cambodia, Phnom Penh. Dr. Sivakumar and Dr. Lorani Rajasooriya delivered two presentations on their ongoing research activities in the Workshop. Further this was an excellent event to share the research experience of all professionals attended from the WaSo partner universities. This program and visit of all three staff members were sponsored by WaSo Project supported by the NORWAY public funding. The Faculty thanks for the sponsorship to motivate the knowledge sharing events.

3.25.1.4 WaSo Asia and Africa Annual Meeting

Dr. Sivakumar and Sampath attended WaSo Africa and Asia annual meeting from 7th January to 11th January 2016 at Siem Reap, Cambodia. Dr. Lorani Rajasooriya, Department of Geography, University of Jaffna also attended for the meeting as resource person. All the coordinators and secretaries of WaSo universities in both Asia and Africa attended the meeting. Meeting was started on 7th afternoon and finished the 10th Evening. It was one of the successful meetings that we have agreed and discussed many things in both parties in Asia and Africa.

4 Resources and Students

Table 1: Details of Resources and Students

Faculty	Course	Total Number of Students	Number of Academic Staff			Number of Non-Academic Staff	
			Permanent	Temporary	Support		
Jaffna	Agriculture	B.Sc. Agriculture	327	23	25	2	26
	Arts	B. A.	1970	73	29	1	47
		BFA	714	24	11	5	
		B.Laws	233	5	-	-	
		PGD. in Ed full time	94	5	-	-	
		PGD. In Ed. Part time	72	-	-	-	
	Engineering	B. Sc. Eng.	148	20	24	-	15
	Management Studies & Commerce	B.B.A.	1213	40	08	2	12
		B.Com.	317	-	-	-	
	Medicine	MBBS	643	51	-	-	66
	Allied Health Science Unit	B. Sc. (Nursing)	92	2	02	-	12
		B. Sc. (MLS)	93	-	03	-	
		B. Pharm.	79	1	02	-	
	Science	B.Sc. (Com Sc.)	118	8	08	2	87
		B. Sc.	1196	60	59	-	
		B.Sc in Applied Science	-	-	-	-	
	Technology	BET	-	4	-	-	01
		BBT	-	3	-	-	-
	Unit of Siddha Medicine	BSMS	212	9	05	-	11
	Self-Funded Course:						
	Sports Science Unit	Dip in Physical Education		3			03
	Faculty of MS & C	MBA					-
		Diploma in Micro Finance					-
Diploma in Marketing						-	
Diploma in HRM						-	
External Examination Unit	B.A	-	-	-	-	03	
	B.Com	-	-	-	-		
	B.B.M(Online)	-	-	-	-		
MRTC	Diploma in Journalism	-	-	-	-	-	

Services unit	Others						
	ELTC	ELT(Credit Unit)	-	19	3	2	-
			-	-	-	-	-
			-	-	-	-	-
	Computer Unit	NA	4	11	7	-	
	Library	NA	10	-	-	51	
	Physical Education	NA	-	-	8	8	
	HR Advancement Unit	NA	-	-	-	-	
	Extra Mural Studies	NA	-	-	-	-	
	Career Guidance Unit	NA	-	-	-	2	
Staff Development Centre	NA	-	-	-	1		
Total			364	190	29	345	

Vavuniya Campus	Faculty of Applied Science	B.Sc.	Environmental Science	82	08	08	-	07	
			Applied Mathematics and Computing	97	09	04	03	04	
		B.Sc in ICT		-	-	-	-	-	
		B.ICT		197	10	06	03	05	
	Faculty of Business Studies	BBM		354	05	02	-	00	
				-	07	02	01	01	
		BBM in Project Management		37	-	-	-	-	
	Self-Funded courses:								
	Faculty of Applied Science			-	-	-	-	-	
	Faculty of Business Studies			-	-	-	-	-	
Services Units Vavuniya Campus	Others								
	ELTU	Certificate in English		-	-	-	-	-	
		Diploma in English		-	-	-	-	-	
	IT Centre			NA	02	07	-	-	
	Library			NA	-	-	-	-	
Total			767	41	29	07	17		

Faculty of Graduate Studies	Ph.D.	20	-	-	-	07
	M.Phil.	148	-	-	-	
	M.A. (Tamil)	44	-	-	-	
	M.A. (Saiva Siddhanda)	26	-	-	-	
	M.Ed. (Jaffna Centre)	150	-	-	-	
	M.Ed. (Vavuniya Centre)	174	-	-	-	
	M.Sc. (Health Management)	-	-	-	-	
	M.Sc.(Environmental Management)	-	-	-	-	
	PGD in TESL	-	-	-	-	
	Post Graduate Diploma in Education(Part Time)	-	-	-	-	
Total Post Graduate Students	562	-	-	-	07	

5 Details of Local Students

Table 2: Local Students (Undergraduates)

Faculty		Course	Medium	Intake in 2016	Year					Graduated in 2016	
					1 st	2 nd	3 rd	4 th	5 th		
Jaffna	Agriculture	B.Sc.	English	100	81	82	79	85	-	49	
	Arts	B.A.	Tamil	500	511	410	403	646	-	384	
		B.F.A.	Tamil	195	169	188	186	171	-	162	
		B.Laws	English	50	47	56	53	77	-	50	
		PGD. Ed.	Full Time	Tamil	94	94	-	-	-	-	Not yet completed
			Part Time	Tamil	-	-	72	-	-	-	
	Engineering	B.Sc(Eng.)	English	75	48	54	46	-	-	-	
	Management Studies & Commerce	BBA	English	300	293	299	303	318	-	259	
		B.Com.	English	100	80	101	61	75	-	03	
	Medicine	MBBS	English	135	141	139	128	130	105	104	
	Science	B.Sc. in Com. Sc.	English	50	34	35	23	26	-	28	
		B.Sc.	English	300	334	302	321	239	-	163	
	Allied Health Science Unit	B.Sc. (Nursing)	English	40	31	16	20	25	-	11	
		B.Sc. (MLS)	English	35	23	25	20	25	-	16	
		B. Pharm.	English	35	27	19	15	18	-	06	
	Technology	BET	English	-	-	-	-	-	-	-	
		BBT	English	-	-	-	-	-	-	-	
	Unit of Siddha Medicine	BSMS	Tamil	50	46	46	42	37	41	32	
	Self-Funded Course:										
	External Examination Unit	B.A	-	-	-	-	-	-	-	-	340
B.Com		-	-	-	-	-	-	-	-	169	
B.B.M(Online)		-	109	-	-	-	-	-	-	-	
MRTC	Diploma in Journalism	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	-	-	1777	

Vavuniya Campus	Applied Science	Physical Science	English	-	-	-	-	-	-	-	
		Bio Science	English	-	-	-	-	-	-	-	
		BICT	English	75	60	63	57	17	-	38	
		B.Sc. (Environmental Science)	English	50	26	30	16	10	-	24	
		B.Sc. (Applied Maths. and Computing)	English	50	37	37	20	03	-	19	
		B.Sc.ICT	English	-	-	-	-	-	-	-	
	Business Studies	B.B.M in Project Management	English	50	37	-	-	-	-	-	
		Business Management		100	99	93	69	93	-	115	
	Total				325	259	223	162	123	-	196
	Self-Funded Course:(If any)										
					-	-	-	-	-	-	-
					-	-	-	-	-	-	-
Total				325	259	223	162	123	-	196	

6 Postgraduate Studies

Table 3: Faculty of Graduate Studies- Post Graduate Students

Degree	Course	Medium	Intake in 2016	Year					Graduated in 2016
				1 st	2 nd	3 rd	4 th	5 th	
Ph.D.	Biochemistry	English	01	01	-	-	-	-	-
	Economics	English	-	-	-	01	01	01	-
	Education	Tamil	-	-	03	-	-	01	-
	Fine Arts	English	-	-	-	-	01	-	-
	Geography	Tamil	-	-	-	-	01	01	-
	Hindu Civilization	Tami	-	-	-	-	-	-	01
	Hindu Philosophy	English	-	-	-	01	-	-	-
	Linguistics	Tamil	-	-	-	-	-	-	01
	Management	English	-	-	-	01	-	01	-
	Philosophy	Tamil	-	-	-	-	01	-	-
	Political Science	Tamil	-	-	-	-	-	01	-
	Siddha Medicine	English	-	-	-	-	01	01	-
	Tamil	Tamil	-	-	-	01	01	-	01
Total			01	01	03	04	06	06	03
M.Phil.	Agricultural Biology	English	-	-	01	01	02	-	-
	Agricultural Chemistry	English	01	01	-	-	01	-	-
	Biochemistry	English	-	-	-	-	-	-	-
	Chemistry	English	-	-	-	-	01	-	-
	Christian Civilization	English	-	-	-	-	-	01	-
		Tamil	01	01	-	01	-	04	-
	Civil Engineering	English	-	-	01	-	-	-	-

Computer Science	English	-	-	02	-	04	-	-
Economics	English	-	-	01	-	-	-	-
	Tamil	01	01	06	03	02	03	01
Education	Tamil	05	05	04	-	06	01	03
	English	02	02	-	-	02	01	-
Fine Arts	English	-	-	-	01	-	-	-
	Tamil	-	-	01	02	-	-	-
Fisheries Sciences	English	01	01	-	-	-	-	-
Geochemistry	English	-	-	-	01	-	-	-
Geography	Tamil	-	-	04	04	02	02	-
	English	-	-	-	01	-	-	-
Hindu Civilization	Tamil	03	03	02	01	-	04	-
History	Tamil	-	-	02	01	04	-	-
Linguistics	Tamil	-	-	-	-	-	01	-
	English	-	-	01	01	01	-	-
Management	English	-	-	03	07	09	02	04
	Tamil	-	-	-	-	-	-	01
Mathematics	English	-	-	-	01	02	-	-
Music	Tamil	-	-	-	01	-	-	-
Nursing	English	-	-	-	01	-	-	-
Philosophy	Tamil	-	-	-	01	02	-	-
	English	01	01	-	-	-	-	-
Physics	English	-	-	-	-	-	-	01
Political Science	Tamil	01	01	01	-	-	01	02
	English	-	-	-	-	01	-	-
Psychology	Tamil	-	-	-	-	-	-	-

		English	-	-	01	-	-	-	-
	Siddha Medicine	Tamil	-	-	-	-	01	-	-
		English	01	01	-	-	-	01	-
	Statistics	English	-	-	-	-	-	-	-
		Tamil	02	02	02	04	01	01	02
	Zoology	English	-	-	01	-	01	-	01
Total			19	19	33	32	42	22	15
M.A.	Tamil	Tamil	44	44	-	-	-	-	40
	Saiva Siddhanta	Tamil	26	26	-	-	-	-	-
Total			70	70	-	-	-	-	40
M.Sc.	Environmental Management	English	-	-	-	-	-	-	-
	Health Management (Repeat)	English	-	-	-	-	-	-	02
Total									02
M.Ed.	Master of Education	Tamil	150	150	174	-	-	-	102
PGD	Post Graduate Diploma in Education	Tamil	-	-	-	-	-	-	-
	Post Graduate Diploma in Library and Information Science	Tamil	-	-	-	-	-	-	01
	Post Graduate Diploma in Population Development Studies	Tamil	-	-	-	-	-	-	01
Total			150	150	174	-	-	-	104
Total Post Graduate Students			240	240	210	36	48	28	164

7 Students Population in the Jaffna University

Table 4: Total Students in Jaffna University

Faculty		Intake in 2016	Year					Graduated in 2016
			1 st	2 nd	3 rd	4 th	5 th	
Under graduate Students	Jaffna	1965	1889	1796	1700	1872	142	1417
	Vavuniya	325	259	223	162	123	-	196
Post graduate Students		240	240	210	35	49	28	164
Total From University of Jaffna		2530	2388	2229	1897	2044	170	1777

8 Details of Foreign Students

Table 5: Foreign Students

Faculty	Course	Medium	Intake in 2016	Year					Graduated in 2016
				1 st	2 nd	3 rd	4 th	5 th	
Faculty of Agriculture	-	-	-	-	-	-	-	-	-
Faculty of Arts	-	-	-	-	-	-	-	-	-
Faculty of Engineering	-	-	-	-	-	-	-	-	-
Faculty of Graduate Studies	-	-	-	-	-	-	-	-	-
Faculty of Management Studies & Commerce	BBA	English	01	01	02	-	-	-	-
Faculty of Medicine	MBBS	English	03	03	05	02	-	-	-
Faculty of Science	BSc	English	01	01	02	-	-	-	-
Faculty of Technology	-	-	-	-	-	-	-	-	-
Allied Health Science Unit	-	-	-	-	-	-	-	-	-
Sports Science Unit	-	-	-	-	-	-	-	-	-
Unit of Siddha Medicine	-	-	-	-	-	-	-	-	-
Faculty of Applied Science (Vavuniya)	B.ICT	English	-	-	03	-	-	-	-
Faculty of Business Studies (Vavuniya)	Environmental Science	English	-	-	-	01	-	-	-
Total			5	5	12	3	-	-	-

9 Details of Academic and Academic-Support Staff

Table 6 : Academic and Academic-Support Staff

Faculty	Subject		Academic Staff					Academic Support Staff Tutor/Instructor	
			Senior Professor/ Professor	Associate Professor	Senior Lecturer	Lecturer	Lecturer(Prob)		Temp. Demo/Temp Asst.Lect)
Agriculture	Agricultural Biology		1	-	1	-	2	4	2
	Agricultural Chemistry		-	-	2	-	2	5	
	Agricultural Economics		-	-	3	-	-	3	
	Agricultural Engineering		1	-	1	1	-	4	
	Agronomy		-	-	2	-	3	4	
	Animal Science		-	-	1	-	3	5	
Arts	Media Studies		-	-	1	-	-	2	6
	Christian Civilization		1	-	1	-	1	1	
	Dance		-	-	5	1	2	4	
	Art & Design		-	-	-	-	3	-	
	Music		-	-	-	-	-	-	
	Economics	Economics	-	1	5	-	-	1	
		Economics – Statistics	-	-	-	-	-	-	
	Home Economics		-	-	1	-	2	-	
	Education		-	-	3	-	2	-	
	Fine Arts	Fine Arts	-	1	2	-	-	1	
		Drama & Theatre	-	-	3	-	-	1	
	Geography	Geography	-	1	6	-	1	5	
		Planning	-	-	-	-	1	-	
	Hindu Civilization	Hindu Civilization	1	-	4	-	1	1	
		Hindu Philosophy	-	-	-	-	-	1	
History	History	2	1	2	-	-	4		

	Archaeology	-	-	-	-	1	-		
	Law	-	-	1	-	4	-		
	Linguistics & English Literature	Linguistics	1	-	2	-	2		1
		Sinhala	-	-	1	-	-		-
		Eng.Literature	-	-	2	-	-		-
	Music	Vocal	-	-	5	-	2		4
		Violin	-	-	1	-	1		3
		Veena	-	-	1	-	1		-
		Miruthangam	-	-	-	-	1		-
		Pannisai	-	-	-	-	1		-
	Philosophy	Philosophy	-	-	1	-	1		4
		Psychology	-	-	2	-	-		-
	Political Science	1	-	3	-	-	2		
	Sanskrit	-	-	2	1	-	-		
	Sociology	Sociology	-	-	3	-	-		2
		Anthropology	-	-	1	-	1		-
Medical Sociology		-	-	-	-	1	-		
Tamil	2	-	5	-	-	1			
Translation Studies	-	-	-	-	-	-	1		
ICT	-	-	-	-	-	-	1		
Engineering	Civil Engineering	-	-	6	-	2	4		
	Computer Engineering	-	-	-	-	4	7		
	Electrical and Electronic Engineering	-	-	2	-	2	6		
	Interdisciplinary Studies	Mechanical Eng.	-	-	-	-	3		6
		Eng. Mathematics	-	-	1	-	-		1

Management Studies & Commerce	Accounting	2	-	6	-	1	2	2		
	Financial Management	-	-	7	-	2	1			
	Human Resource Management	-	-	7	-	2	1			
	Marketing	-	-	7	-	1	2			
	Commerce	-	-	1	-	4	2			
Medicine	Medical Education	-	-	-	-	1	-	-		
	Anatomy	-	-	3	-	1	-			
	Biochemistry	1	-	2	-	-	-			
	Community Medicine	-	-	1	-	3	-			
	Medicine	-	-	4	-	-	-			
	Obstetrics and Gynecology	-	-	3	-	1	-			
	Pathology	Pathology	-	-	-	1	1	-	-	
		Parasitology	-	-	2	-	-	-		
		Microbiology	-	-	2	-	1	-		
	Pediatrics	-	-	1	2	-	-			
	Pharmacology	-	-	1	-	1	1			
	Physiology	-	1	1	-	1	-			
	Psychiatry	-	-	-	-	1	-			
	Surgery	-	-	3	-	4	-			
	Nuclear Medicine	-	-	1	-	-	-			
Forensic Medicine	-	-	-	-	-	-				
Science	Botany	-	-	10	-	1	4	2		
	Chemistry	1	1	10	-	1	13			
	Computer Science	-	-	6	1	1	8			
	Mathematics & St	Mathematics	1	1	3	-	4			14
		Statics	-	-	4	-	2			-
	Physics	1	-	4	-	3	12			
	Zoology	1	-	7	-	2	10			
	Fisheries	1	-	-	1	1	6			

Technology	Engineering Technology	-	-	1	-	3	-	-
	Bio Systems Technology	-	-	-	-	3	-	
	Inter Disciplinary	-	-	-	-	-	-	
Other Academic Units								
Allied Health Science Unit	Medical Laboratory Sciences	-	-	-	-	2	3	-
	Nursing	-	-	2	-	2	2	-
	Pharmacy	-	-	-	1	3	1	-
Sports Science Unit			-	3	-	-	-	-
Unit of Siddha Medicine		-	-	8	-	1	5	-
Library Services		1	-	7	-	2	-	-
Service Units	English Language Teaching	1	1	8	-	9	3	2
	Physical Education	-	-	-	-	-	-	8
	Computer Centre	-	-	-	3	1	11	7
Total		20	8	207	12	116	190	29

Vavuniya Campus

Faculty of Applied Science	Bio Science	-	-	1	1	6	6	-
	Physical Science	-	-	5	1	13	10	6
Faculty of Business Studies (Vavuniya)	Finance & Accountancy,	-	-	3	-	2	2	-
	Economics & Management	-	-	5	1	1	2	1
Library Services	Library	-	-	1	-	-	-	-
Service Unit	English Language Teaching Unit	-	-	1	1	-	7	-
Total		-	-	16	04	22	27	07

10 Details of Administrative and Non-Administrative Staff

Table 7: Administrative and Non-Administrative Staff

Faculty/Branch	Administrative Staff			Non-Administrative Staff			
	Most Senior	Senior	Junior	Most Senior	Senior	Junior	Minor
General Administration	1	4	2	4	3	20	27
Internal Audit	-	-	1	2	-	-	2
Career Guidance	-	-	-	1	-	-	1
Staff Development Centre	-	-	-	-	-	-	1
Financial Administration	-	3	3	1	5	20	2
Stores &Supplies Services	-	1	-	-	-	-	2
Security Services	-	-	-	-	-	4	44
Transport Services	-	-	-	-	-	-	11
General Admin(Kilinochchi Premises)	-	1	-	-	-	7	3
Faculty of Agriculture	-	-	1	-	1	9	15
Faculty of Arts	-	1	1	-	3	17	25
Faculty of Engineering	-	-	1	-	-	5	9
Faculty of Management Studies &Commerce	-	-	1	-	-	4	7
Faculty of Medicine	-	-	1	3	5	25	32
Allied Health Sciences Unit	-	-	1	-	-	8	3
Faculty of Science	-	-	1	1	1	30	55
Faculty of Graduate Studies	-	-	1	-	-	4	2
Unit of Siddha Medicine	-	-	-	-	-	6	5
Examination Services	-	2	1	-	4	9	3
Library Services	-	-	1	5	-	16	29
Health Services	-	-	-	-	-	5	4
Service Unit(Physical Education)	-	1	-	-	-	1	6
Sport Science Unit	-	-	-	-	1	-	2
Student &Staff Welfare Services	-	-	1	1	-	10	4
Faculty of Technology	-	-	1	-	-	-	-
Maintenance of Lands, Buildings, and facilities	-	-	1	-	2	4	1
Ancillary Services(Hostels)	-	-	-	-	-	-	8
External Examination Unit	-	1	-	-	-	2	1
Maintenance of Lands, Buildings, and Facilities	-	1	-	-	-	1	16
Total	1	15	19	18	25	207	320

Vavuniya Campus

Faculty/Branch	Administrative Staff			Non-Administrative Staff			
	Most Senior	Senior	Junior	Most Senior	Senior	Junior	Minor
General Administration	-	-	1	-	1	2	4
Establishment	1	-	-	1	-	2	2
Examination & Student services	-	1	1	-	1	2	1
Administration	-	-	-	-	-	-	-
Financial Administration	-	-	2	-	1	4	1
Library Services	-	-	-	-	1	2	4
Faculty of Applied Science	-	-	1	1	-	10	8
Faculty of Business Studies	-	-	1	-	-	3	3
Maintenance	-	-	-	-	2	-	4
Ancillary Services(Hostels)	-	-	-	-	1	-	-
ELTU	-	-	-	-	-	1	1
SDC	-	-	-	-	-	1	0

11 Details of Research, Innovation and Publications (Faculty wise)

Table 8 : Research, Innovation and Publications (Faculty wise)

Subject	Published	Commercialized	Presented
No. of Researches	337	1	60
No. of Innovations	-	-	-
No. of Journals	51	-	-
No. of Books	11	1	1
No. of Articles	68	-	1
Others	28	-	10
Total	495	2	72

12 Details of Program, Seminars and Workshop (Faculty wise)

Table 9 : Program, Seminars and Workshop (Faculty wise)

Subject	Attended	Completed	Presented
No. of Postgraduate Programs	9	2	-
No. of Degree Program	13	-	-
No of Diploma Program	1	2	-
No. of Certificate Program	2	1	-
Others	32	2	141
Total	57	7	141

13 Details of Award Received (Faculty wise)

Table 10 : Award Received (Faculty wise)

Subject	No. of Awards	No. of Academic	No. of Students
Local	7	6	5
National	8	3	19
International	2	4	1
Others	-	-	-
Total	17	13	25

14 Details of Actual Recurrent Expenditure

Table 11 : Actual Recurrent Expenditure

Subject	2015 (Rs.)	2016(Rs.)
Personal Emoluments	1,379,464,219	1,544,384,950
Travelling	4,487,698	4,441,637
Supplies	55,504,409	69,878,679
Maintenance	26,986,144	33,441,808
Contractual Services	181,917,836	207,266,968
Others	67,713,452	79,429,041
Total	1,716,073,758	1,938,843,083

15 Details of Actual Capital Expenditure

Table 12 : Actual Capital Expenditure

Subject		2015 (Rs.)	2016(Rs.)
Acquisition of land		-	-
Acquisition of Building & Structures		419,725,267	471,820,899
Acquisition of Plant & Machineries		-	-
Acquisition of Furniture & Office Equipment		165,564,672	439,005,157
Other Rehabilitation work	Knowledge Enchancement & Institutional Developments	93,869,653	266,979,008
	Strengthening Research	6,204,617	12,083,747
Total		685,364,209	1,189,888,811

16 Details of Projects (Local/Foreign Funded)

Table 13 : Projects (Local/Foreign Funded)

Name & Details	Loan/Grant 2015/2016	Funding Agency	TEC Rs	RFA Rs.	DF Rs.
National centre for Advanced Studies in Humanities and Social Sciences - M.phil /Phd to University Academics	250,000.00	NCAS	8,871,900.00		
National Science Foundation- Research	3,241,453	NSF	5,892,020.00		
Research Grant -University Grant Commission	6,502,835	UGC	13,006,800.00		
International Union for conservation of Nature (IUCN /MFF/07	2,044,409	IUCN	2,653,834.00		
Water Harmony	860,359	Norwegian University of Life sciences			
Drip Irrigation Project	2,482,400	Office for National Unity and Reconciliation	6,774,154.00		
National Thematic Research Programme on Food Security -	2,458,054	NSF	6,945,000.00		
Project on Women Entrepreneurship	351,914	Centre for Entrepreneurship Development and Incubation	551,696.00		
UNDP Programme	7,087,900	District Secretariates- Jaffna	8,418,575.00		
Norad Waso Project	8,403,400	Norad- Asia Project	45,059,557.00		
Kelani Saviya Programm	714,000	Kelani cable PLC	837,000.00		

17 Details Projects Expenditure (Local/Foreign Funded)

Table 14 : Projects Expenditure (Local/Foreign Funded)

Name & Details	TCE Rs.	Exp.in 2015	Exp.in 2016	Cumulative Exp. as at 31st Dec.2016
National centre for Advanced Studies in Humanities and Social Sciences - M.phil /Phd to University Academics		500,000.00	2,500,000.00	3,000,000.00
National Science Foundation- Research		2,212,266.00	6,636,529.00	8,848,795.00
Research Grant -University Grant Commission		4,050,856.00	3,744,920.00	7,795,776.00
International Union for conservation of Nature (IUCN /MFF/07		1,722,008.00	1,477,814.00	3,199,822.00
International Union for conservation of Nature (IUCN /MFF/127				-
Trip Irrigation Project			2,482,400.00	2,482,400.00
National Thematic Research Programme on Food Security -		1,130,327.00	1,564,281.00	2,694,608.00
Project on Women Enterpreneuship		645,153.00	70,500.00	715,653.00
UNDP Programme		2,897,912.00	3,751,183.00	6,649,095.00
Norad Waso Project		2,976,790.00	2,993,399.00	5,970,189.00
Kelani Saviya Programm		237,172.00	243,700.00	480,872.00

18 Details of Financial Progress (Expenditure)

Table 15 : Financial Progress (Expenditure)

Subject	Provision in 2016 (Rs.)	Expenditure in 2016 (Rs.)	Savings/Excess (Rs.)
Recurrent except Project	2,084,190,000	1,938,843,083	145,346,917
Capital except Project (Local funded)	1,367,000,000	1,189,888,811	177,111,189
Project Foreign funded	-	-	-
Project Local funded	-	-	-
Total	3,451,190,000	3,128,731,894	322,458,106

19 Details of Financial Progress (Generated Income)

Table 16 : Financial Progress (Generated Income)

Subject	Estimated in 2016 (Rs.)	Actual in 2016 (Rs.)
Undergraduate Studies	3,200,000	5,316,430
Postgraduate Studies	5,000,000	5,402,500
Consultancies	-	-
Other	19,990,000	29,754,449
Total	28,190,000	40,473,379

20 Financial Performance Analysis -2016

Table 17 : Financial Performance Analysis

Subject	Formula	Expenditure Per Student
Recurrent Expenditure per student(RE)	RE/No of student strength	261,899
Capital Expenditure per Student (CE)	CE/No of student strength	160,730
Total		422,629

21 Details of Infrastructure Facilities Received in 2016

Table 18 : Infrastructure Facilities Received in 2016

Infrastructure Details	Expenditure (Rs. in million) Up to 31.12.2016	Physical Progress (percentage or amount)
Construction of Natural Science Block - Stage II, University of Jaffna (Phase V)	41.6	100

Construction and Completion of Proposed Faculty of Applied Science Building for the Vavuniya Campus, University of Jaffna at Pampaimadu, Vavuniya	233.12	60
Construction and Completion of Proposed Faculty of Business Buildings for the Vavuniya Campus, University of Jaffna at Pampaimadu, Vavuniya	90.47	100
Construction of Building Complex for the Faculty of Management Studies and Commerce, University of Jaffna	202.98	60
Completion of Construction of Buildings for Faculty of Agriculture, Ariviyal Nagar, Kilinochchi	351.92	90
Construction of a Five Storied Building for the Unit of Siddha Medicine of the University of Jaffna at Kaithady - Stage - I	67.47	95
Construction of Examination Hall Complex for the Faculty of Arts at University of Jaffna	32.364	100
Completion of Balance Work of the Construction of Building for the Faculty of Graduate Studies, University of Jaffna at Thirunelvely Jaffna	38.553	99
Design & Construction of Proposed Buildings for Faculty of Engineering at Ariviyal Nagar, Kilinochchi, University of Jaffna	1347.92	90
Construction of Gymnasium, Jaffna	38.73	-
Construction of Four Storied 100 Rooms Hostel Building for University of Jaffna	(payment made by line Ministry)	8 Hostels completed, 2 Hostel works awarded)
Total	2,445.127	

22 Centre for Open and Distance Learning (CODL)

22.1 Student Enrolment

The following Table shows the student enrollment in the year of 2016.

Table 19 : Student Enrollment 2016

	Name of the Courses	Number of Students Registered
i	First Examination in Arts & B.A – Part I	--*
ii	First in Commerce	--*
iii	Bachelor of Music / Dance	--
iv	Bachelor of Business Management (Online Degree programme)	109
	Total	109

Note: * - Applications for the above said three-degree courses for the year 2016 have already been called and the selection process (Selection Test and Interview) is in progress

22.2 Annual Examinations

The following table shows the annual examination conducted by the centre in 2016.

Table 20 : Examinations Conducted in 2016

Name of the Examinations		Date
i	Bachelor of Arts – Part – II – 2012	06.02.2016 – 20.02.2016
ii	Special Degree in Christian Civilization – Part – II – 2012	08.02.2016 – 10.02.2016
iii	Special Degree in Christian Civilization – Part – III – 2012	15.02.2016 – 19.02.2016
iv	BBM Degree Programme - 1 st year 2 nd Semester – 2014	13.02.2016 – 28.02.2016
v	BBM Degree Programme - 2 nd year 2 nd Semester – 2014	13.02.2016 – 28.02.2016
vi	BBM Degree Programme - 3 rd year 2 nd Semester – 2014	05.03.2016 – 13.03.2016
vii	Bachelor of Dance / Music – First Year Examination - 2012	18.04.2016 – 22.04.2016
viii	Bachelor of Dance / Music – Second Year Examination - 2012	23.04.2016 – 27.04.2016
ix	Bachelor of Dance/Music –3 rd Year Examination –2011& 2012	18.04.2016 – 22.04.2016
x	Bachelor of Dance/Music –4 th Year Examination –2010& 2011	23.04.2016 – 25.04.2016
xi	First Examination in Commerce – 2013 (New Syllabus)	09.05.2016 – 17.05.2016
xii	First Examination in Commerce – 2013 (Old Syllabus)	09.05.2016 – 17.05.2016
xiii	Second Examination in Commerce – 2013 (New Syllabus)	20.05.2016 – 28.05.2016
xiv	Bachelor of Commerce – Part – I - 2013 (Old Syllabus)	20.05.2016 – 28.05.2016
xv	Third Examination in Commerce – 2013 (New Syllabus)	30.05.2016 – 04.06.2016
xvi	Bachelor of Commerce – Part – II - 2013 (Old Syllabus)	30.05.2016 – 04.06.2016
xvii	Fourth Examination in Commerce – 2013 (New Syllabus)	06.06.2016 – 11.06.2016
xviii	Bachelor of Commerce – Part – III - 2013 (Old Syllabus)	06.06.2016 – 11.06.2016
xix	First Examination in Arts – 2013	27.08.2016 – 17.09.2016
xx	BBM Degree Programme - 1 st year 1 st Semester – 2015	15.10.2016 – 23.10.2016
xxi	BBM Degree Programme - 2 nd year 1 st Semester – 2015	10.09.2016 – 18.09.2016
xxii	BBM Degree Programme - 3 rd year 1 st Semester – 2015	27.08.2016 – 04.09.2016
xxiii	Bachelor of Arts – Part- I – 2013	14.12.2016 – 31.12.2016

22.3 Releasing of Results

The following examination results were released in 2016.

Table 21: Releasing Results

	Name of the Examination	Date of Result released
i.	Bachelor of Commerce – Part – II – 2012 (Old Syllabus)	14.03.2016
ii.	Bachelor of Commerce – Award of Degree – 2012 (Old Syllabus)	14.03.2016
iii.	Bachelor of Commerce – Award of Degree – 2012 (New Syllabus)	14.03.2016
iv.	BBM (Online) – 1 st Year 2 nd Semester Examinations - 2013	14.03.2016
v.	BBM (Online) – 2 nd Year 2 nd Semester Examinations – 2013	14.03.2016
vi.	BBM (Online) – Award of Degree – 2013	14.03.2016
vii.	First Examination in Arts – 2012	23.06.2016
viii.	Bachelor of Arts – Part – I – 2012	19.09.2016
ix.	Bachelor of Arts – Part – II – 2012	07.10.2016
x.	Special Degree in Christian Civilization - Part – II - 2011	07.10.2016
xi.	Special Degree in Christian Civilization - Part – III - 2011	07.10.2016
xii.	Award of Degree – Special in Christian Civilization - 2012	07.10.2016
xiii.	Bachelor of Arts – Award of Degree – 2012	03.11.2016
xiv.	Fourth Examination in Commerce – 2013 - (New Syllabus)	08.11.2016
xv.	First Examination in Commerce – 2013 (Old Syllabus)	08.11.2016
xvi.	First Examination in Commerce – 2013 (New Syllabus)	08.11.2016
xvii.	Bachelor of Commerce – Part – I – 2013 (Old Syllabus)	08.11.2016

xviii.	Second Examination in Commerce – 2013 (New Syllabus)	08.11.2016
xix.	Bachelor of Commerce – Part – II – 2013 (Old Syllabus)	08.11.2016
xx.	Third Examination in Commerce – 2013 (New Syllabus)	08.11.2016
xxi.	Bachelor of Commerce – Part – III – 2013 (Old Syllabus)	08.11.2016
xxii.	Fourth Examination in Commerce – 2013 (New Syllabus)	08.11.2016

22.4 Award of Degree

The following table shows the number of students who have received the Award of Degrees in the year of 2016.

Table 22: Award of Degree

	Name of the Degree	Number of Students Awarded Degrees
1	Bachelor of Commerce – 2012 (Old Syllabus)	45
2	Bachelor of Commerce – 2012 (New Syllabus)	19
3	Bachelor of Business Management – 2013	17
4	Bachelor of Arts – Special in Christian Civilization – 2012	01
5	Bachelor of Arts – 2012	335
6	Bachelor of Commerce – 2013 (Old Syllabus)	25
7	Bachelor of Commerce – 2013 (New Syllabus)	37
8	Bachelor of Business Management – 2014	26
9	Bachelor of Dance - 2014	04
Total		509

22.5 Strength of Staff

The following table shows the staff position of the Centre in 2016.

Table 23: Strength of Staff

	Name of the Staff Members	Designation
1	Prof.B.Nimalathan	Director
2	Mr.T.Athiyaman	Senior Assistant Registrar w.e.f. 06.12.2016
3	Mr.S.K.Prapakaran	Assistant Registrar
4	Mr.T.Yogeswaran	Staff Assistant
5	Mr.N.Ariyaratnam	Clerk – Grade II
6	Mr.S.Nimalan	Computer Applications Assistant
7	Mr.S.Dasikaran	Computer Applications Assistant
8	Mr.T.Ratnakunasingam	Labour Grade I

22.6 HETC Project

A sum of Rs.20 million has been allocated for improving Relevance & quality of External degree programmes under HETC project - University Development Grant implemented this project under the following activities;

Table 24 : HETC Project

	Activity	Amount
01	Improve Governance and Management	3,575,000.00
02	Improve Quality and Relevance	5,600,000.00
03	Enhance Learning Resources and Learner support service	9,615,000.00
04	Promote Collaboration with state and non state Training Institutions	1,210,000.00
		20,000,000.00

22.7 Implementing the Requirements of the UGC Circular No.932 of 15.10.2010

Actions have already been taken to implement the requirements of the UGC Circular No.932 of 15.12.2010 which needs to bring reforms in the External Degree programme. Three boards of studies such as Board of study for Arts, Commerce and BBM (online) degree programme have already been established by the respective Faculty boards to bring reforms in the curriculum and the New Structure of syllabi for Bachelor of Commerce/ Bachelor of Business Management / Bachelor of Arts degree programmes have already been approved by the Senate, Council and the University Grants Commission.

Members for the Management Committee of the Centre have already been appointed by the Senate, Council and the UGC and action has been taken to submit this detail to the approval of the Council

23 Physical Education Unit

Physical Education Unit sports activities were conducted in well-organized manner. We could form our sports council on 25th of May 2016. We were able to form indoor and outdoor games teams for men & women. These teams took part in friendly competitions and tournaments. We organized University Indoor Open Tournaments successfully.

Physical Education Unit organized Colors Nite for the year 2015 on 19th November 2016. Prof. (Ms.) Vasanthy Arasaratnam, Vice Chancellor, University of Jaffna and Ms. Tharjini Sivalingam Former Sri Lanka National Netball Team Captain, Officer - Department of Liability Products Management, Seylan Bank, Colombo were graced the occasion as the Chief Guest and the Special Guest respectively. 40 men and 30 women students were awarded Full Colours and 23 men and 09 women students were awarded Half Colours. Mr. D. L. J. N. Liyanage was awarded Outstanding Athlete of the Year 2015, Ms. T. Abitha was awarded All-round Sportswoman of the Year 2015 and Mr. S. Prathap were awarded All-round Sportsmen of the Year 2015.

The Inter Faculty Track and Field Championship was held on 7th & 8^h of May 2016. Freshers Inter Faculty competition & Inter Faculty Competition for Indoor and Outdoor Games were held and many students from each faculty took part actively in these activities. Our teams performed well in the Inter University Championship - 2016 and our sports men and women have shown their talents.

The 12th Sri Lanka University Games - 2016 Olympic Torch Carrying Parade inauguration ceremony was held on 26th August 2016 at University of Jaffna. Parade started from University of Jaffna Playground and went through Adiyapatham Road, Palaly Road and Ramanathan Road to Main University premises, where the Olympic Torch officially handed over to the Vice-Chancellor of Wayamba University of Sri Lanka by the Vice-Chancellor of University of Jaffna to proceed to Kilinochchi premises of University of Jaffna and Vavuniya Campus.

The University Football Team and Road Race Team became Champions, Netball Team became 2nd Runner-up, Hockey Men Team became 3rd Runner-up and five members of Track & Field Men & Women Teams got six individual medals in the 12th Sri Lanka University Games - 2016. Some of our University Teams took part in district, provincial and national level competitions and won several titles in this year.

The University Weightlifting Women Team first time took part in the Inter University Invitation Weightlifting Women Championship Organised by University of Sri Jayewardenepura at University of Ruhuna and performed as follows: Ms. S. Kavipriya won Silver Medal under 69kg weight category, Ms. S. Pirasanthi won Bronze Medal under 48kg weight category and Ms. K. Moransika won 3rd Runner-up under 63kg weight category.

The students Mr. P. Abiharan, Miss. G. Thusyanthy and Miss. A. Vithura participated in the 2nd Asian University 3x3 Basketball Championship at Macau in China. The students Mr. J.E. Roskin Johns and Miss. S. Tharani participated in the 15th Session of the National Olympic Academy of the National Olympic Committee (NOC) of Sri Lanka

The staff of Physical Education Unit Mr. K. Ganeshanathan(D.P.E.), Mrs. J. Saravanapavalayer (I.P.E.), Mr. G.D. Mathiyalagan(I.P.E.) and Miss. S. Sithamparanathan(I.P.E.) participated in the Special Workshop on Finalizing the General and Technical Regulation for Sri Lanka University Games 2016, which was organised by the Wayamba University of Sri Lanka. Mr. S. Ranjithkumar(I.P.E.) attended the International Volleyball Coaches Coaching Course at Colombo. Miss. E. Arulampalam(I.P.E.) and Miss. S. Sithamparanathan(I.P.E.) attended the Netball Umpires Workshop conducted by Miss. Vivian de Silva - High performance Director for Netball Umpiring in the Asian Regions - 2016 at Colombo. Miss. S. Sithamparanathan(I.P.E.) attended the Netball Coaching Camp organized in partnership between the Foundation of Goodness and Netball Australia at Jaffna and the Seminar of "Introduction of Netball New Rules" at National School for Sports Science (NISS), at Colombo.

Physical Education Unit staff rendered their valuable contribution to the Schools, Clubs, District, Provincial and National sports activities such as Coaching, Officiating and Resource Person for

Seminars and Workshops in Physical Education and Sports. Our staff also participated in seminars and workshops related to sports and physical education.

The Sports Council organized Jaffna District Invitation Cricket Tournament. Our University successfully completed the year 2016 in sports and physical education with the cooperation of university administration, sports associations and sports well-wishers.

24 Welfare Services Branch

The following facilities/services have been offered by the Welfare Services Branch for the benefit of the students and staff of the University of Jaffna during the year under review.

1. Hostel Facilities
2. Canteen Facilities
3. Financial Assistances for the Students
4. Student Relations
5. Student Centre

24.1 Hostel Accommodation for Undergraduates

According to the existing hostel rules and regulations, hostel facilities are given only for outstation students who are reading in the first and final year. But considering their lectures and appointments in the teaching hospital, the hostel facilities are given for whole batch of medical students with the recommendation of the Dean/Medicine. In addition to this under humanitarian background, some disabled students are accommodated in the hostels without considering their year of study and hometown. During the year 2016, the students were accommodated in the following eleven permanent Hostels of the University of Jaffna

Table 25 : Hostel Accommodation for Undergraduate

No	Hostel	Warden	Sub warden	No.of Students accommodated
1	Anandacoomarrasamy Girls' Hostel	Dr.Mrs.S.Sivachandran	Mrs.R.Subani	280
2	Balasingam Boys' Hostel	Prof.K.Visakaruban	Mr.P.Poologanathan	104
3	Medical Students Hostel (Boys)	Dr.Mr.S.Rajendra	Mr.V.Kugatharsan	177
4	Medical Students' Hostel(Girls)	Dr.(Mrs).G.Bavani	Mrs.G.Jatheesan	189
5	RAFA Girls' Hostel	Mrs.S.Anandasayanan	Mrs.V.Paskaralingam	100
6	Siddha Medicine Boys' Hostel	Dr.S.Sivashanmugarajah	Mr.P.Sasitharan	50
7	Siddha Medicine Girls' Hostel	Dr.(Mrs).K.Sounthararajan	Ms.L.Murugesu	50
8	Ariviyal Nagar Boys' Hostel	Dr.K..Anburuvel	Mr.S.Sivakumar	56
9	Ariviyal Nagar Girls' Hostel	Dr.Miss.J.Sinniah	Ms.S.Jeyavathani	96
10	New Hostel-I	Dr.Mrs.S.Sivachandran	Miss.T.Lavanya	400
11	New Hostel-II	Dr.Mrs.S.Sivachandran	Ms.S.Vigetha	400

Further, in order to cope up with increasing need we have rented out the following thirteen private houses for students' accommodation.

Table 26 : Address of the Private Hostels

No	Address of the Private Hostels	No. of Students accommodated
1	Inuvil Private Hostel, Inuvil (Male)	87
2	No. 175, Raja Veethy Private Hostel, Kopay (Male)	24
3	Narchchimar Kovil Private Hostel (Female)	15
4	Kondavil Private Hostel, Kondavil (Female)	22
5	Agronomy Private Hostel, Thirunelvely (Female)	16
6	Graduate Studies Private Hostel, Ramanathan Rd Thirunelvely (Female)	16
7	Pannikar Lane Private Hostel, Thirunelvely (Female)	13
8	Kaladdy Amman Road Private Hostel, Jaffna (Male)	12
9	Thirunagar North Private Hostel, Kilinochchi (Female)	28
10	Thirunagar South Private Hostel, Kilinochchi (Female)	22
11	Uthayanagar East Private Hostel (Female)	18
12	Depo. Road Uthayanagar Kilinochchi	15
13	Kanakampikai kulam Road, Iranaimadu Kilinochchi	12

24.2 Canteen Facilities

The Canteen facilities were provided in the following places for the benefit of the staff and students of the University of Jaffna. They were able to obtain food and refreshment items in a reasonable rate.

1. Students Centre (Main premises)
 - a. Main Canteen- I
 - b. Main Canteen-II
2. Anandacoomarasamy Hall
3. Faculty of Medicine,
4. RAFA, Mruthanarmadam
5. Sidha Medicine, Kaithady
6. Kanagasundaram Hostel, Jaffna
7. Faculty of Agriculture, Kilinochchi
8. Faculty of Engineering, Kilinochchi

24.3 Financial Assistances for the Students

The following financial assistances were given for the students during the year 2016.

24.3.1 Mahapola & Bursary Payments

Table 27 : Financial Assistance

Faculty / Unit	Financial Assistance	
	Mahapola	Bursary
Agriculture	72	57
Arts	1233	963
Engineering	66	-
Management Studies & Commerce	830	270
Medicine	312	04
Science	260	262
Allied Health Sciences	126	18
Siddha Medicine	36	77
Total	2935	1651

24.3.2 Vice – Chancellor’s Welfare Fund

Contributions from well-wishers were received for this fund from abroad and locally in-order to provide financial assistance to deserving student’s Details of Payments made through Vice-Chancellor’s Welfare Fund and other Donors to the students during the year 2016.

Table 28 : Vice-Chancellor’s Welfare Fund

Fund	No.of Students Received
Engineering Studentship -01	05
Tamil Engineers Foundation -02	10
KuganKuganenthira Studentship -03	04
PriyaParameswaran Studentship -04	02
EliathambyAmbikairajah Studentship -05	02
Siva Thaya Thayakaran-Ramesh -06	01
MaheswaryJayanthi Studentship	02
Blossom Trust - UK	20
Unifund - Australia	63
Vice Chancellor’s Welfare Fund	48
MendisMackwoods Charity Fund	02
Scholarship to the needy Students	05
Governor’s Special Scheme of Assistance for the badly affected University Students – Northern Province	248
Total	412

24.3.3 Student Relations

During the year under review, University Student Union and Faculty Student Unions were functioned satisfactorily

24.3.4 Student Centre

The Senior Student Counsellor's Office, University Students Union Office, Career Guidance Office, Alumni Office, Welfare Services Branch, University Welfare Co-operative Stores, University Sub- Post Office and the Main Canteen(I, II) are functioning in this Centre. A Meditation Hall, Muslim Majils (Prayer Room), Badminton Court, Table Tennis Court and a Board Room are also located in this building for the use of the students.

25 Extra Mural Studies Unit

This unit has not been functioning since last one year. The Vice-Chancellor has requested Prof. K. Arunthavarajah to revise curriculum of the extra mural studies unit. Hence no academic activities has been conducted as the curriculum revision is on progress and as the request made to amalgamate the Workers education unit with extra mural studies unit. Prof. K. Arunthavarajah has been Functioning as co-ordinator from Extra Mural Studies Unit.

26 Career Guidance

26.1 Activities of Career Guidance Unit – 2016

- i. 11/02/2016 Career Guidance awareness programme for fresher at the Faculty of Management Studies and Commerce, University of Jaffna.
- ii. 14/03/2016- Career Guidance Workshop conducted by Dr.S. Kannathasan, Senior Lecturer, Faculty of Medicine for 200 students at Faculty of Management Studies and Commerce, University of Jaffna (Organized by Career Guidance Cell, Faculty of Management Studies and Commerce)
- iii. 14/03/2015- "Meet the UN Session" Four head of agencies Ms. Rebecca Tavares, UN WOMEN Representative for India, Bhutan, Maldives, Sri Lanka. Mr. Jorn Sorensen, UNDP Country Director, Mr. Alain Sibenaler, UNFPA Representative, Mr. Donglin Li, ILO Country Director) and 100 students participated to get more awareness about issues which women faces in the work place and family.
- iv. Transformative Leadership Workshop for Students of University of Jaffna was organized by the GIZ. 25 students and three lecturers from the Faculty of Arts have participated in the Transformative Leadership Training Programme which was held between 2nd of April to 04th of April in Vavuniya.
- v. GIZ organized the Exposure programme for youth leaders who participated in Transformational Leadership programme from University of Keleniya and University of Jaffna with the main objective to " create a common platform for youth from

diverse backgrounds to come together to perceive a broad understanding of the role of transformative leaders in creating positive social change”. They have conducted this exposure programme in May 2016 from 11th to 15th.

- vi. Facilitated to 50 students from Faculty of Science and 50 Students from the Faculty of Management Studies and commerce to participate at the Vanni Career Fair- 2016 on 27th May 2016
- vii. GIZ organized Visit to Jaffna: Building on the successes of Phase 3 in order to strengthen relationships between universities and response to tensions in the local university structures and culture, the Jaffna visit will focus on the cultural elements in the area and the sites mass atrocity during the protracted war and engage students to jointly reflect on the role of cultural memory, reconciliation between polarized communities and the role of youth leaders as ambassadors of peace.(6 days- September 16th – 22nd, 2016)
- viii. Bharti Airtel Lanka (private) Limited conducted a workshop to improve the skills related to career guidance to the students in the Faculty of Arts. They have conducted the workshop to 50 students in the Faculty of Arts on 5th of April from 9.00 am to 1.30 pm. They have conducted the workshop on CV preparation; and Mock interview (one on one).
- ix. Career Guidance Session conducted to the students in the Faculty of Management Studies and Commerce by Dr. S. Rajumesh, Director, Career Guidance Unit.
- x. A session conducted to the students at the Ramanathan Academy of Fine Arts by Dr. S. Rajumesh, Director, Career Guidance Unit.
- xi. Career Guidance session conducted to the Students in the Faculty of Arts by Dr. S. Rajumesh, Director, and Career Guidance Unit.
- xii. A Motivational Declamation Workshop On Career Guidance And Skill Development In Accordance with the request made by the Faculty of Agriculture, University of Jaffna the Agriculture Faculty Alumni, University of Jaffna, has come forward to hold a workshop on Friday-6th of May, 2016 from morning 8.30 hrs till afternoon 13.30 hrs with refreshments and lunch being provided. The workshop is open to 2nd year (25th Batch) Agriculture Faculty Students for whom it is exclusively organized. Alumni members officiating in the workshop
- xiii. Ms.S.Karthikeyini: (Agros 3rd Batch), Programme Officer, United Nations Children’s Fund
- xiv. Mr.N.Sutharman: (Agros 4th Batch), Programme Manager, United Nations Children’s Fund
- xv. Mr.N.Kamalathas: (Agros 4th Batch), Regional Manager, USAID-MSI, SPICE Project-North.

- xvi. Career Guidance Expert Forum Series (No:3)- A Motivational Declamation ON ‘Career Prospects and Employment Opportunities through Business Linkages’ BY Peter Sommer, Researcher, University of Leipzig, Germany/ International Consultant and Trainer IAI & CONOSCOPE, Germany on 13th of May/2016 at Faculty of Agriculture.
- xvii. Career Guidance Expert Forum Series (No:2) A Motivational declamation on complex creativity and entrepreneurial behaviour by Kaneh K. RAJAH, Senior Professor and Researcher, School of Business and Entrepreneurship and Innovation, Royal Agricultural University Cirencester, United Kingdom on 19th March, 2016 at Faculty of Agriculture.
- xviii. Education USA Consultation by The American Corner conducted a session on studying in a college or a university in the USA. They conducted this program for University students to give them the knowledge about how to apply, how to find scholarships and how to select best schools or college in the United States of America. Their education USA advisor Edna Selvanayagam from the Fulbright commission Colombo conducted the sessions for the students in the Faculty of Science and Faculty of Management Studies and Commerce on . Please inform to the suitable students to participate the above event on 16th September 2016 at the Faculty of Science.
- xix. A workshop was arranged to the students to participate the business plan development for their entrepreneurial activities. National Enterprise Development Authority (NEDA) promote Entrepreneurship Development programme with universities, focusing on promoting entrepreneurship for graduates. The programme has been named as “Upadhidari Viyawasayake Udanaya (UVU)” on 28th of November 2016 at Faculty of Science.
- xx. A workshop was arranged on CV preparation by Mr.Suvampillai Aravinthan, Trainer at Faculty of Management Studies and Commerce on 6th October, 2016.
- xxi. Jaffna Toastmasters Club has arranged a model meeting with the students in the University of Jaffna to form a Gavel Club at 2.00 pm to 4.30 pm on 10.12.2016 at Faculty of Management Studies and Commerce, University of Jaffna.

27 Health Centre

The Health Centre is expected to provide health services to the University population.

Table 29 : Strength of Staff Attached

No	Name of Professional	Carder	Present Position	Vacancy
01	University Medical Officer Visiting University Medical Officer Visiting Assist.University Medical Officer	02	01 01	01

02	Staff Technical Officer Gr. 1	01	01	-
03	Nursing Officer	03	02	01
04	Pharmacist	02	02	
05	Labourer	01	02	-
06	Health Attendant(Male)	01	Nil	01
07	Health Attendant(Female)	01	Nil	01
08	Public Health Inspector	01	Nil	01
09	Health Services Labourer	19	02	17

Name	Disignation	Nature of the appointment
Dr.Mrs.J. Sriskandarajah	University Medical Officer	Visiting
Dr. J. Lawrence	Assist University Medical Officer	Visiting
Mr.S.Selvaratnam	Staff Technical Officer Gr.1	Permanent
Mrs.R.Navitha	Nursing Officer Gr.11	Permanent
Mrs.A. Karthiga	Nursing Officer Gr.11	Permanent
Mrs.G.Manoranjan	Pharmacist Upper Grade	Permanent
Mrs.N. Surenthiran	Pharmacist Lower Grade	Permanent
Mr.K. Rajendran	Labourer Special Grade	Permanent
Mr.K.Sasikaran	Labourer	Permanent
Mr.M.Kaliugaperumal	Health Services Labourer Supra Grade	Permanent
Mr. K Thusyanthan	Health Services Labourer Gr.111	Permanent

Services provided by the centre during the period.

- a) Treatment
- b) Laboratory Investigation
- c) Advice & Counseling
- d) Referral (Teaching Hospital Jaffna)

Consultation

- | | |
|-----------------------------|----------|
| a) Student | 7629 nos |
| b) Staff | 6310 nos |
| c) Laboratory Investigation | 185 |

Table 30: Hospital Referrals (Teaching Hospital, Jaffna)

01	Surgical Clinic	01
02	Medical Clinic	01
03	Mo/OPD	08
04	Eye Clinic Clinic	01
05	Skin Clinic	01
06	Orthopaedic Clinic	01

28 Staff Development Centre

The Staff Development Centre (SDC) has been set up with the objective of facilitating the continuous development of knowledge, skills and attitudes required for the efficient and effective functioning of the staff of the university.

The year 2016 has also been a very successful and fruitful year for the Staff Development Centre as it has fully utilized the two well-equipped air-conditioned seminar halls with audio visual facilities and wash rooms which were established in 2014 & 2015 by fully utilizing a UGC grant of rupees 9.5 million received with the approval of three proposals submitted by the SDC on strengthening the staff development activities at the university. These premises have been used more than eighty times in year 2016 for conducting workshops, conferences, inauguration ceremony of projects, seminars, Induction programme, public lectures and several other continuous professional development programmes (CPD) for all categories of staff as well as students.

SDC not only conducted above activities, but also purchased bibliography management software such as EndNote and conducted relevant training sessions as well periodically even at Vavuniya Campus. In addition, SDC negotiated and facilitated between the library and Elsevier publisher for subscribing to SCOPUS: A major abstract database which has now been accessed by staff and students. SDC has been providing relevant training sessions to the staff and students on request. According to the Statistics, the average usage of the database becomes 238 searches per month.

Following are continuous professional development programmes (CPD) conducted in the year 2016

Ref. No.	Date	Title of the CPD programme	Resource person(s)	Target group	No. of staff trained
1.	07.01. 2016	Workshop on Troubleshooting and Maintenance of Computers	<ul style="list-style-type: none"> Mr.T.Sugirthan Mr.P.Kobikrishna 	Technical Officers and CAAs	31
2.	16.02. 2016	User Awareness Programme on SCOPUS: Largest abstract and Index database	<ul style="list-style-type: none"> Eng.Vijay Reddy Customer Consultant (South Asia), SCOPUS 	Research Students, Academics and other researchers	70
3.		Induction Programme (IP) for Academics	<ul style="list-style-type: none"> A few resource persons are from the other universities. 	Probationary Academic Staff	32
4.	08.04. 2016	Workshop on Strategic Planning and Management for Universities	<ul style="list-style-type: none"> Prof.H.Abeygunawardena Dr.T.Mangaleswaran Prof.B.Nimalathasan 	All the Staff (Academic, Executive and Non-Academic Staff)	36
5.	25.04. 2016	Workshop on Financial Management Guidelines of	<ul style="list-style-type: none"> Mr.K.Kanakarathnam Mr.V.Kanagasabapathy 	Deans, Heads of the Department /	53

		the University		Unit, and Executives	
6.	06.05. & 07.05. 2016	Workshop on Assessment and Evaluation	<ul style="list-style-type: none"> • Prof.Uma Coomaraswamy 	Academic and academic supportive staff	28
7.	07.05. 2016	Workshop on Teaching Learning Strategies	<ul style="list-style-type: none"> • Prof.Uma Coomaraswamy 	Academic and academic supportive staff	28
8.	08.05. 2016	Workshop on Quality Assurance (QA) and Continuous Quality Improvement	<ul style="list-style-type: none"> • Prof.Uma Coomaraswamy 	Academic and academic supportive staff	25
9.	06.06. 2016	Workshop on Preparation of Question Papers Based on Outcome Based Curriculum	<ul style="list-style-type: none"> • Prof.S.Srisatkunarajah • Mr.M.Sinnathamby 	Academics of the Arts Faculty	27
10.	10 & 11.06. 2016	Workshop on Doing Research and Writing papers	<ul style="list-style-type: none"> • Prof.Jayadeva Uyangoda 	Academics and Executive staff	72
11.	24,31. 07 & 22.08. 2016	Crash course on Academic Writing Skills	<ul style="list-style-type: none"> • Ms.Rebecca Rawnsen 	Academics	30
12.	15.07 & 16.07. 2016	Workshop on Doing Research and Writing papers - Part II	<ul style="list-style-type: none"> • Prof.Jayadeva Uyangoda 	Academics and Executive staff	50
13.	15 & 16.11. 2016	Workshop on Sexual and Gender-based Violence	<ul style="list-style-type: none"> • Prof.K.Wijewardene • Prof.C.Guneratne • Prof.M.Wickramasinghe • Dr.WijayaJayatilaka 	Deans, Heads of the departments/Units, Student counsellors and any other interested academics.	75

29 Alumni Association

29.1 Establishment of Alumni Association in Unit of Siddha Medicine

The Alumni Association in unit of Siddha Medicine was established and Dr.K.Velauthamoorthy and Prof.G.Mikunthan, chairman board of Management, Unit of siddha medicine were present on the occasion. The 1st meeting for the establishment of Alumni Association in unit of Siddha medicine was held on 1st of October 2016. 21 past graduates precipitated in that meeting. A working committee was formed constituting the following peoples;

- 1) Dr(Mrs) K.Sountharajan
- 2) Dr.I.Jebanamaganeshan
- 3) Dr(Mrs) Shailaja Kokulan
- 4) Dr.S.Aravinthan
- 5) Dr(Mrs).N.Nithiyakumar
- 6) Dr.S.Kandeepan
- 7) Dr.(Ms).N.Suthajini

The working committee prepared the constitution of the Alumni Association in Unit of Siddha Medicine. The constitution of the Alumni Association was finalized on the second meeting, which was conducted on 8th Of October 2016. The constitution of the Alumni Association was discussed in the 26th meeting of the board of management meeting held on 27th of December 2016 and decided to send this document for the approval of the council.

30 Internal Audit Report

30.1 Annual Internal Audit programme and Plan-2016

The Annual Internal Audit programme-2016 is carried out by Internal Audit Division in Consultation with the Central Internal Audit Division of the UGC and the AuditorGeneral's Department. The activities of Vavuniya Campus were audited by the Internal Audit of University of Jaffna. The following given information has included the activities of Vavuniya Campus also.

Apart from the providing information regarding monthly progress reports on accounting of the University and Quarterly Assessment Reports of Internal Auditing to the University Grants Commission, The Division has been assisted the Management of the University in providing financial and other information which were audited.

The Division has also been pre-audited and recommended contract works, Bond and Agreement, the university provident fund payment, Gratuity, pension payment and releasing financial liabilities of employees who had retired/tendered their resignations from the University. The details are given below.

No	Criteria	No of Documents	
		University of Jaffna	Vavuniya Campus
1	UPF	206	25
2	Gratuity	29	03
3	Pension	15	-
4	Bond & Agreement	23	0
5	Final Payment for Contract Works	15	02

Two Hundred and thirty one (231) applications for the refund of provident fund were certified and forwarded to the UGC for the release of provident fund benefits during the year under review.

14 Chapters successfully had been audited by the Internal Audit Division as per the Internal Audit Programme and Plan 2016. The Division has brought the following matters under audit and observation during the year 2016.

A. Budgetary control method

- B. Unsettled advance payments made to the suppliers (S1& S2).
- C. Expenditure made on petty cash and postal imprest.
- D. Control policy of expenditure on payment of Overtime and Holiday, Travelling claim.
- E. Policy of Stores Management.
- F. Shortages and excess on Stores and Fixed Assets Annual verification done by Board of survey and action on the Reports of the Board of survey.
- G. Control method of payment of salaries.
- H. Unsettled advances of payment to the Construction Works.
- I. Management of Fuel/Electricity and Vehicle utilization.
- J. Late attendance of trainee management assistant
- K. Procurement procedures on rented houses
- L. Control on debtors and creditors management-2016
- M. Observation on financial audit 2016
- N. Preparation of reconciliation statement for donated fund to the students
- O. Refundable deposits Rs 2,295,580.00
- P. Violation on the Bond and Agreements.
- Q. Policy on University Research Grant
- R. Observation on Activities of Vavuniya Campus.
- S. Observation on Administrative System Review in University of Jaffna and Vavuniya Campus
 - a. Updation and revision of lecture curriculum
 - b. Record of donated books and office equipments
 - c. Preparation of Corporate Plan, Action Plan and Quarter performance report
 - d. Issues of Job description(list of duties) to the staff

Seventy four (74) Internal Audit Queries and reference notes were issued covering the Academic, Administrative and Financial activities of University of Jaffna and Vavuniya Campus during the year 2016.

Fifty seven (57) Audit Queries are raised by the Auditor General's Department and almost Audit Queries had been replied.

30.2 Financial audit on student activities

The Internal Audit has also been audited the accounts of the Students Associations /Units with the view to monitor the Financial activities of the Associations/ Unions. The accounts of the following Associations/Unions were audited during the year 2016 and reports sent to Vice-Chancellor and other parties concerned.

1. Allied Health Science Students Union.
2. Siddha Medical Students Union.
3. Chemical Society

4. Historical Society
5. Computer Society
6. Science Students Union
7. Cintanai journal of faculty of arts
8. Biological society university of Jaffna
9. Political science association
10. Medical student union
11. Jaffna university science teachers association
12. Sports council university of Jaffna.

30.3 Audit Committee

The Audit Committee (Standing Committee of the Council) consisting of the following members assisted the Management in resolving problems related to management of University.

There are **six (06)** Audit Committee Meeting held in the year 2016.

01. Prof.V.Tharmaratnam	Council Member	From 30.05.2015
02. Mr.S.Rangarajah	Council Member	From 30.05.2015
03. Eng.R..M.W.Ratnayake	Council Member	From 30.05.2015
04. Mr.V.Kanagasabapathy	Consultant	From 01.09.2015
05. Mr.V.Kandeepan	Registrar	From 11.03.2009
06. Mr. M. M. J. R. Bogamuwa	Internal Auditor UGC	From 24.10.2014
07. Miss.A.G.F. Fazna	AIA /Convener	From 05.06.2012

The following matters were discussed and reviewed by the Audit Committee and sent the directives for implementation.

1. Quarterly internal audit reports 2016.
2. Internal audit observation reports.
3. Progress of Preparation of Fixed Asset Register.
4. Review of present position of COPE matters.
5. Losses due to fraud of public funds in relation to purchase of books.

**PUBLICATIONS AND
COMMUNICATIONS IN
CONFERENCES**

31 Publications and Communications in Conferences

31.1 Faculty of Agriculture

31.1.1 Department of Agronomy

Journal Publication

1. Satheesan, T., Sivanathawerl, T., Sivachandiran, S. and D.K.N.G. Phuspakumara., 2016. Distribution, Growth and aboveground Biomass of Teak (*Tectonagrandis* L.) Plantation in Mullaitivu District of Sri Lanka. *International Journal of Scientific and Research Publications*, 6 (3): 72-76.
2. Ragulan, G., Pradheeban, L., Nishanthan, K and S. Sivachandiran., 2016. Effect of different height of earthing up on yield performance of ground nut under irrigated condition in Kilinochchi district, Sri Lanka. *World Journal phamaceutical and Life Science*. 2(4): 471-481.
3. Jeyavanan, K., Sivachandiran, S., Vinujan, S. and D.K.N.G. Pushpakumara., 2016. Effect of Different Pre-Sowing Treatments on Seed Germination of *Diospyrosebenum* Koenig, *World Journal of Agricultural Sciences*, 12 (6): 384-392.
4. Vinujan, S., Sivachandiran, S., Sivananthawerl, T. and D.K.N.G. Phuspakumara., 2016. Plant Diversity and Income Generation of Home gardens in Kilinochchi District, Sri Lanka, *World Journal of Agricultural Sciences*, 12 (6): 393-403.

Conference Proceedings

1. Pradheeban, L., Nissanka, S.P and L.D.B. Suriyagoda., 2016. Influence of whole and sub soil salinity on growth, development, physiology and yield of selected rice varieties cultivated in Jaffna district, Sri Lanka. Twenty eighth Annual congress of the PGIA, University of Peradeniya held on 17-18 November 2016, pp.21.
2. Vinoth, A., Sivachandiran, S., Pushpakumara, D.K.N.G. and T. Sivananthwerl., 2016. Distribution and carbon stock estimation of Mangrove species in Kokkilai Lagoon of Mullaitivu District in Sri Lanka. Proceedings of International Conference on Dry Zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka held on 15th and 16th of December 2016, pp.28
3. Jeyavanan, K., Sivachandiran, S., Pushpakumara, D.K.N.G. and J. Weerahewa., 2016. Ecosystem services of homegarden Agroforestry in Jaffna Peninsula. Proceedings

of International Conference on Dry Zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka held on 15th and 16th of December 2016, pp.2

4. Thirukkumaran, S., Sivachandiran, S. and K. Jeyavanan., 2016. Species Diversity, Distribution and Biomass Estimation of selected sites of forest reserve in Mullaitivu District in Sri Lanka. Proceedings of International Conference on Dry Zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka held on 15th and 16th of December 2016, pp.30
5. Shivatharsinii, K., Siyambalapitiya, S.B. and K. Jeyavanan., 2016. Yield optimization of chilli and string bean for different levels of spacing and organic fertilizer under intercrop and monocrop systems. Proceedings of the International Research Sessions, Faculty of Dental Science, University of Peradeniya, Sri Lanka held on 4th and 5th of November 2016, 20:268

31.1.2 Department of Animal Science

Journal Publication

1. Fernando, P.R.P., Sinniah, J. and S. Thatchaneshkanth., 2016. Productive and Reproductive Performance of Jersey Cattle in the Hill Country of Sri Lanka. *Global Veterinaria*. 17 (4): 392-400.

Conference Proceedings

1. Sarmini, M. and S. Premaratne., 2016. Yield and Nutritional quality of three fodder grasses in the northern region of Sri Lanka. Twenty eighth Annual congress of the PGIA, University of Peradeniya held on 17-18 November 2016, pp.17.

31.1.3 Department of Agricultural Chemistry

Book

1. Nalina Gnanavelrajah., 2016. Agricultural Sustainability: Factors and Assessment at Landscape Level, Lambert Academic Publishing, Germany

Book Chapter

1. Madhujith, T. and S. Sivakanthan., 2016. Chapter 7: Centella, In: Leafy Medicinal Herbs: Botany, Chemistry, Postharvest Technology and Uses (Eds D.C.P. Ambrose *et al.*). CABI International, UK. pp. 85-106.

Journal Publication

1. Walallawita, W.K.U.S., Bopitiya, D., Sivakanthan, S., Jayawardana, N.W.I.A. and T. Madhujith., 2016. Comparison of oxidative stability of sesame (*Sesamum indicum*), soybean (*Glycine max*) and mahua (mee) (*Madhuca longifolia*) oils against photo-oxidation and autoxidation. *Procedia Food Science*, 6:204 – 207.
2. Ratnayake, R.R., Karunaratne, S.B., Lessels, J.S., Yogenthiran, N., Rajapaksha, R.P.S.K. and N. Gnanavelrajah., 2016. Digital soil mapping of organic carbon concentration in paddy growing soils of Northern Sri Lanka. *Geoderma Regional*, 7:167-176
3. Srikantha, K., Kapilan, R. and Vasantharuba. S., 2016. Characterization of best naringinase producing fungus isolated from the citrus fruits, *International Journal of Biological Research*, 4(2): 83-87.
4. Karuppaija, S., Kapilan,R. and Vasantharuba.S., 2016. Characterization of best naringinase producing fungus strain isolated from palmyrah (*Borassus flabellifer*) fruit pulp, *International Journal of Biological Research*, 4(2): 97-101.
5. Karuppaija, S., Kapilan, R. and S. Vasantharuba., 2016. Optimization of naringinase production by *Rhizopus stolonifer* in solid state fermentation media using paddy husk as support, *Scholars Academic Journal of Biosciences*, 4(6): 507-514.
6. Srikantha, K., Kapilan, R. and S. Vasantharuba., 2016. Optimization of naringinase production from *Aspergillus flavus* in solid state fermentation media using citrus peel as support, *Scholars Academic Journal of Biosciences*, 4(6): 535-543.

Conference Proceedings

1. Thiyaana, K., Sivakanthan, S., Jayasooriya, L.J.P.A.P. and T. Madhujith., 2016. Enzymatic Interesterification of Virgin Coconut (*Cocos nucifera*) Oil and Sesame (*Sesamum indicum*) Oil and Evaluation of the Physico-Chemical Properties of the Interesterified Oil. Proceedings of Jaffna University International Research Conference (JUICE 2016), Sri Lanka. Pp:11-16.
2. Keerthini,S, Kapilan,R. and Vasantharuba. S., 2016.Naringinase producing bacterium from decaying bitter citrus fruit (*Citrus medica*), Proceedings of International Conference on Dry Zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka held on 15th and 16th of December 2016, pp.40
3. Sinthuja,S., Kapilan,R. and Vasantharuba.S., 2016. Isolation and characterization of naringinase producing bacteria from palmyrah (*Borassus flabellifer*) fruit pulp, Proceedings of International Conference on Dry Zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka held on 15th and 16th of December 2016, pp.41
4. Thirisigayini, S., Vasantharuba, S. and A.C. Thavaranjith. A.C., 2016. Studies on identification of different species of brown seaweeds available in the coastal region of

- Jaffna peninsula, Proceedings of International Conference on Dry Zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka held on 15th and 16th of December 2016, pp.42
5. Yogenthiran, N., Ratnayake,R and Gnanavelrajah.N., 2016. Estimation of Soil Organic Carbon and its Fractions in Paddy growing soils of Northern Province of Sri Lanka, Proceedings of International Conference on Dry Zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka held on 15th and 16th of December 2016pp.47
 6. Vijayakumar,S., Ratnayake,R.R. and N. Gnanavelrajah., 2016. Assessment of lead and cadmium levels in selected soils of Anuradapura of Sri Lanka. Proceedings of the International symposium on Agriculture and environment, Faculty of Agriculture, University of Ruhuna, Sri Lanka.Pp:121-123
 7. Tharani,G., Gnanavelrajah,N., Nilushini, A.M. and S. Srivijeindran., 2016. Effects of different forms of Palmyrah coir dust as soil amendment on some physical and chemical characteristics of calcic red yellow latosol soil and the yield of *Capsicum annum*. Proceedings of the International symposium on Agriculture andEnvironment, Faculty of Agriculture, University of Ruhuna, Sri Lanka.pp.124
 8. Ambihai,S., Gnanavelrajah, N., and R.M.C.P. Rajapaksha., 2016. Efficiency of microbial strains on yield of onion (*Allium cepa*) under greenhouse conditions, Proceedings of the Wayamba University International Conference, Sri Lanka, pp.278.
 9. Sivakanthan,S., Jayasooriya, L.J.P.A.P. and T. Madhujith., 2016. Optimization of enzymatic interesterification of coconut (*Cocosnucifera* L.) and Sesame (*Sesamumindicum* L.) oils using *Thermomyceslanuginosus* lipase by Response Surface Methodology.Twenty eighth Annual congress of the PGIA, University of Peredeniya held on 17-18 November 2016, pp.6.
 10. Sivakanthan,S., Jayasooriya, L.J.P.A.P. and T. Madhujith., 2016. Optimization of reaction parameters for production of structured lipid from coconut (*Cocosnucifera* L.) and Sesame (*Sesamumindicum* L.) oils using Response Surface Methodology (RSM). Proceedings of the Peradeniya University International Research Sessions (iPURSE) , Sri Lanka .20:99.

31.1.4 Department of Agricultural Biology

Journal Publication

1. Suvanthini, S. and Thirukkumaran.G., 2016. Evaluation of information and advisory support received by the farmers in Jaffna, Sri Lanka, *Applied Science Research*, 8 (5):33-37.

2. Tharani, T., Suvanthini, S. and G. Thirukkumaran.G., 2016. *In-vitro* screening of salinity tolerant rice cultivars at seedling stage and assessment of growth parameters, *Journal of Microbiology and Biotechnology Research*, 6 (5): 1-5
3. Rajendran, S., Kalupahana, P. and G. Thirukkumaran., 2016. Synthetic seeds of Potato (*Solanumtuberosum* L.) cv “Granola” as an effective biocontrol system to control *Erwiniacarotovora*. *Journal of Microbiology and Biotechnology Research*, 6 (4): 14-22

Conference Proceeding

1. Piratheepa, J. and Mikunthan.G., 2016. Evaluation of Different Green Leaf Manures Against Onion Stem and Bulb Nematode (*Ditylenchus dipsaci*) and Bulb Mite (Rhizoglyphus Spp.). Proceedings of International Conference on Dry zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka on 15th and 16th December 2016. Pp 43.
2. Mikunthan, G., 2016. Home garden: the practical solution for developing sustainable integrated food production systems to enhance household food and nutritional security, NSF Research Summit “*Empowered by Research and Innovation*”, organized by National Research Foundation, Sri Lanka, held during July 7-8, 2016.
3. Malinda Kumarasinha, Jayatilleke, B. G., Prasad Senadheera, JayanthaWattavidanage, PradeepaPerera, Vaidyashekhare, M. B., Mikunthan, G. and Uma Coomaraswamy., 2016. m-Learning for empowering women farming community in Sri Lanka by facilitating lifelong learning, Asian Association of Open Universities Annual Conference 2016 held on 26-29 October, 2016 and Manila, Philippines.
4. Premsuja, V., Svinningen, A., Mikunthan G. and V. Jegathambigai., 2016. Efficacy of *Bacillus thuringiensis* on larvae of *Junoniaatlites* damaging *Hygrophiladifformis* and its on farm method of small scale production, 68th International Symposium on Crop Protection, held in Faculty of Bioscience Engineering, University of Ghent, Belgium, 17 May 2016, pp.118.
5. Sathiyakala, K. And G. Mikunthan., 2016. Diversity of bee visitors of cucurbit crops (Cucurbitaceae) inhome gardens of Jaffna district, International Conference on Agriculture and Forestry -2016held on1-3 June 2016 Manila, Philipines, pp.88.

31.1.5 Department of Agricultural Engineering

Journal Publication

1. Harshan, S., Thushyanthy, M., Gunatilake, J., Srivaratharasan, T. and Gunaalan, K., 2016. Assessment of water quality index of groundwater quality in Chunnakam and Jaffna town, Sri Lanka. *Journal of Science*. Vol.12 & 13: 84 – 91.
2. Kannan, N. and Divagar, V., 2016. Solar energy for future world: A review. *Renewable and Sustainable Energy Reviews*. 62 : 1092–1105
3. Thushyanthy, Y., Thushyanthy, M. and Meththika, V., 2016. Acceleration of Lead Phytostabilization by Maize (*Zea mays*) in Association with *Gliricidia sepium* Biomass. *International Journal of Environmental & Agriculture Research*. 2 (5): 16 – 21.
4. Tharmatharsanan, R. and Alvappillai, P., 2016. Fabrication of low cost automated lime colour sorter. *International Journal of Environmental & Agriculture Research*. 2 (12): 76 – 82.

Conference Proceedings

1. Thushyanthy, Y., Mikunthan, T. and Meththika, V., 2016. Amelioration of heavy metal contaminated site for greener environment. Proceedings of Jaffna University International Research Conference (JUICE 2016), Sri Lanka.pp. 21-26
2. Reminton, J., Thushyanthy, M. and Karunainathan, T., 2016. An advanced drip irrigation scheme using micro controller. 7thInternational Conference on Sustainable Built Environment. Pp. 110-114
3. Pathmaja, S., Rajasooriyar, L.D., Dharmagunawardhane, H.A., Senthilnathanan, M. and Mikunthan, T., 2016. Assessment of spatial and temporal behavior of saline groundwater in a coastal aquifer: A case study from the Pungudutivu Isand, Sri Lanka. Symposium Proceedings of the Water Professionals Day. Pp: 119 -130
4. Jancika, G., Mikunthan, T. and Saravanan, S., 2016. Efficiency of micro filtration and oxidation on removal of iron and manganese in groundwater and surface water. Symposium Proceedings of the Water professionals' Day. Pp. 97-106
5. Vimaladhas, V., Kannan, N.,Prabhakaran, M.and Thushyanthy, M., 2016. Design and fabrication of sand filter to treat greywater to use in cottage level. Proceedings of International Conference on Dry Zone Agriculture, Faculty of Agriculture, University of Jaffna, Sri Lanka held on 15th and 16th of December 2016, pp. 34.

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31.2.5 Department of Geography

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31.2.6 Department of Hindu Civilization

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31.2.8 Department of Law

Details of Research, Innovation and Publications

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31.2.9 Department of Linguistics and English

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11. Wimal, S., (2016), “Sri Lankeya Sinhala saha demala Navakathaa saahithyehi arambayata hethu sadakavu samaja pasubima”, (Social Background of the Origin of Sri Lankan Sinhala and Tamil Novels), in *Nuwanesa Journal of Sinhala studies*, vol.ii, Department of Sinhala and Modern Languages, Buddhist and Pali University of Sri Lanka, 47-51.

12. Navakulan, K., (2016), “Meanings Bloom in Color and Reflects the Culture”, a paper presented in the *Fourth International Conference on Asian Studies*, Toronto, Canada. (ISBN-978-0-9951985-0-0)
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14. Shiromi, M., Sivarani, S., (2016), “Language Challenges Faced by Autistic children”, a paper presented at the 4th International Conference of Eastern University of Sri Lanka, Eastern University, 43.(ISBN 978-955-1443-80-1)
15. Veeramankai, S.Y., (2016), “Pope’s English translation of Thiruvvasagam with Special Reference to Sivapuram: An Evaluation”, a paper presented in the 1st International Saiva Conference, Department of Hindu Civilization, Faculty of Arts, University of Jaffna, 482-486. (ISSN-2478-0634)
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17. Veeramankai, S.Y., (2016), “Philosophical Religious and Supernatural Elements in English Dickinson’s Poetry: A Rereading”, a paper presented in the Third International Conference on Contemporary Management, University of Jaffna, Sri Lanka, 397-409. (ISSN 2448- 9883)
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31.2.10 Department of Music

Details of Research, Innovation and Publications

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3. கருணா, K., (2016), “இசையிலே முன்பள்ளிக் கல்வியில் விருந்தாரம்”, *அறிவொளி*, நூற்றாண்டு மலர், புதுக்குளம் மகா வித்தியாலயம், வவுனியா.
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6. றொபேட், A., (2016), “ஈழத்து இசைநாடக வரலாற்றில் சங்கரதாஸ் சுவாமிகள்”, *செம்புலம்*, பன்னாட்டுத் தமிழாராய்ச்சிக் காலாண்டிதழ்.
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31.2.11 Department of Political Science

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7. Vigneswaran, T., (2016), “The Trend of Political Participation of Tamil People in Post-war Context of Sri Lanka: A Case Study of Jaffna Electoral District”, a paper presented at the *4th International Conference*, Eastern University of Sri Lanka.

31.2.12 Department of Philosophy

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2. ஞானகுமாரன், N., (2016), “The Development of Vedanta and Buddhism in Sri Lanka during the Last Fifty Years”, in the *Felicitations Volume* for the Senior Professor Daya Edirisinghe, University of Kelaniya.
3. Kajavinthan, K., (2016), *Introduction to Counseling*. (In Print)
4. Kajavinthan, K., *Abnormal Psychology*. (In print)
5. Kajavinthan, K., (2016), *Psycho-Social Glossary*. (In Print)
6. Deepika, S., Abirami R., (2016), “Occupational Stress among Preschool Teachers: A Study Based on Jaffna Zone”, in the *Proceedings of 23rd Annual Session Jaffna Science Association*, University of Jaffna.
7. Abirami, R., (2016), “Emotional Maturity of Prisoners: A Study of Jaffna and Boghambara Prisoner communities”, a paper presented in the *1st International Research Conference*, Trincomalee Campus of the Eastern University of Sri Lanka.
8. Sivakaran, N. A., (2016), “Critical Study on Bertrand Russell’s Criticisms on Ordinary Language and Creation of Ideal Language”, in *The Sri Lankan Journal of South Asian Studies*, vol. 01, no. 02, Faculty of Arts, University of Jaffna, November 2015, 55-63. (ISSN: 2386-1956)

31.2.13 Department of Sanskrit

Details of Research, Innovation and Publications

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7. பத்மநாபன், S., (2016), "சிவாகமக் கிரியைமரபு: சுப்ரமணிய மஹோற்சவம்", *முன்றாவது அனைத்துலக முருகபக்தி மாநாடு*, டர்பன், தென்னாபிரிக்கா, 52-56.
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9. பத்மநாபன், S., (2016), "தமிழர் பண்பாட்டின் தொன்மையில் சமஸ்கிருத மொழியின் செல்வாக்கு: மொழிபெயர்ப்பிலுடான பார்வை", *உ.வே. சாமிநாதையரும் பத்தொன்பதாம் நூற்றாண்டு தமிழறிஞர்களும்*, க.முருகேசன் (பதி.), தொகுதி-1, தமிழ்த்துறை, கொங்குநாடு கலை அறிவியற் கல்லூரி, கோயம்புத்தூர், 164-169. (ISBN-978-93-85267-09-3)
10. பத்மநாபன், S., (2016), "திருமந்திரத்தில் வடமொழிச் செல்வாக்கு", *திருமுறையும், திருவிசைப்பா, திருப்பல்லாண்டு, திருமந்திரம்*, க.இரகுபரன், ஸ்ரீ.பிரசாந்தன்(பதி.), இந்து சமய கலாசார அலுவல்கள் திணைக்களம், இந்து மத அலுவல்கள் அமைச்சு, கொழும்பு, 134-155. (ISBN-978-955-9233-41-1)

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12. பத்மநாபன்,S., (2016),(பதிப்பாசிரியர்),*சைவாசௌச தீபிகை, சம்ஸ்கிருத மூலமும் தமிழில் சிவப்பிரகாச பண்டிதரின் தமிழுரையும்,நியந்தர்* சிவன்கோயில், நல்லூர், யாழ்ப்பாணம். (ISBN-978-955-0877-48-8)
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29. செல்வ அம்பிகை, ந., (2016),“சமூக வாழ்விற்கு வழிபாட்டின் தேவை: அப்பர் தேவாரங்களை அடிப்படையாகக் கொண்ட ஆய்வு”,*ஆய்வடங்கல்: அனைத்துலகச் சைவமாநாடு*, இந்துநாகரிகத்துறை, யாழ்ப்பாணப் பல்கலைக்கழகம்,515-522. (ISSN-2478-0634)
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31.2.16 Department of Media Studies

Details of Research, Innovation and Publications

1. Raguram, S., Wijeyanda Rupasinghe, (2016), “Media Education in Sri Lanka”, a paper presented at *Asian Communication and Journalism Societies Forum*, Daejeon, South Korea.
2. Raguram, S., Kumara, K.W.R.C.P., (2016), “The Agenda- Setting of Television Channels: 2015 Presidential Election Candidates in Prime Time News Bulletins”, a paper presented at the *1st International Research Conference*, Trincomalee Campus, Eastern University, Sri Lanka.
3. Raguram, S., Duwage, H.U.R., (2016), “‘Jathika Pasala’ - Television Programme for Ordinary Level Students: A Recipient Analysis”, a paper presented at the *1st International Research Conference*, Trincomalee Campus, Eastern University, Sri Lanka.
4. Raguram, S., (2016), “Ethical Dilemmas in Online News Portals: A Study on Tamil Language News Online Sites in Sri Lanka”, a paper presented at the *Asian Forum for Deans of Journalism and Communication*, School of Journalism and Communication, Shanghai International Studies University (SISU), Shanghai, China.
5. Raguram, S., Thuvarakan, S., (2016), “The Professional Challenges Faced by the Working Journalists of Jaffna”, a paper presented at *International Research Symposium*, Uwa Wellesa University (IRSUWU).
6. Raguram, S., (2016), ed., *Rebuilding Public Trust - An Assessment of Professional Media in Sri Lanka*, (Tamil Edition), National Secretariat for Media Reforms, Sri Lanka and International Media Support (IMS).

31.3 Faculty of Engineering

31.3.1 Department of Civil Engineering

1. Nirojan, K. & Sivakumar, S.S. (2016) River for Jaffna-Cultivating Productive Water from Salt Water Lagoons in Northern Sri Lanka What the Water Balance of Elephant Pass Lagoon Demonstrates. *Transactions of Institution of Engineers Sri Lanka, Northern Chapter 11/2016*, Session 2015/2016, 66-67.
2. Anusuthan, N. & Sivakumar, S.S. (2016) Hypothesis of Cultivating Productive Water from Lagoons of Northern Sri Lanka. *Transactions of Institution of Engineers Sri Lanka, Northern Chapter 11/2016*, Session 2015/2016, 26-27.
3. Nitharsan, U. & Sivakumar, S.S. (2016) Water Problems in the Jaffna Peninsula. *Transactions of Institution of Engineers Sri Lanka, Northern Chapter 11/2016*, Session 2015/2016, 68-69.
4. Thinojah, T & Sivakumar, S.S. (2016) Water Resource Development in Jaffna Peninsula. *Transactions of Institution of Engineers Sri Lanka, Northern Chapter 11/2016*, Session 2015/2016, 70-71.
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6. Kularam, S., Thushyanthy, M. & Sivakumar, S.S.(2016) Importance of Rehabilitation and Reconstruction of Irrigation Infrastructure, before the Introduction of Pedma Cultivation under Iranaimadu Irrigation Scheme of Northern Sri Lanka. *International Journal of Scientific and Engineering Research 07/2016*, ISSN – 2229 – 55181, 7(7), 288-293.
7. Ravi, V., Hareth, G.B.B., Manobavan, M. & Sivakumar, S.S. (2016) An Assessment of Ground Water Quality in Selected Dug Wells in Vavuniya Urban Council Limit through Water Quality Index. *International Journal of Scientific and Engineering Research 04/2016*, ISSN – 2229 – 5518, 7(4), 1517-1526.
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9. Kuganesan, S. & Sivakumar, S.S. (2016) River for Jaffna-Cultivating Productive Water from Salt Water Lagoons in Northern Sri Lanka-What the Water Balance of Elephant Pass Lagoon Demonstrates?. *International Journal of Scientific and Engineering Research* 02/2016, ISSN – 2229 – 5518, 7(2), 137-142.
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11. Visnuvarthanan, N. & Sivakumar, S.S.(2016) Cultivating Productive Water in Valukai Aru Catchment in Valikamam Division of Jaffna District of Northern Sri Lanka. *International Journal of Scientific and Engineering Research* 01/2016, ISSN – 2229 – 5518, 7(1),1045-1048.
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2. Navaneethkrishnan, S. & Sivakumar, S.S. (2016). Water Resource Research Output of Sri Lanka a Bibliometric Study. *In 8th International Perspective on Water Resources and the Environment Conference, 4th- 6th January 2016, American Society of Civil Engineers.*
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International Perspective on Water Resources and the Environment Conference, 4th - 6th January 2016, American Society of Civil Engineers.

Article

1. Sivakumar, S.S. (2016) Ground Water – A Strategic Important resource. *Pirayoga Vingana Sudar 04/2016*, 9(1), 14 – 17.

31.3.2 Department of Interdisciplinary Studies

1. Kathirgamanathan, P. (2016). Inverse modelling for estimating interface element properties in soil-pipe interaction. *In 7th International Conference on Sustainable Built Environment*.
2. Krishnarajah, H. (2016). *Integrated Automatic Control system for maintaining simulated conditions in breeding organisms*. [Presentation] The poster session of 7th World Ayurveda Congress, Science City, Kolkata ,1st -4th **(Date)** December.

31.3.3 Department of Electrical and Electronic Engineering

1. Thanatheepan, B., Aravinthan, A. & Thiruvaran, T. (2016). Local Detection of Distribution Level Faults in a Distributed Sensor Monitoring Network using HMM. *In The First International Conference, EECon 2016* , 15 December 2016 ,Colombo, Sri Lanka.
2. Nishanth, A. & Thiruvaran, T. (2016). Investigation on Different Filters and Different Frequency Bands for Brain Computer Interface with Right Hand and Left Hand Imaginations. *JUICE*, 12-13 August 2016, Jaffna, Sri Lanka,
3. Gitter, A., Huang, F., Valluvan, R., Fraenkel, E. & Anandkumar, A. (2016). Unsupervised learning of transcriptional regulatory networks via latent tree graphical models.marXiv preprint arXiv:1609.06335.
4. Lingaruban, K., Fernando. M.A.R.M., Atputharajah, A. & Gunathilake, G.K.P.U. (2016). Reduction of Power Losses in Low Voltage Distribution Network by Improving the Distribution Line Connections. *23rd Annual Technical Conference of IET Sri Lanka Network 2016*, ISSN: 2345-9557, pp65–73.

31.4 Faculty of Management Studies and Commerce

31.4.1 Department of Accounting

Research Publication

1. Sooriyakumaran, L., and Velampy. T., 2016. Impairment of assets and market value of share : A study of listed manufacturing companies in Sri Lanka. *International Journal of Accounting and Business Finance* 2(2), 35-45.

2. Vaikunthavasan, S., Velnampy, T., Rajumesh, S., 2016. Challenges and opportunities associated with development of small and medium enterprises in Jaffna district. *Journal of Business Studies* 3(1), 63 - 80.
3. Velnampy, T., & Achchuthan, S., 2016. Green consumerism in Sri Lankan Perspective: An Application and Extension of Theory of Planned Behavior. *Advances in Management and Applied Economics*, 6(5), 39- 66.
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5. Velnampy, T., & Achchuthan, S., 2016. Integrated Model for Understanding and Enhancing Green Purchase Behavioral Intention: Directions for Future Research. *Journal of Sociological Research*, 7(1). 105- 122.
6. Subramaniam, V.A and Velnampy, T., 2016, Association Between Demographic Factors and Investment Decisions of few Selected State Sector Employees in Jaffna District, Sri Lanka, *International Journal of Research in Management*, 3(6), 80 – 92.
7. Anandasayanan S and Velnampy T., 2016. Dividend Policy and Corporate Profitability Econometric Analysis of Listed Manufacturing Firms in Sri Lanka, *International Journal of Commerce and Management Research*, 2(1), 53-55.
8. Shivany, S, Velnampy, T., 2015. Grounded Theory as a methodology for exploring Marketing Strategies for a special Context, *International Research Journal of Social Science and Management*, 4(11), 115-126
9. Arulvel, K.K., 2016. Stock Market Behavior to the Release of Financial Statements: A Study of Selected Listed Manufacturing Firms in Sri Lanka, *International Journal of Advanced Research in Computer Science and Software Engineering*, Volume 6 (5)
10. Arulvel, K.K., 2016. Effects of Board Structure on Firm Performance: A Comparison between Consumer Discretionary and Material Industries in Sri Lanka , *International Journal of Emerging Research in Management & Technology*, 5 (5)
11. Haleem. H.M.M and Muraleetharan, P., 2016. Balance Score Card and Business Performance: A Comparative Study of State and Private Sector Banks in Eastern Provinces of Sri Lanka. *5th Annual International Research Conference 2016, Faculty of Management & Commerce, South Eastern University of Sri Lanka 23rd November 2016.*

12. PriyaMuraleetharan., 2016. Impact of Capital Structure on Profitability: A Case Study of Beverage Food and Tobacco Firms in Colombo Stock Exchange (Cse) In Sri Lanka. *International Journal of Commerce, Business and Management (IJCBM), Volume 5 Issue 5.*
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14. Pratheepkanth, P., Hettihewa, S., and Wright, C. S., 2016. National-Development-Level Effects on Capital-Budgeting Practices Comparative Study of Nature vs. Nurture. *The Accounting and Finance, 56(3), 123-146*
15. Achchuthan, S., and Velnampy, T., 2016. Quest for Green Consumerism in Sri Lankan Context: An Application of Comprehensive Model. *Asian Journal of Empirical Research, 6(3), 59-76.*
16. Velnampy, T., and Achchuthan, S., 2016. Integrated Model for understanding and enhancing green purchase behavioral intention: Direction for Further Research Directions, *Journal of Sociological Research, 7 (1), 105-122.*
17. Velnampy, T., and Achchuthan, S., 2016. Green consumerism in Sri Lankan Perspective: An Application and Extension of Theory of Planned Behavior, 6 (5), *Advances in Management & Applied Economics, 6(5), 39-66.*
18. Achchuthan, S and Velnampy, T., 2016. Enhancing purchase intentions towards sustainability: The influence of Environmental Attitude, Perceived Consumer effectiveness, health consciousness and social influence, *Journal of Research for consumers, 16 (29), 1-27.*

Conference Proceeding

1. Velnampy. T. & Sithysafeena. M. G.H., 2016. The Relationship Between Academic Position and Conflict Management Strategies of Teaching Academic Staff in the State Universities in Sri Lanka at International Conference on Cotemporary Management, University of Jaffna.
2. Velnampy, T., 2016. Social Responsibility of the Libraries: Access to Information, Theme paper, presented at International Conference of University Librarians' Association of Sri Lanka (ICULA 2016).

3. Pratheepkanth, P., Hettihewa, S., and Wright, C. S., 2016. Development Level, Capital Budgeting Techniques, Cost of Capital and Firm Performance: From a Developed and Emerging Country Perspective. *2nd International Conference on Business Management and Economics (19-20th February)*. Galle Face Hotel, Colombo, Sri Lanka.
4. Achchuthan Sivapalan ., Jebarajakirthy,C., Mahadevan, M. and Konalingam, K., 2016, Enhancing customer loyalty to supermarkets through retailing service quality practices, ANZMAC 2016, Christchurch, 5-7 Dec.

31.4.2 Department of Financial Management

Research Publication

1. Rathirane, Y, Semasinghe, D, M., 2016. An Empirical Analysis of Micro Credit Repayment in Northern Sri Lanka, Pearl Journal of Management, Social Science and Humanities, (PJMSSH) Vol. 1 and 2 pp. 78-84. (Indexed in Academic Resource Index (Research Bib), Google Scholar, Open J-gate journals, Cite Factor)
2. Rathirane, Y, Semasinghe, D, M., 2016. The Impact of Micro Finance Factors on Women Entrepreneurs' Performance in Northern Sri Lanka, International Journal of Social Science Studies, Vol. 4, No. 3, Published by RedFame Publishing Pp 94 – 99 (Indexed/Listed/Archived in BASE (Bielefeld Academic Search Engine), CNKI Scholar, Crossref, EconBiz, EconPapers, Google Scholar, IDEAS, IE Library, JournalTOCs, LOCKSS, MediaFinder.com, Open Access Library (OALib), Open J-Gate, PKP Open Archives Harvester, ProQuest, RePEc, SHERPA/RoMEO, The Standard Periodical Directory, Ulrich's).
3. Rathirane, Y, Semasinghe, D, M., 2016. An Analysis of Measures of Micro Credit, Business and Management Research Journal Vol. 6(3), pp 21 – 28. (Indexed in International Institute of Organized Research, Google scholar, Eyesource, International Society of Universal Research in Sciences, Scientific Indexing Services, Research – Bib, Open Academic Journals Index (OAJI).
4. Vijayakumaran, R., 2016. Dynamic of capital structure decisions: Evidence from Sri Lankan listed manufacturing firms. Working paper
5. Kengatharan.L., 2016. Capital budgeting theory and practices: A review and agenda for future research, Journal of Applied Economics and Finance, 3(2), pp: 15-38.
6. Jeyan Suganya .S.N (2016) “Working Capital Management and Firms’ Profitability: The Listed Companies in Sri Lankan Context” International Journal of Emerging Research in Management &Technology, 5(7)

7. Jeyan Suganya .S.N (2016) “Corporate Governance Practices and Firm Performance: A Study on Banking Sector in Sri Lanka” 3rd Annual research symposium 2016, National Centre for Advanced Studies.

Conference proceeding

1. Kengatharan.L. Impact of Uncertainty on the Application of Capital Budgeting Practices: Perspectives of an Emerging Economy, 3rd Annual Research Symposium 2016, Organized by NCAS which was held on 17-18 November 2016.

31.4.3 Department of Human Resource Management

Research Publication

1. Robinson. J. 2016., Repatriation Adjustment of Academics: Does Co-worker Support is a Matter of Influence. *Journal of Business Studies*, 3(2), 91-99

Conference proceeding

1. Raveendran, T., 2016. The Influence of Leadership Styles on Job Stress and Turnover Intention in the Insurance Industry in Jaffna District, 3rd International Conference on Contemporary Management, University of Jaffna
2. Robinson. J. 2016., “*Repatriation Adjustment: A study on Sri Lankan Academic Repatriates*”. Proceedings of the third International HR Conference (1-13). Department of Human Resource Management, University of Sri Jeyawadnapura.
3. Robinson. J. 2016., “*Role of emotional intelligence on the relationship between perceived organizational commitment politics job satisfaction and work engagement: empirical evidence from public and private sector employees*”. Proceedings of the research conference on Business studies (74-79). Vavuniya Campus, University of Jaffna.
4. Sutharsan, S, Koliba, C. & Saravanabavan, A. On the Path to Good Governance: Assessing Public Sector Accountability in Sri Lanka’s Northern Province, 3rd International Conference on Democratic Governance in the Developing World: Advancing Democratic Governance in the Developing World held at Center for Strategic and International Studies, Washington, D.C. USA-July 18-19, 2016
5. Saravanabavan, A. Task conflict -Team creativity: Moderating Role of Task interdependence and Mediating Role of Information Search. Proceedings of the Research conference on Business studies of Faculty of Business Studies Vavuniya Campus of the University of Jaffna at Vavuniya Campus of the University of Jaffna-24th June 2016

31.4.4 Department of Marketing

Research & Publications

1. Pragash Payson, S. and Karunanithy, M., 2016. Impact of marketing Mix on Buying Behaviour – A case study of Motorbike buyers in Jaffna District. *The EPRA International Journal of Economic and Business Review*.
2. Kajendran, K., Karunanithy, M. and Achuthan, S., 2016. Antecedents of Youth's Intentions in Seeking Microcredit: Evidence from Jaffna District. Proceedings of International Conference on Contemporary Management, University of Jaffna
3. Sivanenthira, S. and Ratnam, E., 2016. Determinants of Customer Relationship Marketing: Special Reference to Cargills food city in Jaffna district.
4. Vaikunthavasam, S., Velnamby, T. & Rajumesh, S., 2016. Challenges and opportunities associated with development of small and medium enterprises in Jaffna district. *Journal of Business Studies*.
5. Shivany, S., Sathana. V, Piriya, M., 2016. Challenges faced by dairy producers for pursuing sustainable livelihood in Mullaithivu District. Abstract on the proceedings of International conference on Dry Zone Agriculture, Vol.02.
6. Shivany, S. and Velnamby, T., 2016. Content analysis of Tamil TV commercials aimed at women in the post war context. *International conference on Business Management ICBM*.
7. Dilogini, K. and Shivany, S., 2016. Framework of technology in marketing world: A theoretical review. *International conference on Business Management ICBM*.
8. Shivany, S., 2016. Content analysis of green advertisement messages conveyed by small, medium, and micro enterprises in Northern province, Proceedings of the Jaffna University Research Conference (JUICE), University of Jaffna, pp.100-106.
9. Shivany, S., 2016. gRikr;re;ijg;gLj;jy; je;jpNuhghaq;fisf; ifahs;;tjpy ngz; rpWifj;njhopy; Kaw;rpahsh;fs; vjph; nfhs;Sk; rthy;fs. Proceedings of the Jaffna University Research Conference (JUICE), University of Jaffna, pp.130-136.
10. Shivany, S., 2016. Critical discourse analysis of Tamil cultural identity in celebrity endorsement advertisements. *Journal of Business Studies*, Vol. 03, issue 2, ISSN 2362-0269, University of Jaffna.

11. Bakeerathy, V., Vaishnavi, S. and Shivany, S., 2016. Exploring the Innovative model for waste material Management. Proceedings of International Conference on Contemporary Management, University of Jaffna, pp.496-510.
12. Pavithra, S., Niththiya, N. and Shivany, S., 2016. Exploring the factors influencing mothers brand choices on baby diaper brands: An Applied Marketing research. Proceedings of International Conference on Contemporary Management, University of Jaffna, pp.579-592.
13. Sathana, V., Velnampy, T. and Rajumesh, S., 2016. Challenges and opportunities associated with development of small and medium enterprises in Jaffna district. *Journal Of Business Studies*, Vol. 2(1).
14. Sathana, V., 2016. Customer Satisfaction Through Market Orientation: Empirical Investigation Of The Three Market Oriented Components. Proceedings of International Conference on Contemporary Management, University of Jaffna.
15. Shivany, S., Sathana, V., Piriya, M., 2016. Challenges faced by dairy producers for pursuing sustainable livelihood in Mullaithivu District. Abstract published in conference proceedings(Vol:02) of International conference on Dry Zone Agriculture,
16. Kumaradeepan, V. and Pathmini, M.G.S., 2016. Impact of Services cape on Customer Satisfaction on special reference to the leading supermarket in Jaffna District. Proceedings of International Conference on Contemporary Management, University of Jaffna.
17. Kumaradeepan, V. and Sivanentra, S., 2016. Impact of Marketing Mix on Buying Characteristic towards the Liquor products in Jaffna District. KDU International Research Conference.
18. Dilogini, K. and Shivany, S., 2016. Framework of Technology in marketing world: A theoretical review. *International Conference on Business Management (ICBM – 2016)*
19. Nishanthini, A., Thasika, Y. and Dilogini, K., 2016. Economic Performance Measure for Creating Shareholder's Value: A Study of Selected Manufacturing Companies in Colombo Stock Exchange. *Annual International Research Conference (AIRC - 2016)*
20. Thasika, Y., Dilogini, K. and Nishanthini, A., 2016. A study on green human resource management practices in Jaffna. Proceedings of the Jaffna University Research Conference (JUICE), University of Jaffna.

21. Kajotha, V., Sangarathas, T. and Dilogini, K., 2016. Implications of Green Practices in the Hotel Industry: A study in Jaffna District. Proceedings of the Jaffna University Research Conference (JUICE), University of Jaffna.

OTHER PUBLICATIONS

22. Karunanithy, M., 2016. Wrote and published an article on “Business Plan” in ‘Mahudam’ published as an Annual Journal published by T/Sri Shanmuga Hindu Ladies College, Trincomalee.

31.5 Faculty of Medicine

31.5.1 Department of Anatomy

1. Niranjana R. Relationship between umbilical cord and anthropometric measurements of term newborns – A Preliminary Study Presented paper at JUICE International Conference 2016

31.5.2 Department of Biochemistry

Journal Publication

1. Darsana, P., Prabhakaran, M. and Balakumar, S., 2016. “Effects of the various parboiling methods on the proximate composition, amylose and resistant starch of two rice varieties from Sri Lanka”. Imperial Journal of interdisciplinary research (IJIR), Vol-2, Issue – 4, 2016, ISSN : 2454-1362, <http://www.onlinejournal.in>. pp. 295 – 300.
2. Yoganathan, T., Arasaratnam, V., Hettiarachchi, M. and Liyanage, C., 2016. The study on thyroid status among new-borns in Jaffna District in Sri Lanka. “Procedia Food Science” Science Direct Available online at www.sciencedirect.com/locate/procedia Procedia Food Science 00 (2016) 000-000.
3. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2016. Hypoglycaemic and antioxidant activity of Siddha medical preparation ‘Mathumeha Chooranam’ in patients with diabetes mellitus. Proceedings of the 5th International Conference on Recent Trends in Engineering, Science and Management (ICRTESM2016). 16th and 17th July 2016, Organized by International Organization of Scientific Research and Development (IOSR), India, Madurai, India. 249-255.
4. Kandeepan, K., Balakumar, S. and Arasaratnam, V., 2016. Nutritional status and food insecurity among the children in Northern Sri Lanka. Procedia Food Science. 6: 220-224.

5. Yoganathan, T., Arasaratnam, V., Hettiarachchi, M. and Liyanage, C., 2016. The study on thyroid status among new-borns in Jaffna District in Sri Lanka. *Procedia Food Science*. 6:271-274.
6. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2016. Hypoglycaemic and antioxidant activity of Siddha medical preparation 'MathumehaChooranam' in patients with diabetes mellitus. *Proceedings of the 5th International Conference on Recent Trends in Engineering, Science and Management (ICRTE SM2016)*. 16th and 17th July 2016, Organized by International Organization of Scientific Research and Development (IOSR), India, Madurai, India. 249-255.

Conference Proceeding

1. Kandeepan, K., Balakumar, S. and Arasaratnam, V., 2016. Wealth inequality of the households : Is it an influential factor on nutritional status of children in Jaffna District. Oral Presentations. Nutrition Society of Sri Lanka Annual Scientific Sessions. 23rd and 24th January, 2016. Galle Face Hotel, Colombo, Sri Lanka. pp.14.
2. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2015. Antioxidant activity in aqueous extracts of MathumehaChooranam stored for six months at room temperature and at 4°C. *Fostering Knowledge through Integration*. 4th International Conference, Eastern University, Sri Lanka. 10th& 11th March 2016. pp. 29.
3. Darsana, P.,Prabhakaran, M. and Balakumar, S., 2016. Comparative study on nutrient composition of various methods of parboiled and non-parboiled rice from Sri Lanka. *Proceedings of the 23rd Annual Sessions of the Jaffna Science Association*. 4th to 6th May 2016. pp. 08.
4. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2016. Antioxidant activity in aqueous extracts of fruits ofPhyllanthusemblicastored for six months in different storage conditions. *Proceedings of the 23rd Annual Sessions of the Jaffna Science Association*. 4th to 6th May 2016. pp. 19.
5. Kandeepan, K., Kanagasabai, S., Balakumar, S. and Arasaratnam, V., 2016. Prevalence of anaemia and nutritional status of adolescent students in Tellipalai Medical Officer of Health (MOH) area, Jaffna. 'Towards a Greener Future, Jaffna University International Conference (JUICE-2016)'. 12th -13th August, 2016. Tilko Hotel, Jaffna. pp. 66-67.
6. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2016. Antioxidant activity of aqueous extracts of Terminaliachebula stored for six months at room temperature and 40C

- using 1,1-diphenyl-2-picrylhydrazyl (DPPH) assay. 'Towards a Greener Future, Jaffna University International Conference (JUICE-2016). 12th -13thAugust, 2016.Tilko Hotel, Jaffna. pp.64.
7. Tharsiny, S. Kirubahary, S. and Balakumar, S., 2016. Quality analysis of bottled edible oil available in Jaffna peninsula. 'Towards a Greener Future, Jaffna University International Conference (JUICE-2016). 12th -13thAugust, 2016.Tilko Hotel, Jaffna. pp.41.
 8. Yoganathan, T., Arasaratnam, V., Hettiarachchi, M. and Liyanage, C., 2016. Iodine status and its association with knowledge and practice on consumption of iodized salt among pregnant mothers in Jaffna district in Sri Lanka. Proceedings of the Wayamba University International Conference, Sri Lanka 19-20 August 2016. pp. 186.
 9. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2016. Antioxidant activity of aqueous extracts of *Murrakoeningii* stored for six months at room temperature and 4°C. 'Managing Systems from Source to Sink: Current Theoreis and applications' (WinC-2016). 19th - 20th August, 2016.Wayamba University of Sri Lanka, Kuliypittiya, Sri Lanka. Theme 4.
 10. Yoganathan, T., Arasaratnam, V., Hettiarachchi, M. and Liyanage, C., 2016. Maternal dietary behaviours among mothers in Jaffna District, Sri Lanka. 9th International Research Conference, KDU, Sri Lanka, 8th-9th September 2016. pp. 177.
 11. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2016. Antioxidant activity of aqueous extracts of leaf of *Gymnemasylvestre* stored for six months at room temperature and 4°C using 1,1-diphenyl-2-picrylhydrazyl (DPPH) assay. 'Emerging Knowledge for Sustainable Regional Development' (TRinCo-2016). 14th - 15th September, 2016. Trincomalee Campus, Eastern University, Sri Lanka, Konesapuri, Nilaveli, Sri Lanka.pp 69.
 12. Kandeepan, K., Balakumar, S. and Arasaratnam, V., 2016. Wealth inequality of the households: is it an influencing factor on nutritional status of children in Jaffna District. 'Nutritional well-being through behaviour change', Nutritional Society of Sri Lanka, Annual Scientific Sessions. 23rd - 24th November, 2016. Galle Face Hotel, Colombo. pp. 14.
 13. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2016. Efficacy of the Siddha medicinal preparation 'Mathumehachooranam' in patients with diabetes mellitus. 'Youth and Social Transformation' The Power, Opportunities and Challenges. Annual Research Symposium, National Centre for Advanced Studies in Humanities & Social Sciences, Sri Lanka (NCAS), 17-18 November 2016.pp 13-14.

14. Kumutharanjan, T., Sivaganesan, R. and Arasaratnam, V., 2016. Effect of Storage Temperature on the phenolic Content and antioxidant capacity of *Phyllanthusemblica* fruits. 'Engineering Social Transformation through Research & Development'. National Centre for Advanced Studies in Humanities and Social Sciences, Sri Lanka. pp. 58.
15. Vasanthiny, J. Prabhakaran, M. Balakumar, S. and Thushyanthy, M., 2016. Isolation and Identification of oil degrading bacteria. "Climate Smart Agriculture". Conference Proceedings 15th & 16th December 2016. International Conference on Dry Zone Agriculture (ICDA) 2016. Volume 2. pp. 35.

31.5.3 Department of Physiology

Journal Publication

01. M.Balasubramaiam, Arujun.R, Sivapalan.K, Keshavaraj.A

Upper limb nerve conduction parameters of healthy young adults. *Asian Pac. J. Health Sci.*, 2016; 3(1): 121 – 126.

Presentations published as abstracts - Orals

1. Balasubramaniam.M, Sivapalan.K, Tharsa.J, Sivatharushan.V, Nishanthi.V, Kinthusa.S, Dilani.M, 'Blood Pressure Values of Sri Lanka Tamils living in Jaffna district'.
2. Shobijah K, Vasikaran N, Puvana A, Nusra MPF, Balasubramanim M, Sivapalan K. A normogram for Peak Expiratory Flow Rate of Sri Lankan Tamil children in Jaffna district. Presented at the Annual Scientific sessions of Jaffna Medical Association 2016.

Poster Presentation

- i. Balasubramanim M, Wimalasekera SW, Sivapalan K. Preliminary results on lung function parameters of Sri Lankan Tamil adults in Northern Province. SAAPCON- 2016, poster session 1/28, Nov 10-12, Kathmandu University, Dhulikhel, Nepal. pp 249.
- ii. Vasikaran N, Puvana A, Shobijah K, Balasubramanim M, Nusra MPF, Sivapalan K. Reference values for blood pressure of healthy Sri Lankan Tamil children in Jaffna district. SAAPCON- 2016, poster session 2/08, Nov 10-12, Kathmandu University, Dhulikhel, Nepal. pp 269.
- iii. Balasubramanim M, Wimalasekera SW, Sivapalan K. Peak expiratory flow rate of Sri Lankan Tamil adults aged between 20 to 60 years in Jaffna district- A preliminary finding. Proceedings of the Scientific sessions 2016 FMS, USJP in collaboration with SJGH.

31.5.4 Department of Community & Family Medicine

a. Students Research : Supervised by Department staff -2016

1. Prevalence and influencing factors on self-medication practices among pregnant mothers attending antenatal clinic at Teaching Hospital Jaffna.
2. Level empathy and influencing of educational & social demographic factors on empathy among medical students of the faculty of medicine University of Jaffna
3. Job satisfaction pattern and factors influencing in job satisfaction among doctors working in government hospitals, Jaffna district.
4. Pattern of injury and its influencing factors among the patients admitted to teaching hospital Jaffna with physical assault.
5. The pattern and influence of factors on lower extremity injury in club team players of basketball in Jaffna district.
6. Knowledge, attitude and the influence of socio Cultural factors on foot care practices in type 2 Diabetes mellitus patients attending Diabetic center in Teaching Hospital Jaffna.
7. Knowledge and influencing factors of postnatal care among antenatal mothers in Teaching Hospital Jaffna
8. Prevalence and influencing of psychosocial, biological and environmental factors on smoking in diabetic patients in Teaching Hospital Jaffna
9. Knowledge attitudes and practices and the influence of socio demographic factors on personal hygiene among grade nine to eleven students in Nallur educational division
10. Prevalence of perceived stress and job satisfaction and factors influencing on perceived stress among teachers of Jaffna divisional schools
11. Pattern of selected waterborne diseases and their influencing factors among the students in university of Jaffna
12. Prevalence and influencing factors of Mild cognitive impairment and subclinical in elders residing in registered homes for the elders in Jaffna district.
13. The prevalence of micro vascular complications of diabetes mellitus and the influencing factors on it in type 2 diabetic patients attending to diabetic center at Teaching hospital Jaffna.
14. Prevalence of low birth weight and influence of socio-demographic, maternal & health service related factors on birth weight in JTH
15. Accessibility of available health care services and influence of service related factors for differently able people in Valikamam Area in Jaffna district.

16. Health risk behaviors and influence of socio-demographic factors related to road safety among 15-19 years students in the school of Jaffna Educational division
17. Prevalence, self-awareness and the influence of socio demographic and economic factors on refractory error among A/L student in Nallur divisional Educational Zone
18. Patterns of congenital heart defects and known risk factors in children referred to the paediatric cardiology clinic THJ
19. Knowledge, attitude and practices of family planning methods & factors influencing the choices among mothers currently practicing it in Nallur MOH area.
20. Nutritional knowledge, dietary practices and socio-economic, personal and environmental factors influencing on them among housewives in kondavil east PHM area
21. Knowledge, Attitude, Practice and influence of sociocultural factors on managements of childhood diarrhea among mothers with children under five years on nallur MOH
22. Status of healthy life styles and factors influencing the healthy life styles among elders in the Nallur divisional secretariat division
23. Knowledge attitude & practices related to management of childhood epilepsy and influencing factors on it among parents or careers of children with epilepsy attending paediatric clinic in Teaching hospital Jaffna.
24. Pattern of musculoskeletal pain and influencing factors among the building construction laborers from registered construction sites in Jaffna district
25. Prevalence and influencing factors of anemia among advanced level students in Jaffna education zone
26. Nutritional status of lactating mothers and the influencing factors in relation to gestational factors and life style pattern during 4-6 months period after delivery in MOH area, Nallur
27. Physical activities patterns and perceives barriers among advanced level national school students in Jaffna educational zone
28. The pattern of clinical profile and lifestyles modification and the influence of socio demographic factors among patients diagnosed with rheumatic fever following clinics at THJ
29. Wellbeing of the mother and the neonate during the first forty eight hours of postnatal life and the factors influencing on them in the maternity wards, THJ
30. Uptake and factors on uptake of selected people to Non-communicable disease screening program in Nallur MOH area
31. The trend and pattern of attempted suicide and influence of socio demographic and psychological factors on attempted suicide among adults in the Jaffna district

32. Antibiotic resistance of pattern of urinary tract infection and the influence of Known risk factors in admitted patients at Teaching hospital Jaffna.
33. The incidence of hemodialysis complications and influencing factors on it among patients who underwent hemodialysis at THJ
34. Pattern, Presentation, associating factors and the outcomes of Snake bite victims WHO are admired to Teaching hospital Jaffna.
35. Knowledge, attitude, practices and influencing factors on involving sports activities among grade nine to eleven school students in Thellipalai educational division
36. Outcome of non-surgical management of low back pain and factors influencing it in patients attending to orthopedic clinics at THJ
37. Premenopausal related symptoms and influencing factors in 40-55 aged female teachers in Jaffna educational zone
38. Innuecing factors on alcohol consumption among patients diagnosed with alcoholic liver cell disease at THJ
39. Analgesis use, the influence of patients related factors and adverse effects among the patients attending outpatient department (OPD) t THJ
40. Prevalence of Anemia in pregnancy and influencing factors in anemia among pregnant mothers admitted to THJ for delivery
41. Health related quality of life and the influence of depressive symptoms among patients with type 2 diabetes mellitus and on insulin attending to the medical clinics of THJ
42. The factors which influence on the awareness of Oral cancer among patients attending outpatient Department, THJ
43. Relationship between social media usage pattern and sleep quality among G.C.E (A/L) in Jaffna Educational zone
44. Prevalence and pattern of antibiotic resistance and influencing factors on infections of orthopedic and surgical wards of THJ
45. Readmissions after coronary artery bypass graft surgery: patterns, reasons and influencing factors in patients attending cardiology clinic at THJ
46. Innuece of patient's socio demographic service and services cape on patient's satisfaction at medical ward THJ
47. The post graduate achievements and factors influencing on it among medical graduates from Jaffna medical faculty (1st to 24th batch)
48. Psychological aspects of road collision and influence of socio-economic, demographic factors and injury patterns on it among the orthopedic clinic followers of road collisions in THJ

49. Prevalence of work related complaints of musculoskeletal discomfort and influencing factors in usage of computers among computer science and information technology (IT) students in University of Jaffna.
50. Incidence of, and factors influencing on multi vascular disease among newly diagnosed ischemic heart disease patients in cardiac unit THJ
51. Childhood obesity, overweight and influencing factors on it among the school students in karaichi educational division of Kilinochchi educational zone
52. Nutritional Status and influencing factors on it among preschool children in nallur MOH area
53. Knowledge attitude, practice and influence of socio demographic and economic factors on first aid among three wheel drivers in Jaffna Town
54. Prevalence of Periodontal disease and influence of socio demographic, patient and disease related factors in registered diabetic patient at Family Health Centre Kondavil
55. Trends of chronic kidney disease and influence of disease factors on chronic kidney disease in patients treated at THJ
56. Pattern of cataract and the influencing factors in increased presentation to eye clinic among cataract patients attending the eye clinic, teaching Hospital, Jaffna
57. Patient satisfaction on services provided at medical clinic and influencing factors on Patient satisfaction on services provided at medical clinic, teaching Hospital, Jaffna
58. Dietary pattern and its relationship with self-perception of body image and anthropometric measures among G.C.E (A/L) female students in Jaffna Education zone
59. Prevalence of anemia & influencing factors under 5 year children in Jaffna Teaching Hospital
60. Types, source and influencing factors of poisoning among children under 12 years admitted in THJ
61. Pattern of occupational injuries and influencing factors among the patients admitted to casualty ward THJ
62. Knowledge and satisfaction on provision of laboratory investigations and influencing factors in patterns attending medical clinics at THJ.

b. Conference Proceedings

1. K.Gobalasuthanthiran, R. Sivarajasundaram, R.Surenthirakumaran & K.Chandrasekar (2016) Influence of Socio – Economic ,Educational status of school Children on their information seeking behavior and School Library Usage (A study among G.C.E Advanced Level students of the Jaffna Educational Zone) Sri Lanka Library Association June 2016 volume 30 Page No 1

2. R.Surenthirakumaran (2016) Adverse effects of air pollution.(Gust Lectures) Jaffna Medical Association. 29th ,30th& 31st July 2016 Page No 43
3. Pratheepan. P, Sribalakumaran.R., Dinesh Coonhe PA, Githanjali Sathiadas(2016) The pattern of quality of life and the influence of socio demographic factors among patients diagnosed with rheumatic fever following clinics at Teaching Hospital, Jaffna. Jaffna Medical Association. 29th ,30th& 31st July 2016 Page No 71
4. Dr.S.Kumaran (2016) Establishing effective primary care services in Northern Province. (Gust Lectures) Jaffna Medical Association.29th ,30th&31st July 2016 Page No 55
5. Suganja.S, Sivatharshini.V, Surenthirakumaran.R, Shivaganesh.S, Balakumar. S (2016) Prevalence, pattern and socio cultural factors of betel chewing among bus drivers in Jaffna District Juice 12- 13 August 2016 Tilko Hotel ,Jaffna Page No 68 & 69
6. vinotha. Y, Manojini. P, Coonghe. P.A.D, Somasundram. D (2016) Self-esteem and its relations to depression among institutionalized elders in Jaffna District. Juice 12- 13 August 2016 Tilko Hotel , Jaffna Page No 65.
7. Romini .N, Coonghe. P.A.D , Muhunthan. K, Sivananthini. U (2016) Relationship between umbilical cord and anthropometric measurements of term newborns- A preliminary study Juice 12- 13 August 2016 Tilko Hotel , Jaffna Page No 69 & 70.
8. Dr.R.Surenthirakumaran (2016) Review of Policy to reduce marketing pressure on children in Sri lanka (Lecture) - 48th Asian Pacific Academic Consortium for Public Health (APACPH Conference) 17th September 2016, Tilko university, Tokyo

1.2 Publications:

Health Education Material Production Unit published the following publications in year 2016.

31.5.5 Department of Pathology

Division of Parasitology

Publications

- Rahuman, MA.,Kannathan, S., Muruganathan, A., Premaratne, P., Ruban, J., Senanayake, S., Yahathugoda, TC. And Weerasooriya, MV., (2016) Preliminary findings of an ongoing study on transmission of lymphatic filariasis in Jaffna district. Proceedings of Jaffna Science Association 23(1) p 18.
- Ratnasamy, V., Thirunavukarasu, K., Selvam, K., and Arumugam, M. (2016). Amoebic liver abscess: an unusual cause for a right iliac fossa mass: a case report. BMC Infectious Diseases, 16(1), 741.

Abstracts

- Muruganathan, K., Muruganathan, A., Chernick, A., Frank van der Meer, Careem, MFA. and Noordeen, F. Molecular epidemiology of dengue/dengue haemorrhagic fever in the northern part of Sri Lanka. The Bulletin of the Sri Lanka College of Microbiologists. (2015)14(1);26
- Muruganathan, K., Muruganathan, A., Careem, FA. and Noordeen, F.,. Epidemiology of dengue/dengue hemorrhagic fever in the northern Sri Lanka from 2009 to 2012. International Journal of Infectious Diseases. 2016(45):449.

Division of Microbiology

Full paper published in 2016

- Manoharan, K., Kumanan, T. and Muruganathan, K., (2016). Validation of rapid tests to detect urinary tract infection. Sri Lankan Journal of Infectious Diseases. 6(2), pp.126–129

Abstract presented & published in 2016

- Muruganathan, K., Muruganathan, A., Careem, FA. and Noordeen, F.,. Epidemiology of dengue/dengue hemorrhagic fever in the northern Sri Lanka from 2009 to 2012. International Journal of Infectious Diseases. 2016(45):449.
- Senaratne, T., Sirisena, PN., Muruganathan, K., Noordeen, F. and Carr, J. Co-infections with multiple dengue virus serotypes in patients from 3 different Provinces of Sri Lanka, a dengue hyper endemic country. International Journal of Infectious Diseases. 2016(45):457.
- Muruganathan, K., Muruganathan, A., Chernick, A., Frank van der Meer, Careem, MFA. and Noordeen, F. Molecular epidemiology of dengue/dengue haemorrhagic fever in the northern part of Sri Lanka. The Bulletin of the Sri Lanka College of Microbiologists. (2015)14(1);26
- Muruganathan, K., Subramaniam, S., Kumanan, T., Ketheesan, N., Noordeen, F. Blood group AB is associated with dengue and dengue haemorrhagic fever in the northern province of Sri Lanka The Bulletin of the Sri Lanka College of Microbiologists. 14(1);21-22
- Senaratne, T., Sirisena, PN., Muruganathan K, Noordeen, F. and Carr, J. Co-infections with multiple dengue virus serotypes in patients from 3 different Provinces of Sri Lanka, The Bulletin of the Sri Lanka College of Microbiologists. 14(1);26

31.5.6 Department of Forensic Medicine.

Not yet Report

31.5.7 Department of Pharmacology

Not yet Report

31.5.8 Department of Psychiatry

Not yet Report

31.5.9 Department of Medicine

Not yet Report

31.5.10 Department of Obs& Gyn

1. Thuvarathipan, R.; Mahendran, T.; Guruparan, Kandiah; Muhunthan, K.

Borderline ovarian tumor- a case report

10th Annual Academic Sessions, 5th-6th, October 2016, Anuradhapura clinical Society

2. Thuvarathipan, R.; Mahendran, T.; Guruparan, Kandiah; Muhunthan, K.

A Case of late single fetus demise in dichorionic diamniotic twin pregnancy

10th Annual Academic Sessions, 5th-6th, October 2016, Anuradhapura clinical Society

Research paper

3. Guruparan, Kandiah; Muhunthan, K.; Coonghe, PAD

Clinical audit on effect of staff education on intrapartum analgesic practice

Sri Lanka Journal of Obstetrics & Gynaecology 2016; Vol.38 (suppl.1): pp.34

Research abstract

4. Muhunthan, K.; Arulkumaran, S.

Ethics in the Setting Up of Obstetric HDU and ICU

Principles of Critical Care in Obstetrics, chapter 3, Volume I, 2016

Book chapter

5. Thanuya, M.; Thuvarathipan, R.; Guruparan, Kandiah; Muhunthan, K.

Hematometra and fallopian tubal occlusion in uterine didelphys with unilateral

cervical atresia in an adolescent girl- A case report 10th Annual Academic Sessions, 5th-6th, October 2016, Anuradhapura clinical Society

Case report

6. Thuvarathipan, R.; Thanuya, M.; Guruparan, Kandiah; Muhunthan, K.
Sertoli-leydig cell tumour - a rare androgen secreting ovarian tumour in a postmenopausal woman, 10th Annual Academic Sessions, 5th-6th, October 2016, Anuradhapura clinical Society Research abstract
7. **Dr.G.Bavani, Dr.P.A.Dinesh Coonghe**
Prevalence and influencing factors of self-medication practices among pregnant mothers attending antenatal clinic at Teaching Hospital Jaffna.
8. **Dr.G.Bavani, Dr.R.Surenthirakumaran**
Influence of knowledge and practice regarding antenatal total iron intake and socio economic factors in the prevalence of anemia among pregnant mothers admitted to Teaching Hospital Jaffna for delivery. (Proposal submitted.)
9. **Dr.G.Bavani, Dr.P.A.Dinesh Coonghe**
Perimenopausal related symptoms and influencing factors in 40- 50 aged female teachers in Jaffna educational zone. (Proposal submitted.)
10. Thuvarathipan, R.; Mahendran, T.; Guruparan, Kandiah; Muhunthan, K.
Knowledge on postnatal care among public health midwives
Research paper
11. **Dr.K.Guruparan, Dr.Ruwan Gamage (ROG) RNG Rajapaksha S Sivasumithiran**
Do body mass index matters the medical management of first trimester missed miscarriage? An experience from the tertiary care hospitals. Presented at SLCOG annual scientific session. (oral presentation)
12. **Dr.K.Guruparan, Dr.Ruwan Gamage (ROG) RNG Rajapaksha S Sivasumithiran**
Do body mass index matters the medical management of first trimester missed miscarriage? An experience from the tertiary care hospitals. Presented at SLCOG annual scientific session. (Poster presentation in Australia)

31.5.11 Department of Paediatrics

Not yet Report—

31.5.12 Department of Surgery

Not yet Report

31.5.13 Allied Health Science Unit

01. Thabotharan. D published an article in Knowledge, Attitude and practice on Health education among Nursing Students at college of Nursing Jaffna, Sri Lanka. Abstract on Inter National Research Conference, KDU, Sri Lanka. P24
02. Thabotharan. D published an article in Factors associated with constipation among patients Admitted to female Medical Wards at the Teaching Hospital, Jaffna, Sri Lanka. Abstract on Inter National Research Conference, KDU, Sri Lanka. P248
03. Kamalarupan L published an article in Practice of self –medication among the Nursing Students of College of Nursing in the Northern part of Sri Lanka. Abstract on Oral presentation of the International conference on “Optimizing Healthcare Quality: Team work in Education, Research, and Practice” 24th and 26th of June 2016, Faculty of Nursing, Chiang Mai University, Thailand. Pp.125
04. Velauthapillai V published an article in Practice of Self-medication among the Nursing Students of a College of Nursing in the Northern part of Sri Lanka. Abstract on Oral presentation of the International conference on “Optimizing Healthcare Quality: Team work in Education, Research, and Practice” 24th and 26th of June 2016, Faculty of Nursing, Chiang Mai University, Thailand. Pp.125
05. Sathees S published an article in Influence of personal factors on the perceived stress level of students of College of nursing students”. Abstract on IOSR-Journal of Nursing and Health Science, vol5, issue6, pp32-35
06. Kalki, P and Arthorn, R. (2016). has published an article in Study on use of medical plants; a systematic review on methodology accepted for oral presentation on April 8, 2016 in 25th Anniversary International Scientific Conference, Faculty of Medicine, University of Kelaniya-2016

31.6 Faculty of Science

31.6.1 Department of Botany

PUBLICATIONS

1. Uthayasooriyan, M., Sevel, P., Ravimannan, N. and Sutharshini, S. 2016. Formation of alternative culture media for bacterial and fungal growth. *Der pharmacia Lettre*, 8(1): 431-436.

2. Ravimannan, N., Sevvil, P and Saarutharshan, S. 2016. Study on fungi associated with spoilage of bread. International Journal of Advanced Research in Biological Science. 3(4): 1-3.
3. Ravimannan, N. 2016. Study on microbial profile of bread during storage. International Journal of Advanced Research in Biological Science. 3(9): 60-63.
4. Ravimannan, N. 2016. Investigating alternative yeast storage methods. International Journal of Advanced Research in Biological Science. 3(11): 109-111.
5. Ravimannan, N and Sevvil, P. 2016. Soy flour as alternative culture media for yeasts. Global Journal of Science Frontier Research:C 16(3):pp. 75-78
6. Biranavan,N. and Niranjana,K. 2016. Biological control of Soil borne pathogen *Rhizoctonia sp.* using selected microbes and botanicals. Proceedings of Jaffna Science Association, 23(1),p.10.
7. Perera,T.H. and Niranjana,K. 2016. Biological control of major devastating soil borne pathogen *Pythium sp.* by using botanicals and selected microbes. Proceedings of Jaffna Science Association, 23(1),p.13.
8. Vivian,S. and Niranjana,K. 2016. Estimation of ethanol percentage in Arista and Asava: Nimba Arista and Punarnavasava. Proceedings of the 4th International Conference on Ayurveda, Unani, Siddha and Traditional medicine (ICAUST) – 2016,p.30.
9. Prevalance and distribution of *Parthenium hysterophirus* weed in Jaffna peninsula, Sri Lanka.
10. Krishnapillai, N. and Wilson Wijeratnam, R.S. (2016). Morphometric analysis of mango varieties in Sri Lanka. Australian Journal of Crop Science, Vol. 10, No. 6, Jun 2016: 784-792.
11. Krishnapillai, N. and Wilson Wijeratnam, R.S. (2016). Sap burn injury management of mangoes (*Mangifera indica* L.) in Sri Lanka. Pak. J. Bot., 48(5): 2147-2152
12. Krishnapillai, N. and Wilson Wijeratnam, R.S. (2016). Sap volatile components in relation to susceptibility of anthracnose and Aspergillus rot of mangoes (*Mangifera indica* L.). The Journal of Horticultural Science and Biotechnology. On line publication. (<http://www.tandfonline.com>) 1-8.
13. Uthayasooriyan, M.,Sevvil, P., Ravimannan, N.and Sutharshini, S. 2016. Formation of alternative culture media for bacterial and fungal growth. Der pharmacia Lettre, Vol. 8(1): 431-436.
14. Ravimannan, N., Sevvil, P and Saarutharshan, S. 2016. Study on fungi associated with spoilage of bread. International Journal of Advanced Research in Biological Science. Vol 3(4): 1-3.
15. Ravimannan, N and Sevvil, P. 2016. Soy flour as alternative culture media for yeasts. Global Journal of Science Frontier Research:C Vol. 16(3): pp. 75-78

16. Kapilan Ranganathan, Walid El Kayal, Janice E.K. Cooke, Janusz J. Zwiazek (2016). Responses of hybrid aspen over-expressing a PIP2;5 aquaporin to low root temperature, *Journal of Plant physiology*, 192:98-104. DOI:10.1016/j.jplph.2016.02.001
17. Kapilan Ranganathan (2016). Characterization of purified protease from *Bacillus subtilis* BS166. *Journal of National Science foundation of Sri Lanka*, 44 (3):243-248. DOI:http://doi.org/10.4038/jnsfsr.v44i3.8006
18. Razeek, N., Sittampalam, T. & Kapilan, R. (2016). Effect of water content on the germination characteristics of *Trichosanthes cucumerina*, *Momocardia charantia* and *Abelmoschus esculentus* seeds. *Journal of Applied Biology and Biotechnology*. 4(5): 007-013. DOI: 10.7324/JABB.2016.40502
19. Sayanthan, A, Jashothan, P.T.J., Saravanan, S. & Kapilan R., 2016. Characterization of iron Bacterium *Gallionella ferruginea* isolated from the drinking water of the collector wells in Northern Sri Lanka. *Tropical Plant Research*,3(2):440–448.
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GENOMIC DIVERSITY OF SRI LANKAN NEW IMPROVED RICE VARIETIES

REVEALED BY AFLP MARKERS

Gowri Rajkumar^{1,2*}, Jagathpriya Weerasena², Rangika Silva³ and Kumudu Fernando⁴

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43. Thillany, P.V. and Sathyaseelan, V., 2015. The study of potential Medicinal plants of Badulla district (Hali-ela, Haldumulla) and the Conservations in the vicinity of their habitats. *Proceedings of 3rd International Conference on Unani, Ayurveda, Siddha and Traditional Medicine 2015, Organized by Institute of Indigenous medicine, University of Colombo, Rajagiriya, Sri Lanka, 10, 11, and 12 December 2015*. Pp. 27.

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46. Vijayakumar, A. and Sivapalan, S., 2015. Efficacy of combination of herbal medicines (Syrup *Vasaka*, *Suwasakudori* pill and *Peenisa* oil in the management of cold weather provoked respiratory symptoms. *Proceedings of International Conference on Multidisciplinary Approaches 2015*, University of Sri Jayawardanapura, Nugegoda, 11th and 12th September 2015, Pp.50.
47. Vijayakumar, A. and Sivapalan, S., 2015. Efficacy of two combinations of Herbal Medicines in cold induced Respiratory symptoms. *Inculcating Professionalism for National Development, Proceedings of the 8th International Research Conference of The General Sir John Kotelawala Defense University (KDU-IRC 8), held on 27th and 28th August 2015*. Pp.118.
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50. Vijayakumar, T. and Sathiyaseelan, V., 2015. Prescription and home remedy of *Gymnema lactiferum* (*Sirukurincha*) for Diabetes mellitus (*Neerilivu*) in Jaffna. A Review. *Proceedings of 3rd International Conference on Unani, Ayurveda, Siddha and Traditional Medicine 2015, Organized by Institute of Indigenous medicine, University of Colombo, Rajagiriya, Sri Lanka, 10, 11, and 12 December 2015*. Pp. 143.

Vavuniya Campus

31.8 Faculty of Applied Science

31.8.1 Department of Physical Science

Conference/ Symposium

1. Hemahashiny, V., and Ketheesan, T., 2016. Lung Nodule Segmentation in Computed Tomography Image, *6th International symposium, South Eastern University, 2016*, ISBN: 978-955-627-097-6, pp.42.

2. Archana, A., and Thirukumar, S., 2016. Analysis of Emotional Speech Recognition Using Artificial Neural Network, *Kelaniya International Conference on Advances in Computing and Technology (KICTACT-2016)*, Sri Lanka. pp.01
3. Yogarajah, B., 2016. "Modeling Gold Price in Sri Lanka (Box Jenkins Approach)", *RCBS, Vavuniya Campus of the University of Jaffna*. pp.27.
4. Suthaharan, S., Dhanusha, S., and Perera, W., 2016. "Resource Efficiency for Dedicated Protection in WDM Optical Networks", *In Proceedings of the Keleniya International Conference on Advances in Computing and Technology*, Sri Lanka. pp64-65.
5. Suthaharan, S., 2016. "Resource Assignment Schemes for Pre-configured Backup Protection in Elastic Optical Networks", *In IEEE 11th International Conference on Industrial and Information Systems (ICIIS 2016)*, IIT Roorkee, India, pp.56-61.
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7. Gopinath, S., Senthooan, V., Lojenaa, N., and Kartheeswaran, T., 2016. "Usability and accessibility analysis of selected government websites in Sri Lanka", *In IEEE Region 10 Symposium (TENSYMP)*, Indonesia, pp.394-398.
8. Gopinath, S., Kartheeswaran, T., Senthooan, V., Lojenaa, N., 2016. "Real-time lecture delivery approach to e-Learning using Web RTC", *In Proceedings of the Wayamba International Conference Win-C 2016*, Wayamba University of Sri Lanka, pp.316.
9. Jeyamugan, T., 2016. "Forecasting models for Dengue outbreak in Northern province of Sri Lanka", *In Proceedings of the Wayamba University International Conference, Sri Lanka*, August 2016, pp.25.
10. Linosh, N. E., Priyatharsan, U., 2016. "Modeling and solving timetabling problems of academic departments using linear-programming techniques", *Wayamba International Conference WinC-2016*, pp.129.
11. Musfira F. A., and Linosh N. E., 2016. "Augmented Reality and its possibilities in Agriculture (In Sri Lankan Context)", *In Kelaniya International Conference in Computing and Technology KICTACT-2016*, pp.36-37.
12. Priyatharsan, U., and HemijaSarawana, P., 2016. "Optimization of Wireless Network Sensors points using Genetic Algorithm", *In 6th Research Symposium, Uva Wellassa University*, 28-29 January 2016, pp.230.
13. Kayanan, M., and Kuhanesan, S., 2016. "The Knowledge Gathering and Study Pattern of Undergraduate Students of the Vavuniya Campus of University of Jaffna", *In Proceeding of 6th International Symposium of South Eastern University of Sri Lanka*, pp. 34.
14. Subaramya, V., 2016. "Rubik's Revenge Application Tool", *In 6th International Symposium, South Eastern University of Sri Lanka*, pp.44.

Journal

1. Kajaluxshy, N. and Thirukumaran, S., 2016. Two-Dimensional Free Space Mesh Generation for Cloud-to-Ground Lightning Simulation using Finite Difference Method. *OUSL Journal*. 11, pp.1–22.
2. **Senthooran, V.**, Chathuranga, MT., Kartheeswaran, T., “E-Sign Detector: Image Steganography-Based Employee Identification System”, *IUP Journal of Information Technology Hyderabad* 12.2 (Jun 2016), pp. 22-32.

31.8.2 Department of Bio-Science

Books published

1. **Nanthakumaran,A.**, 2016. “*Methodologies for Tank Irrigation Performance and Management*” Saarbrucken; LAMBERT Academic Publishing.

Published in Journals

Journal articles

1. Patrick, A. E. S and Kuganathan, S., 2016. ‘Seasonal hydro-climatic consequences on fish harvests in Vavuniya reservoir, Sri Lanka’, *Int. Res. J. Environment Sci.*,5(9), pp. 55-62.
2. Patrick, A. E. S., 2016. ‘Influence of rainfall and water level on inland fisheries production: A review’, *Archives of Applied Science Research*, 8(6), pp. 44-51.

Published in Conference/Symposium

Full paper

1. Sandhamali, W. D. P. and Nanthakumaran, A., 2016. “Can Rain Water Harvesting be a Solution for Household Water Security? (A Case study in Monaragala district)” *3rd International Research Symposium - 2015, Rajararata University of Sri Lanka, “Innovation for Sustainability”*, 26th – 27th January, 2016, pp.65 -71.
2. Sudusinghe, S.A., Nanthakumaran, A. and Kadupitiya,H.K. 2016, “Identification of Cascade Systems and Assessment of the Performance of Village Tanks in Kovilkulam Agrarian Centre Area”, *7th International Conference on Sustainable Built Environment 2016*, 16th – 18th December, 2016, pp.47-53.
3. Nanthakumaran,A, Kayanan.S and Kishoran S., 2016, ”Pollution Reduction Potential of Subsurface Flow Constructed Wetland System”, *Proceeding of 6th International Symposium 2016, South Eastern University of Sri Lanka*, 20th and 21st December, 2016, pp.181-186.
4. Arjunan, K. and Nanthakumaran, A., 2016. “Identifying an appropriate and sustainable irrigation method using some remotely sensed parameters for the crop cultivation in

Vavuniya district”, *International Conference of Sabragamuwa University of Sri Lanka, 2015(ICSUSL 2015)*, Procedia Food Science 6 (2016) pp.127 – 132.

5. Jeyagowri, N., Terrence Madhujith., 2016. “Phenotypic characterization of potentially probiotic *Lactobacillus* sp. isolated from fermented rice”, *5thAnnual Scientific Session and conference – 2016*, Sri Lankan Society for Microbiology (SSM), pp.11.

Abstract

1. Weerawardana, B.K.G., Nanthakumaran,A. and Arjunan, K., 2016. “Spatial variability analysis on distribution of natural forage species in selected tank bed grasslands of Mahaweli system C in Sri Lanka” *Proceedings of Wayamba International Conference*, Wayamba University, Sri Lanka,19 – 20 August, 2016 pp. 224.
2. R. Ramya, A. Nanthakumaran and I.P. Senanayake., 2016. “Identification of the Groundwater Potential Zones in Vavuniya District Using GIS”, *Power of Research: Force for Tomorrow’s Agricultural Development, 3rd International Conference on Agricultural Sciences*, 8th-9th December, 2016 pp.1357.
3. Arjunan., K. and Kuhanesan, S., 2016. “A Remote sensing based preliminary Climatology Study, Urban and Sub- Urban area , Vavuniya district, Northern Sri Lanka”, *Proceedings of Wayamba University International Conference*, Wayamba University, Sri Lanka 19 – 20 August, 2016, pp.231.
4. Sanjeevani, H K N, Kittle, AM, Lekamge D., 2016. “Determining the abundance of prey available to leopard in a mid- elevation wet zone forest reserve in Sri Lanka: a comparison of methods”, *Proceeding of the Wayamba University International Conference*, Wayamba University, Sri Lanka, 19-20 August 2016. pp.258.
5. Acharya G, Kittle, A.M, Watson A, Sanjeevani, HKN., 2016. “Human-leopard interaction in Sri Lanka with a focus on the Central province hill country”,*Proceeding of the Wayamba University International Conference*, Wayamba University, Sri Lanka, 19-20 August 2016. Wayamba University, Sri Lanka: University of Wayamba, pp. 228.

31.9 Faculty of Business Studies

31.9.1 Department of Economics and Management

Research Publications

1. Anushya. E, Selvarajan. P, and Tharani.V., 2016. The Effect of Relationship Marketing on Customers' Satisfaction in Commercial Bank of Ceylon PLC in Batticaloa District. *Trans Asian Journal of Marketing and Management Research*, 5 (9-10), pp 10-17.

2. Selvarajan. P., 2016. Evaluating the Post-Purchase Dissonance of Sri Lankan Buyers: An Ethnographic Approach. *ACADEMICIA- An International Multidisciplinary Research Journal*, 6 (7). pp.1-11.
3. Pushpanathan. A, and Ragulan. N., 2016. The Role of Main Five SME Industrial Estates in Sri Lankan Economic Development. *Shanlax International Journal of Management*, 3. Special Issue 1, pp 415-418.
4. Dhananjaya Karunathikaka .S.D.D, and Thayaparan. A., 2016. Determinants of Farmers' Perceptions towards the Adoption of New Farming Techniques in Paddy Production in Sri Lanka. *Journal of Economics and sustainable Development*, 07(12). pp 37-45
5. Nanthagopan. Y., Williams. N.L., and Page. S., (2016). Understanding the Nature of Project Management Capacity in Sri Lankan Non-Governmental Organisations (NGOs): A Resource Based Perspective. *International Journal of Project Management*, 34(8), pp.1608-1624.
6. Karunakaran. A.S.J., and Vadivelu Thusyanthy. V., 2016. A Review on the Relationship Variables to Customer Satisfaction. *Global Journal of Management and Business Research: E Marketing*, 16(5), pp. 87-91.

Research Communications

1. Karunakaran, A.S.J. and Selvarajan,P., 2016, Evaluating the factors influencing on Customer Retention in the Mobile Telecommunication Industry in Colombo District of Sri Lanka. *1st Interdisciplinary Conference of Management Researchers, Sabaragamuwa University of Sri Lanka*, 10-12 August:
2. Kobichanthar.C, and Pushpanathan. A., 2016, Enhancing Brand Preference through Corporate Social Responsibility (CSR) Initiatives: A Study on the Ceylon Cold Stores Plc. *Research Conference on Business Studies, Faculty of Business Studies, Vavuniya Campus of the University of Jaffna*, 24 June, pp 140-143.
3. Mangaleswaran.T. 2016. A Case Study of Human Resource Management Practices: Northern Farm in Vavuniya, Sri Lanka, *6th International Symposium – 2016, South Eastern University of Sri Lanka*.
4. Gowdin Phillip. P, Thayaparan. A., 2016. The Factors Determine the Coconut Production in Sri Lanka: An Analysis of Cobb- Douglas Model. P.26. *1st International Conference on Trincomalee Campus, Eastern University of Sri Lanka*. pp 26

5. Nanthagopan, Y., and Williams, N., 2016. Evaluation Factors of Project Success in Non-Governmental Organizations (NGOs). Annual Research Symposium - 2016, NCAS, Sri Lanka. Nov, pp 58-59.
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7. Thusyanthy. V., 2016. Assessing the Levels of Health Consciousness and Customer Based Brand Equity in Sri Lanka. *Research Conferenceon Business Studies, Faculty of Business Studies, Vavuniya Campus of the University of Jaffna*, 24 June, pp. 119-124.

31.9.2 Department of Finance and Accountancy

Research Publications

1. Janaki Samuel Thevaruban., 2016. Impact of Cash Management on Financial Performance of the Sri Lankan Manufacturing Companies. *EPRA International Journal of Economic and Business Review*, 4 (8), pp 118 – 126.
2. Gayan Madhushanka Abeyrathna, and Koperunthevy Kalainathan., 2016. Financial Risk, Financial Risk Management Practices and Performance of Sri Lankan SMEs: Special Reference to Anuradhapura District, *Research Journal of Finance and Accounting*, 7(15), pp 16-22
3. Tharmalingam Pratheepan., and Y.K. Weerakoon Banda., 2016, The Determinants of Capital Structure: Evidence from Selected Listed Companies in Sri Lanka. *International Journal of Economics and Finance*, 8 (2), pp 94 – 106.
4. Aloy Niresh, J and Arulvel, KK., 2016. A Conceptual Review on Strategic Planning for Universities in Sri Lanka, *European Journal of Business and Management*, 8 (13), pp. 80-83.

Research Communications

1. Janaki Samuel Thevaruban., 2016. Study of Credit Risk and Liquidity Risk of Banks and its Impact on Profitability: Case Study of Bank of Ceylon, Annual Research Symposium, National Centre for Advanced Studies in Humanities and Social Science, -2016. Annual Research Symposium - 2016, NCAS, Sri Lanka. Nov. 17, pp. 17-18.

2. Larojan. C., and Fernando. A.A.J., 2016. A Conceptual Paper on Intellectual Capital Disclosure Practices. *Research Conference on Business Studies, Faculty of Business Studies, Vavuniya Campus of the University of Jaffna*, 24 June, pp 16 - 21.
3. Larojan. C., and Fernando. A.A.J., 2016. Intellectual Capital Disclosure Practices: An Empirical Study on Companies Listed on Colombo Stock Exchange. 13th Annual World Congress, Academy for Global Business Advancement, Universitas Sebelas Maret, Indonesia, November, pp 26-28, 2016.

31.10 Library

Article Publications in Refereed Journals

1. Murugathas, K. and Navaneethakrishnan, S., 2016. Bibliometric Analysis of Ceylon Medical Journal during the period from 2003 – 2012, *Journal of the University Librarians' Association of Sri Lanka*. Vol. 19 (2), April 2016, ISSN: 1391-4081, pp 67-81.
2. K.Gobalasuthanthiran, R.Sivarajasundaram, R.Surenthirakumaran and K.Chandrasekar., 2016. Influence of socio-economic, educational status of school children on their information seeking behaviour and school library usage (a study among G.C.E. Advanced level students of the Jaffna educational zone), *Sri Lanka Library Review*, 30, 2016, pp1-16.
3. Kalpana Chandrasekar and Nadaraja Sivathanan., 2016. Children's section of the Jaffna Public Library: user satisfaction survey, *Library Review*, 65(1/2), 2016, pp108-119.
4. Kirupa Hoole., 2017. Library User Survey: Based on the Humanities and Social Sciences at the University of Jaffna. *Universal Journal of Management*, 5, 14 - 21.

Communications (Presented in Conferences)

5. Arulanantham, S., 2016. Characteristics of documentation patterns of Sri Lankan Tamils, *Proceedings of First International Conference on Library and Information Management (ICLIM - 2016)*, organised by Department of Library and Information Science, Faculty of Social Sciences, University of Kelaniya, 2016. p. 129.
6. Murugathas, K. and Navaneethakrishnan.S., 2016. A Bibliometric assessment of research literature on Ebola virus disease based on Scopus database. *Proceedings of National Conference on Library and Information Science (NACLIS)*, 2016, pp 94-100.

7. R. Balasubramani, Rasiah Maheswaran & Ketheeswaran, S., 2016. SAARC Citation Index: A Proposal for the Tool and Measurement of Scholarly Communication, International Conference of University Librarians' Association (ICULA) – Libraries as partners of knowledge sustainability, 9th - 10th March 2016, pp 85-90.
8. Kalpana, C and Mahesan, S., 2016. An assessment of completeness of notifiable disease reporting in Jaffna district: a qualitative study Proceedings of Jaffna Science Association – 2016 (23rd Annual Sessions), 23(1), 2016, p. 17.
9. Latha, U., 2016. Research to discover what factors influence the regular Newspaper reading habits of the public servants serving in the metro Jaffna region Proceedings of International Conference of University Librarians' Association of Sri Lanka organized by University Librarians' Association of Sri Lanka, 2016. pp 171-172.
10. மைதிலி, வி, நவநீதகிருஷ்ணன், சு.இ 2016இ நூலகத்தில் தனிநபர் வாழ்க்கை வரலாற்று நூல்களை ஒழுங்கமைத்தலும் நடைமுறைச் சிக்கல்களும் : தூயி தசமப் பகுப்பாக்கத் திட்டத்தை அடிப்படையாகக் கொண்ட ஆய்வு. Proceedings of 3rd International Conference on Contemporary Management organized by Faculty of Management studies and Commerce University of Jaffna, 2016, pp 181-187.
11. Navaneethakrishnan S., 2016. Construction of a Subject thesaurus to Śaivāgamas – Special reference to Agnikārya vidhi patala of Pūrva Kāmikāgama, Proceedings of First International Saiva Conference organized by Department of Hindu Civilization University of Jaffna, 2016, pp 475-481.
12. Navaneethakrishnan, S and Arulanantham.S., 2016. Identifying subject thesauri as an educational tool for sustainable education, Proceedings of International Conference of University Librarians' Association of Sri Lanka organized by University Librarians' Association of Sri Lanka, 2016. p.128.
13. Navaneethakrishnan, S., 2016. Sanskrit Webliography– a Sample Strategic Initiative to Increase the E-Resource Usage among Academics in Sri Lanka, Proceedings of First International Conference on Library and Information Management (ICLIM - 2016), organised by Department of Library and Information Science, Faculty of Social Sciences, University of Kelaniya, 2016, p74.
14. Nagarajan, M. Jayaprakash, M. and Kupeshan, R., 2016. Role of Library to Enhance the Awareness of Right to Information Act in India Proceedings of International Conference of University Librarians' Association of Sri Lanka organized by University Librarians' Association of Sri Lanka, 2016. pp 145-152.

15. Thivya Janen, Latha Umashankar., 2016. Ensuring the effectiveness of reader services in an academic library by adopting Quality function deployment. Proceeding of Jaffna University International Research Conference.(JUICE 2016) pp.52-53 Jaffna. University of Jaffna.

Books

16. அருளானந்தம், ஸ்ரீ 2016. தூயி தசமப் பகுப்புத் திட்டம் 23ம் பதிப்புக்கான கைநூல். 310p.
Rajan Hoole, Kirupaimalar Hoole (2016) From Donoughmore Commission to Election Commission (Book Chapter - The Donoughmore Era: From Lanka's Botched Indian Franchise to Struggles with International Law), Election Commission of Sri Lanka, 230p.

31.11 English Language Teaching Centre

Details of Research, Innovation and Publications

Publication

1. Shriganeshan,K., 2016. Sri Lankan Tamil writers' Concern for the Safety of the Environment: A Study on Selected Tamil stories in English, JUICE 2016:ConferenceProceeding of Jaffna University International research Conference,2016, 257- 261
2. Shriganeshan,K., 2016, Evolving a New Idiom to Express Tamil Life through Translations: an Achievable Task or Impossibility? Proceedings 6th International Symposium 2016, South Eastern University of Sri Lanka, CD. 801 – 807
3. Kannathas, S.K., 2016, Role of Literature in Teaching English as a second Language. South Asian Journal :University of Jaffna, Jaffna.
4. Karunakaran,T., 2016, English and Multiculturalism.*ScholarCritic*,VoL 3:1,,11-20.
5. Karunakaran,T.,(2016) Bilingual Education and its Impact, Plenary Address at National Conference at NIE,Maharagama
6. Shanmuganathan, K.,2016, Code-mixing as a Communication Strategy among Urban Tamil Bilinguals. Paper presented at the Second International Research Conference University of Kelaniya, Kelaniya.
7. Ramanan, K. L.,2016. Different Types of Free Variation in the Writing of Sri Lankan ESL Learners. *Language in India*, 16(4), 155-164.
8. Ramanan, K. L., 2016. Second Language Identity of Sri Lankan University Undergraduates: A Study Based on Tamil Medium Students of University of Jaffna, Sri Lanka. *Language in India*, 16(11), 139-153.

9. Ramanan, K. L.,2016. The Impact of CALL on the EFL Writing Anxiety. Paper presented at the 9th PGIE Research Forum, Nawala, Nugegoda.
10. Sivaji,K., 2016. The Impact of Ecological Factors on the Socio-Cultural Competence of English Language Writers in the Jaffna peninsula. JUICE2016 International Research Conference Proceedings: University of Jaffna, Jaffna,262-267
11. Saravanapavalier, M., 2016. Teaching Conversational Language and the Challenges: Some Crucial Areas, *Language in India*, Volume 16, Issue 8,205-212, <http://www.languageinindia.com>
12. Rajashanthan, Sivagowri. (28th – 29th July, 2016). *Powers of Tamil women: With reference to the writing of Jaffna Tamils in English*. Conference Proceedings, 3rd International conference on Contemporary management.Faculty of Management Studies and Commerce, University of Jaffna, 553-559.

Research Communication

1. Rajashanthan, Sivagowri. (28th -29th July, 2016). *Powers of Tamil women: with reference to the writing of Jaffna Tamils in English*. Paper presented at the 3rd International conference on Contemporary management.Faculty of Management Studies and Commerce, University of Jaffna.
2. Rasakumaran, A., (28th -29th July, 2016) *Comparing the Effectiveness of L1 and L2 Glosses In Promoting Incidental Vocabulary Acquisition In a Call Environment*. Paper presented at the 3rd International conference on Contemporary management. Faculty of Management Studies and Commerce, University of Jaffna.
3. Rasakumaran, A., (28th-29th July, 2016) *The Effects of Repetition of Tasks on the Acquisition of L2 Forms among School Children* Paper presented at the 3rd International conference on Contemporary management. Faculty of Management Studies and Commerce, University of Jaffna.