



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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Internal
Quality
Assurance
Cell

January 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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The Certificate for Diploma in Yoga was presented to students in Kalasalingam Academy of Research and Education

Kalasalingam Academy of Research and Education offers one-year diploma in yoga for engineering students. Totally, three hundred students eagerly joined in this course. They received certificate for Diploma in Yoga on 31st January, 2019. The chief guest for this programme was Professor. S. Pratheeswaran, Annamalai University, Chidambaram.



Our Vice Chancellor Dr. Nagaraj, issuing yoga certificate to our students

Republic Day Celebration



70th Republic Day Celebration at Kalasalingam Academy of Research and Education, Prof. R. Nagaraj, Vice-Chancellor, KARE hoisted the national flag.

The teaching, non-teaching staff and students of KARE celebrated 70th Republic Day on 26th January, 2019 at 8:30 am.

The ceremony took place in the presence of Prof. R. Nagaraj, Vice Chancellor, Dr. V. Vasudevan, Registrar, Mr. Ilamaran, Finance Officer, Dr. B. Perumal, NSS-Coordinator and Dr. S. Blessy Selva Arasan, all Deans and Director of Kalasalingam Academy of Research and Education.

The ceremony commenced with the unfurling of the National Flag by our Vice-Chancellor Prof. R. Nagaraj. The programme moved forward with an incredible display of parade by the National Cadet Corps (NCC) cadets. Medals issued for special NCC Cadets and NSS students awarded those volunteers work tirelessly to mobilise relief materials and work for the smooth distribution of the collected materials in the affected area in close coordination with the District Administration.

National Service Schemes (NSS)

National Youth Parliament Festival (NYPF) 2019

Kalasalingam Academy of Research and Education organized “National Youth Parliament Festival (NYPF) 2019” on 27th January, 2019. The Resource Person for this programme was Mrs. M. Chandra Prabha, MLA, Srivilliputtur.



Mrs. M. Chandra Prabha,, MLA, Srivilliputtur lighting the lamp and inaugurated the function

Workshop Organized

Kalasalingam Academy of Research and Education has organized a workshop on "Research Methodology" on 24, 25 and 28 January, 2019. The resource person for this programme was Prof. N. Sundararajan, Sr. Prof.(Rtd), Department of EEE, Nanyang Technological University (NTU), Singapore and Adjunct Professor of our University.



Prof. N. Sundararajan, Sr. Prof.(Rtd), Department of EEE, Nanyang Technological University (NTU), Singapore, explaining Research Methodology

School of Agriculture and Processing Sciences (SoAPS)

Birth Anniversary of Mahatma Gandhi-Celebration

The School of Agricultural Science organized 150th birth anniversary of Mahatma Gandhi-Celebration on 5th January, 2019. The resource person for this programme were Mr. R. Natarajan, Education Officer and Mr. Devadas, Research Officer, Gandhi Memorial Museum, Madurai.



Chief guests: Mr. R. Natarajan, Education Officer and Mr. Devadas, Research Officer, Gandhi Memorial Museum, Madurai honored by Dr. G. Rajaraman, HoD, SoAPS, KARE

Guest Lecture Organized

The Department of Food Technology organized a guest lecture on “Post-Harvest Technology for Fruits and Vegetables” on 26th January, 2019. The resource person for this programme was Dr. R.Saravanakumar, Department of Textile Science and Design Community Science College and Research Institute, Madurai.



Dr. R.Saravanakumar from Department of Textile Science and Design Community Science College and Research Institute, Madurai, participating in the guest lecture

Students' Industrial Visits

The students of School of Agricultural Science visited Seed Testing Laboratory, T Stanes & Co Paddy Seed Processing Unit, Avaniyapuram, Madurai on 4th January, 2019.



Students with Seed Certification Officer Mr. Sakthi Ganesh at Paddy Seed Processing Unit, Avaniyapuram, Madurai

International Conference attended by Faculty Members

Dr. C. Ramarajan participated in the sixth International Conference on “Transformations in Engineering Education (ICTIEE-2019) on 7th and 8th January, 2019 at Malla Reddy Engineering College, Hyderabad.



Dr. C. Ramarajan, participating in international conference ICTIEE-2019 at Malla Reddy Engineering College, Hyderabad

School of Bio and Chemical Engineering (SBCE)

Workshop Organized

The Department of Biotechnology organized Indo-US Workshop on “Thermophilic Bioprocessing” from 1st and 2nd January, 2018. The resource persons for this programme were Dr. Rajesh Sani, Professor of Chemical and Biological Engineering and Applied Biological Sciences at South Dakota School of Mines & Technology (SDSMT), USA and Dr. N.R. Kamini, Principal Scientist, Head, Biochemistry & Biotechnology, CSIR-Central Leather Research Institute, Chennai. This workshop focused on fundamental and applied aspects of microbial and enzymatic processing which will take a lead role in developing novel integrated technologies for bioenergy generation.



Dr. Rajesh Sani from South Dakota School of Mines & Technology (SDSMT), USA, delivering a lecture about National Aeronautics and Space Administration (NASA): Extremophiles for space biology application



Dr. N.R. Kamini from CLRI, Chennai delivering a lecture about Biocatalysts for Eco-benign Processes

Awards and Recognitions

AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018

Ms. E. Dhivyaprabha, Ms. R. Priyanka Mahalakshmi and Ms. Swetha Saravanan – students of Chemical Engineering actively presented their project work entitled “Eco Friendly Sanitary Napkins” and they received the “Chhatra Vishwakarma Awards – 2018” from our honourable Vice President of India, Sri. Muppavarapu Venkaiah Naidu.



Prof. V. Aruna Janani participated as mentor in the “National Convention” of 2nd AICTE-ECI-ISTE “Chhatra Vishwakarma Awards – 2018” on 20th and 21st January, 2019 at All India Council for Technical Education (AICTE), Delhi. The project entitled “Eco Friendly Sanitary Napkins”, scored the first position by presenting an innovative solution under the theme of “Empowerment of Villages through Technologies”.



Newspaper article – The Hindu

School of Environmental and Construction Technology (SECT)

International Conference attended by Faculty Members

Dr. S. Vanitha and Prof. U. Yoganandhan participated in the sixth International Conference on “Transformations in Engineering Education (ICTIEE-2019) on 7th and 8th January, 2019 at Malla Reddy Engineering College, Hyderabad.

Faculty as Resource Person

Dr. C. Sivapragasam acted as a resource person in the sixth International Conference on “Transformations in Engineering Education (ICTIEE-2019) on 7th and 8th January, 2019 at Malla Reddy Engineering College, Hyderabad.

Dr. C. Sivapragasam acted as a resource person and delivered a guest lecture on “Applications of Water Resources Engineering Water Quality and its demand” on 18th January, 2019 at V.S.B Engineering College, Karur.

School of Electronics and Electrical Technology (SEET)

International Conference attended by Faculty Members

Dr. D. Devaraj, Dr. P. Sivakumar, Prof. R. Radeep Krishna and Prof. N. Bhuvaneshwary, participated in the sixth International Conference on “Transformations in Engineering Education (ICTIEE-2019) on 7th and 8th January, 2019 at Malla Reddy Engineering College, Hyderabad.

School of Computing (SoC)

International Conference attended by Faculty Members

Prof. M. Maragatharajan participated in the sixth International Conference on “Transformations in Engineering Education (ICTIEE-2019) on 10th and 11th January, 2019 at Chitkara University, Chandigarh.

Prof. R. Raja Subramanian and Prof. R. Sumathi participated in the workshop on “Effective Mentoring in NPTEL courses: Design and Analysis of Algorithm, Programming, Data Structures and Algorithms using Python” on 18th January, 2019 at Indian Institute of Technology, Madras.

Dr. S. Dhanasekaran, participated in the workshop on “AICTE Stakeholders” on 31st January, 2019 at AICTE, New Delhi.

School of Automotive and Mechanical Engineering (SAME)

International Conference attended by Faculty Members

Dr. S. Rajesh and Dr. C. Bennet participated in the Sixth International Conference on “Transformations in Engineering Education (ICTIEE-2019) on 7th and 8th January, 2019 at Malla Reddy Engineering College, Hyderabad.

Workshop attended by Faculty Members

Dr. M. Adam Khan participated in the workshop on “Inspiring Teaching Process” from 7th to 12th January, 2019 at IITGN Palaj Campus, Ahmadabad.

Faculty serving in academic bodies

Dr. S. Thirumalai Kumaran served as an editorial board member in the American Journal of Mechanical and Materials Engineering.

New Research Project Received

Dr. S. Thirumalai Kumaran received a project entitled “Corrosion studies on 316 SS B4C composite prepared by powder metallurgical route” from UGC Consortium for Scientific Research, New Delhi sanction dated on 26th December, 2018 amount ₹.10.71 Lakhs.

Students’ Achievements

Mr. C.M. Mukesh Vaidya received first rank in the IUCEE Scale Annual Student Conference, 2019 on the theme “Transforming Communities: Empowering Lives”, at CMR College of Engineering and Technology, Hyderabad from 3rd to 6th January, 2019.

School of Liberal Arts and Education (SLATE)

Chettinad Food Festival Organized

The Department of Catering Science & Hotel Management organized Non-Technical Symposium on “Chettinad Food Festival – “Aduppankarai” on 7th January, 2019. The chief guest for this programme was Dr. Rishi Franklin from Madurai Kamaraj University, Madurai. They gained knowledge about the theme setting of traditional chettinad food items with their preparation.



Dr. V. Vasudevan, Registrar, inaugurating the function

Extension Activity Organized

The Department of Visual Communication organized Extension Activity on “Contemporary Media Literacy” on 4th January, 2019 at Sivakasi Hindu Nadar Victoria Higher Secondary School S.H.N.V.H.S.S, Sivakasi. Prof. K. Abirami, acted as a resource person and our visual communication department students performed their cultural activities.



Prof. K. Abirami honored by Principal, S.H.N.V.H. <https://imagetopdf.com/S.S>, Sivakasi

Centre Exams Manages' Conference Meet

Dr.S.Suganthi participated in the Centre Exams Manages' Conference Meet on 8th January, 2019 at Cambridge Assessment English, Chennai.

Centre of Excellence

Innovation and Entrepreneurship Development Centre

Workshop Organized

The IEDC organized Entrepreneurship Awareness Camp for B.Sc Agriculture 2nd year students on 6th January, 2019. The resource person for this programme was Mr. A.R.A.Rajkumar, MSME Master Trainer, Virudhunagar. They create an awareness among students of Agriculture about entrepreneurship as an alternative career option and also to highlight the merits of pursuing such an option.

The IEDC organized Entrepreneurship Awareness Camp for SEET Final year students on 26th January, 2019. The resource person for this programme was Mr.K.R.Ganasambandan, Founder Chairman, MADITSSIA.

Sports

Our KARE Swimmers participated in “State level Swimming Competition” held at Virudhunagar Hindu Nadars' Senthikumara Nadar College (VHNSN) at Virudhunagar and secured medals and certificates. Our women team got overall championship in the competition on 19th January 2019.

Dr. G.T. Selvaganesh participated in the 21st “State Level Swimming Competition” was held on 19th January, 2019 at Thiru. J.K. Jagatheesan Memorial Swimming Pool, Virudhunagar Hindu Nadars' Senthikumara Nadar College (VHNSN) at Virudhunagar.

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.	C. Ramesh Babu, L. Prakash Subbu, R. Thangavel Raj, M. Shubham Sawant	Properties of geopolymers pervious concrete made with GGB	International Journal of Engineering and Technology(UAE)	2018 7(5)	693-695	No	-
2.	R.Kanniga Devi, G.Murugaboopathi	An efficient clustering and load balancing of distributed cloud data centers using graph theory	International Journal of Communication Systems	2019	1-17	YES	1.717
3.	Ristian Pardimin, Kamarul Shukri Mat Teh, Ahmad Fauzi, April Lia Hananto, Miftachul Huda, Muhamad Muslihudin, K. Shankar, Andino Maseleno	Decision Support System Model for Selection of Best Formula Milk for Toddlers Using Fuzzy Multiple Attribute Decision Making	Journal of Advanced Research in Dynamical and Control Systems	2018 10(Special Issue 2)	2075-2088/ 1943-023X	YES	-
4.	S. K. Lakshmanaprabu, K. Shankar, M. Ilayaraja, Abdul Wahid Nasir, V. Vijayakumar Naveen Chilamkurti	Random forest for big data classification in the internet of things using optimal features	International Journal of Machine Learning and Cybernetics, https://doi.org/10.1007/s13042-018-00916-z	2019	1-10	YES	2.692

5.	K. Shankar, SK. Lakshmanaprabu, Deepak Gupta, Ashish Khanna, Victor Hugo C. de Albuquerque	Adaptive Optimal Multi Key Based Encryption for Digital Image Security	Concurrency and Computation: Practice and Experience; https://doi.org/10.1002/cpe.5122 ; 1-11/ 1532-0634	2018	1-11	No	-
6.	K Selvaraj, A Chowdhury, T Panneerselvam, K Suthendran, C Bhattachjee, S Balasubramanian, S Murugesan, B Suraj,	Optimization of microwave- assisted extraction of bioactive polyphenolic compounds from Marsilea quadrifolia L. using RSM and ANFIS modelling	Indian Journal of Natural Products and Resources	2018 9(3)	204-221	YES	0.515

Conference Publications

S. No	Name of the Author(s)	Title of the Paper	Name of the Conference, Volume, Issue and Year of Publication
1.	A. Srividhya, K. Sumathi	Analysis of Student Dataset using Machine Learning Algorithms	International conference on emerging trends and challenges ICETC'2018; NPR college of arts and science, Natham, 31 st January, 2019
2.	P. Pandai Rajammal V. Kanmani	The Concept of self-realization in Toni Morrison's 'Sula'	International conference on 'Women in contemporary society : chances and challenges; Literary Endeavour; Standard Fireworks Rajaratnam College for Women, Sivakasi, 23 rd January, 2019
3.	C. Jothi S. Vinolya	Diversity of women in Khaled Hossini's a thousand splendid suns	International conference on "Women in contemporary society : chances and challenges; Literary endeavor Journal; Special Issue, Page 255-258; Standard Fireworks Rajaratnam College for Women, Sivakasi, 23 rd January, 2019
4.	M. Mareeswari	Gender solidarity as a solution to gender oppression in Jazz	International conference on "Women in contemporary society : chances and challenges; Literary endeavor Journal; Special Issue, Page129; Standard Fireworks Rajaratnam College for Women, Sivakasi, 23 rd January, 2019

Book Publications

S. No	Name of the Author(s)	Title of the Book/Book Chapter	Name of the Publishers/ Year of Publication
1.	G. Thamaraiselvi, T. Rajeswari	A Study of in What Ways Business Personality Inspire The Youth To Become An Entrepreneur	Entrepreneurship: A Model of social capital ISBN 978-81-909237-4-3; 2018, Andrew Sam Publications
2.	M.Muruganandam, G.Thamaraiselvi	A Study of triggers an attitude of Entrepreneurial among youth	Entrepreneurship: A Model of social capital ISBN 978-81-909237-4-3; 2018, Andrew Sam Publications
3.	P.Karthika, P.Vidhya Saraswathi	Digital Video Copy Detection Using Stegnography Frame based Fusion Techniques	Lecture Notes in Computational Vision and Biomechanics; SCAD Institute of Technology, Palladam, Coimabatore; Volume 30; Issue 1; pp 61-68/2212-9391
4.	P.K.Kavitha, P.Vidhya Saraswathi	Color Image Encryption:A new public key cryptosystem based on Polynomial equation	Lecture Notes in Computational Vision and Biomechanics; SCAD Institute of Technology, Palladam, Coimabatore; Volume 30; Issue 1; pp 69-78

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