



KALASALINGAM

ACADEMY OF RESEARCH AND EDUCATION

(DEEMED TO BE UNIVERSITY)

Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade



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KARE eNewsletter

March-2019

Vision

To be a Centre of Excellence of International repute in Education and Research.

Mission

To produce Technically Competent, Socially committed Technocrats and Administrators through Quality Education and Research.

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Academic Scholarship Distribution Function

Kalasalingam Academy of Research and Education committed to recognize and reward the students achievements. Every year, to appreciate and motivate the academic achievers the management of Kalasalingam Academy of Research and Education grants the following scholarships based on their Academic achievements and their involvement in Co-curricular and Extra Curricular activities

- 1) **Founder Chairman Scholarship** has been given to a best outgoing male student based on the academic performance, participation in co-curricular activities, performance in competitive exams and achievement in extracurricular activities.
Scholarship Amount: One Semester Fees
- 2) **Vice-Chairman Scholarship** has been given to a best outgoing girl student based on the above criteria.
Scholarship Amount: One Semester Fees
- 3) **Academic Merit Scholarship** has been given to the top three rank holders, year wise, in each department
 - I Rank : Rs. 10, 000
 - II Rank : Rs. 7,000
 - III Rank : Rs. 5,000

This year totally 121 students have received the Academic Scholarship and the total scholarship amount granted is Rs.9, 62, 000/-

The function was held on 26.03.2019 in the K.S. Krishnan Auditorium.

Dr. D. Devaraj, Director, Academic welcomed the gathering. The Chief Guest Mr. Hemanth Kumar, Byjus, Bangalore, distributed the Scholarship to the students. Dr. S. Shasi Anand, Vice President, KARE, Dr. R. Nagaraj, Vice Chancellor, KARE, Ms. Natasha, Impartus were present. Dr. A. Muthukumar, Deputy Director, Academic, proposed the vote of thanks.



Our student receiving Founder Chairman Scholarship award

Kalasalingam School of Architecture (KSoA)

Students' Industrial Visits

The students of School of Architecture visited campus of CITI Centre, Chennai on 9th March and 10th March, 2019. The students were briefed about the campus and the salient features by the facility management team of the Shopping Complex. Then the students were exposed to all services infrastructure including A/C Plant, Substation, Transformer yard, DG Room, Water Treatment Plant, Sewage Treatment Plant & Fire Protection systems. The students gained practical knowledge on these services infrastructure and the importance of seamless integration with the space Planning.



Students of School of Architecture visiting campus of CITI Centre, Chennai

School of Agriculture and Processing Sciences (SoAPS)

Students' Industrial Visits

The Department of students of Food Technology visited A.K.N Modern Ricemill, Tenkasi on 11th March, 2019. The students gained knowledge about equipments used for agricultural processing especially for paddy processing.



Students of Food Technology visiting A.K.N Modern Ricemill, Tenkasi

School of Electronics and Electrical Technology (SEET)

Students' Industrial Visits

The EEE Department students visited MAS solar Pvt.Ltd and International Airport, Coimbatore on 15th and 16th March, 2019. They learned about the renewable energy involved in Tobacco with its curing process in detail. Along with that they visited insect museum, Food processing equipments and farm machinery equipments. On 16th March 2019, the students visited MAS solar systems to know about the production of solar panel and solar based equipments manufacturing.



Students of Electrical & Electronics Engineering visiting MAS solar Pvt. Ltd and International Airport, Coimbatore

Mathematics Day Celebrations

The Department of EEE organized “Mathematics day celebrations” on 7th March, 2019. The resource person for this programme was Dr. K. Rajesh, Assistant Professor, Kalasalingam Academy of Research and Education, Krishnankoil.

Faculty Served in Academic Bodies

Dr.M.Kalpana served as a TEQIP III sponsored International Conference Reviewer at NIT, Trichy from 14th to 22nd March, 2019.

Prof. P. Manikandan monitored a project titled with “DIM and DIP System” in the 5th National Level Technical Project Expo 2019 on 15th March, 2019 at Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University, Kancheepuram.

Dr.P.ArunaJeyanthi acted as a Technical committee member for the IEEE International Conference on “Innovations in Power and Advanced Computing Technologies” on 22nd and 23rd March, 2019 at Vellore Institute of Technology (VIT), Vellore.

School of Automotive and Mechanical Engineering (SAME)

Workshop Attended by Faculty Members

Dr. S. Jeyakumar participated in National Workshop on “Detonation Engines” on 29th and 30th March, 2019 at IITM, Chennai.

School of Advanced Sciences (SAS)

Students’ Industrial Visits

The Department of students of Physics visited Indian Institute of Astrophysics, Solar Observatory and All India Radio FM 100.5, Kodaikanal on 23rd March, 2019. They learnt real-time application of sound waves in media, sound absorbing materials used in sound proof etc.



Students of Physics visiting Indian Institute of Astrophysics, Solar Observatory and All India Radio FM 100.5, Kodaikanal

School of Liberal Arts and Education (SLATE)

Guest Lecture Organized

The Department of Visual Communication organized an industrial guest lecture on “Post Production and Visual Effects” on 2nd February, 2018. The resource person for this programme was Mr. A.Gowtham, Animator, Dream Zone, Madurai.

Research Publications**Journal Publications**

S. No	Name of the Author(s)	Paper Title	Name of the Journal	Vol., Issue	Page No/ DoI	Scopus?	IF
1.	Eswaran.P	PoneelaninThedal Novel-Panmugapaarvai	Inam international E-journal of Tamil Studies	4(16)	45-51, ISSN2455-0531	No	-
2.	N.Suresh Kumar, M. Gurupandi	Strength characteristics of high performance lime calcined clay cement (LC3)concrete	International Journal of Civil Engineering and Technology(IJCIET)	9(13)	1883-1889	Yes	-
3.	B.S.Murugan, Mohamed Elhoseny, K. Shankar, J. Uthayakumar	Region-based scalable smart system for anomaly detection in pedestrian walkways	Computers and Electrical Engineering	75	146–160/0045-7906	Yes	1.747
4.	Pardimin, Apriadi, Widhiya Ninsiana, M. Ihsan Dacholfany, KarnawiKamar, KamarulShukri Mat The, Miftachul Huda, April LiaHananto, Muhammad Muslihudin, K. Shankar, Natalia V. Kamenez, AndinoMaseleno	Developing Multimedia Application Model for basic Mathematics Learning	Journal of Advanced Research in Dynamical and Control Systems	10(14)	1347-1356/1943-023X	Yes	-
5.	Mukilan.K, BalaNivetha.M, Velumani.P,	A qualitative study and analysis of causes and disputes in claims in construction industry	International Journal of Civil Engineering and Technology (IJCIET)	10(1)	951-957 /0976-6316	Yes	-

	Christopher Gnanaraj .S						
6.	Velumani P, NVN Nampoothiri	Predicting india's cement price: a comparison of regression analysis, trend analysis, and artificial neural network	International Journal of Civil Engineering and Technology	9(10)	1907-1915	Yes	-
7.	R Selvakumar, S.T Sivakumar	A Study on Opinion of Animators Towards The Entrepreneurial Behaviour of Members of Woman Self Help Groups In Sivakasi Taluk	Suraj punj journal for multidisciplinary research (peer reviewed/ referred journal)	9(1)	140-145 / 2394 2886	No	6.1
8.	G.RameshPandi, G.Rengarajan A.Saravanan	The Impact of Infrastructure on Agricultural Productivity In India	Research explorer-a blind review & refereed quarterly international journal	5(22)	(P) 2349-1647 , ISSN: 2250-1940	No	-
9.	Balamurali. S, Jeyadurga, P Usha, M	Economic Design of Quick Switching Sampling System Assuring Weibull Distributed Mean Life	Journal Communications in Statistics-Theory and Methods	47(2)	385-398	Yes	0.353
10.	G. Ramesh Pandi, B.InayathAhamed , G.Rengarajan	Marketing Of Turmeric Through Regulated Markets:A Study In Erode District of Tamil Nadu	SurajPunj Journal For Multidisciplinary Research	9(3)	18 / ISSN NO : 2394-2886	Yes	6.1
11.	Balamurali,S Aslam, M Ahmad, L	Determination of a New Mixed Variable Lot-Size Multiple Dependent State Plan Based on the Process Capability Index	Journal Communications in Statistics-Theory and Methods	47(3)	615-627	Yes	0.353
12.	S. Balamurali, P. Jeyadurga, M. Usha, M. Venkatesulu	Optimal Designing of Chain Sampling Plan for Weibull Distributed Percentile Life Assurance	International Journal of Mathematics and Computation	29(1)	94-105 / ISSN 0974-570X (Online); 0974-5718 (Print)	Yes	-

13.	ArunMurugesan, S.Balamurali	Key Management for Secured Group Communication	International Journal of Pure and Applied Mathematics	118(8)	33-38	Yes	-
14.	Balamurali,S Usha, M.	A New Mixed Repetitive Group Sampling Plan Based on Process Capability Index for Product Acceptance	International Journal of Quality and Reliability Management	35(2)	463-480	Yes	-
15.	Balamurali, S	Optimal Designing of a New Mixed Variable Lot- Size Chain Sampling Plan Based on the Process Capability Index	Communications in Statistics-Theory and Methods	47(3)	2490-2503	Yes	0.353
16.	S.Balamurali, Subramani, J.	Optimal Designing of Skip-lot Sampling Plan for the Inspection of Normally Distributed Quality Characteristics	Transactions of the Institute of Measurement and Control	40(7)	2240-2248	Yes	-
17.	Balamurali,S, Jeyadurga, P Usha, M	Optimal Designing of Quick Switching Sampling System Assuring Percentile Life Under Weibull Distribution	Communications in Statistics-Simulation and Computation	47(5)	1550-1563	Yes	0.501
18.	Karthigadevi, K, Balamurali S. Venkatesulu M.	Warmhole Attack Detection and Prevention using EIGRP Protocol Based on Round Trip Time	Journal of Cyber Security and Mobility,	7(1)	215-228	Yes	-
19.	S. Balamurali, Ahmad, L., Aslam, M., Hussain, J Jun, C.H.	Optimal Designing of an SkSP-R Double Sampling Plan	Communications in Statistics-Theory and Methods	47(10)	4329-4337	Yes	0.353
20.	P. Jeyadurga, S. Balamurali	Evaluation of an np Control Chart Under Truncated Life Test Using Quick Switching Sampling System	Transactions of the Institute of Measurement and Control	40(7)	3407-3414	Yes	1.579
21.	S. Balamurali, Jeyadurga, P Usha, M.	Optimal Design of Repetitive Group Sampling Plans for Weibull and Gamma Distributions with Applications and Comparison to the	Journal of Applied Statistics	45(14)	2499-2520	Yes	0.699

		Birnbaum-Saunders Distribution					
22.	P. Jeyadurga, Balamurali, S. Aslam, M.	Design of an Attribute np Control Chart for Process Monitoring Based on Repetitive Group Sampling Under Truncated Life Tests	Communications in Statistics-Theory and Methods	47(24)	5934-5955	Yes	0.353
23.	Samuel, B. R., Balamurali, S. Aslam, M.	Designing of Repetitive Group Sampling Plan under Truncated Life Test Based on Generalized Inverted Exponential Distribution	Journal of Statistics and Management Systems	21(6)	955-970	Yes	-
24.	S. Balamurali	Determination of a New Sampling System Based on Exponentially Weighted Moving Average	Sequential Analysis	37(2)	158-173	Yes	0.441
25.	S. Balamurali, Jeyadurga, P. Usha, M.	Determination of Optimal Quick Switching System with Varying Sample Size for Assuring Mean Life under Weibull Distribution	Sequential Analysis	37(2)	222-234	Yes	0.441
26.	P. Jeyadurga, Usha, M. Balamurali, S.	Modified Chain Sampling Plan for Assuring Percentile Life under Weibull Distribution and Generalized Exponential Distribution	International Journal of Quality and Reliability Management	35(9)	1989-2005	Yes	-
27.	Sornalakshmi, M, Balamurali, S., Venkatesulu, M. Navaneethakrishnan, M.	TAR-IMF: Temporal Association Rule Mining and Improved Algorithm for Mining Frequent Elements	International Journal of Pure and Applied Mathematics	119(17)	1953-1970	Yes	-
28.	S. Balamurali, Jeyadurga, P.	An Attribute np Control Chart for Monitoring Mean Life using Multiple Deferred State Sampling Based on Truncated Life Test	International Journal of Reliability, Quality and Safety Engineering	26(1)	1950004 (18 Pages).	Yes	-

29.	S. Balamurali, M. Usha	Determination of an Efficient Variables Sampling System Based on the Taguchi Process Capability Index	Journal of the Operations Research Society	70(3)	420-432	Yes	-
30.	R. Kannan, K. Kavitha@Selvabrin dha	Political Views on Mario Vargas Llosa's Conversation in the Cathedral	Literary Endeavour (UGC Approved Journal No.44728)	10(1)	0976-299X	No	-
31.	Chandrasekar T, Jawahar Rani	The Influence of Career Development Through E-Learning on Quality of Work Life To Ensure The Job Satisfaction of Employee Working In Automobile Industries, Chennai	The Online Journal of Distance Education and e-Learning, October 2018	6(4)	64/ISSN 2147-6454	Yes	-
32.	Chandrasekar T, Jawahar Rani	Career Development Practices Through Training, Continuing Education, And E-Learning And It's Impact on Quality of Worklife of Executives at Automobile Industries In Chennai City	The Online Journal of Distance Education and e-Learning, January 2019 Volume 7, Issue 1	7(1)	7	Yes	-
33.	G.Ramesh Pandi, S.B.InayathAhame dG.Rengarajan	Marketing Of Turmeric Through Regulated Markets: A Study In Erode District of Tamil Nadu	SurajPunj Journal For Multidisciplinary Research	9(3)	18-21	No	-
34.	B.S.Murugan, Mohamed Elhoseny , K. Shankar	Region-based scalable smart system for anomaly detection in pedestrian walkways	Computers and Electrical Engineering, Elsevier	75(1)	146-160 / 0045-7906	Yes	1.747
35.	S.Ramkumar, Xin Wan, Kezhong Zhang, S. Ramkumar, J. Deny, G. Emayavaramban, M. Siva Ramkumar Ahmed Faeq Hussein	A Review on Electroencephalogram Based Brain Computer Interface for Elderly Disabled	IEEE Access	7(1)	1-Aug	Yes	3.557

Conference Publications

S. No	Name of the Author(s)	Title of the Paper	Name of the Conference, Volume, Issue and Year of Publication
1.	S.ReginoldJebitta, J. Maria Mukkadan, Ida Liz Benny, R. Dhanusha	Micro Encapsulation of Spray Dried Tulasi Extract Infused Pineapple Powder/ International Conference on Advances in Nutrition and Food Safety (ICANFS-2019)	International Conference on Advances in Nutrition and Food Safety (ICANFS-2019); P.G. & Research Department of Nutrition And Dietetics Jamal Mohamed College, Avinashilingam ; Issue 1; September 24 - 25, 2019
2.	C. Sivapragasam, P.Saravanan, S.Balamurali, N.Muttil	Ascertaining Time Series Predictability in Process Control- Case Study on Rainfall Prediction	Proceedings of MATEC Web of Conference; Volume 203; 10 th January, 2019
3.	P.Devahi, Narmadha	Comparison of Langmuir and Freundlich isotherms for adsorption of cyanide by bio adsorbents	Recent Trends in Architecture & Civil Engineering towards Energy Efficient and Sustainable Architecture (NCACESD 2019); NIT, Trichy; 10 th January, 2019

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