



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

November, 2018

Internal Quality Assurance Cell

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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Kalasalingam School of Architecture (KSoA)

Workshop Organized

The School of Architecture organized a workshop on “Water Proofing and Damp Proofing” on 1st November, 2018. The resource persons for this programme were Mr. Muthu Karuppaswamy, Technical Manager and Mr. Fayas, Technical Assistant from Asian Paints Agents, Coimbatore.



Mr. Muthu Karuppaswamy, Technical Manager and Mr. Fayas from Asian Paints Agents, Coimbatore, delivering a lecture

School of Bio and Chemical Engineering (SBCE)

New Research Project Received

Dr. Naresh Kumar Sharma received a Project titled "Self-sustaining photo bio-catalytic reactors with concomitant biofuel harvesting from crepe cotton wastewater" from DST SERB TARE on 5th November, 2018. Total cost of this project is Rupees Fifteen Lakhs Only. (₹. 15,00,000/-).

School of Electronics and Electrical Technology (SEET)

International Certification Programme Organized

The Department of ECE organized an International Certification Programme on “VLSI, VHDL & PCB Design” on 2nd and 3rd November, 2018 for III Years/IV Years and Faculty. The resource person for this programme were Prof. G. Ramesh, Prof. K. Jeya Prakash, Dr. Charles Pravin, Prof. V. Karutharaja, Prof. P. Manikandan, Prof. P. Naveen & Prof. G. Karthy, Kalasalingam Academy of Research and Education, Krishnankoil.

Teachers in Service Programme Organized

The Department of EEE organized “Teachers in Service Program” on “Arduino Blink Challenge” on 1st and 2nd November, 2018. The resource person for this programme was Dr. D. Devaraj, Director, Academic, KARE. The Teacher In-Service Program (TISP) connects IEEE volunteers with pre-university educators and students.

Faculty as Resource Person

Dr. A. Muthukumar delivered a guest lecture during the two weeks FDP programme titled "EC8453- Linear Integrated Circuits" on 14th November, 2018 at Kalasalingam Institute of Technology, Krishnankoil.

Dr. J. Charles Pravin delivered a guest lecture on “Analog Multiplier and Hands on Training on Multisim” on 23rd November, 2018 at Kalasalingam Institute of Technology, Krishnankoil.

Dr. P. Aruna Jeyanthi delivered a guest lecture on “Microgrid Energy Management” on 15th November, 2018 at Asia Pacific University, Malaysia.



Dr. P. Aruna Jeyanthi honored by Professor, Asia Pacific University, Malaysia

School of Computing (SoC)

Faculty as Resource Person

Dr. S. Ramkumar acted as a session chair in the Conference on “Computational Vision and Bio Inspired Computing (ICCVBIC 2018)” at RVS Technical Campus during 29th and 30th November, 2018.

Dr. R. Kanniga Devi and Dr. K. Suthendran delivered a guest lecture on “Cyber Forensics and Device Forensics” on 29th November, 2018 at Annamalai University, Chidambaram.

Workshop attended by Faculty Members

Prof. A. Robert Singh and Dr. R. Ramalakshmi participated in a workshop on “Emerging Sensor Technologies and Data Analytics for Air Quality Monitoring” on 1st November, 2018 at Indian Institute of Technology, Delhi

Dr. G. Devika and Dr. K. Sumathi participated in TEQIP III Sponsored two days workshop on “Festival of Learning IoT and Cloud”, organized by the Department of Information Technology, Thiagarajar College of Engineering, Madurai.

Conference attended by Faculty Members

Prof. Jansi Rani participated in the 4th International Conference on “Nano-electronics, Circuits & Communication Systems (NCCS-2018)” on 3rd and 4th November, 2018 organized by IETE & ISVE at Advanced Regional Telecom Training Centre, Ranchi.



Prof. Jansi Rani participated in NCCS-2018 at Ranchi

Dr. R. Ramalakshmi presented the paper entitled “An Automated Irrigation System for Smart Agriculture Using the Internet of Things” in the 15th International Conference on “Control Automation, Robotics and Vision (ICARCV 2018)” at Nanyang Technological University, Singapore during 18th to 21st November, 2018.



Dr. R. Ramalakshmi, participating in International Conference at Nanyang Technological University, Singapore.

School of Automotive and Mechanical Engineering (SAME)

Conference attended by Faculty Members

Prof. P. Ramkumar participated in the National level conference on “Recent Trends in Mechanical Engineering and CFD Applications” on 2nd and 3rd November, 2018 at Annamalai University, Chidambaram.

Prof. G. Balamurugan participated in the Faculty Development Programme on “Pedagogy for Online and Blended Teaching Learning Process” on 24th and 25th November, 2018 at IIT, Bombay.

Research Discussion

Dr. M. Uthayakumar and Dr. S. Thirumalai Kumaran visited Combat Vehicles Research and Development Establishment, Chennai on 29th and 30th November, 2018.

Faculty as Resource Person

Dr. M. Adam Khan delivered a guest lecture on “Materials Processing and its Corrosion” on 15th November, 2018 at Coimbatore Institute of Technology, Coimbatore.

International Conference attended by Faculty Members

Prof. R. Maheshkumar participated in the 97th International Conference on “Recent Advances in Engineering Science & Technology” from 20th to 29th November, 2018 at Marri Laxman Reddy Institute of Technology and Management (MLRITM), Dundigal Quthbullapur (M), Hyderabad.

Kalasalingam Business School (KBS)

Guest Lecture Organized

The Department of Social Work organized a guest lecture on “Corporate Social Responsibility” on 12th November, 2018. The resource person for this programme was Mr. Edward Bosco, HR Consultant, Chennai.

Workshop Organized

The Department of MSW organized a workshop on “Participatory Rural Appraisal” from 31st October to 5th November, 2018. The resource person for this programme was Mr. Basil Varghese, Center for Tropical Bio Diversity, IRTC, Kerala.

The Department of Commerce organized One Day National Level workshop on “Plagiarism-free Report Writing” on 3rd November, 2018. The resource person for this programme was Dr. K. Kishore, Assistant Professor, Voorhees College, Vellore.

The Department of Commerce organized six days training programme on “Graphic Designer” from 30th October to 2nd November, 2018. The resource person for this programme was Mr. Bavithran, Software Trainer from SSI Education, Madurai.

Students’ Industrial Visits

The students of Department of Social work visited Amar Seva Sangam, Tenkasi on 10th November, 2018. Prof. P. Ramya coordinated the visit with the students.



Students of Department of Social work visiting Amar Seva Sangam, Tenkasi

The students of Department of Commerce visited Infosys, Chennai Campus from 20th to 29th November, 2018. Prof. A. Raja coordinated the visit with the students.

Community Living Camp Organized

The Department of Social Work organized “Community Living Camp” from 28th October to 5th November, 2018. Trainee learned how to make social mapping, fishbone, ven diagram, social auditing, and resource map in field.

Awards and Recognitions

Dr. V. Vasudevan acted as a member of the Governing Council of Anjali Ammal Mahalingam Engineering College, Tiruvarur District, Tamilnadu.

School of Advanced Sciences (SAS)

New Research Project Received

Dr. N. Nallamuthu received a Project titled "Investigation of Lithium Based Metal Oxides and CNT Based Nanocomposites for Lithium Ion Capacitor Applications" from DST SERB TARE on 5th November, 2018. Total Cost of this project is Rupees Fifteen Lakhs Only. (₹. 15,00,000/-).

Innovation and Entrepreneurship Development Centre (IEDC)

Dr. J. Deny- Coordinator/IEDC, Mrs. P. Priya /EEE, Mr. K. Vijayakumar and Dr. Inayath Ahamed / MBA have attended the FDP on “Entrepreneurship” from 12th to 24th of November 2018 at Centre of Entrepreneurship Development (Tamilnadu), Madurai.

Dr. J. Deny- Coordinator/IEDC has attended the EDII - Top Management Orientation Meet at Thiagarajar College of Engineering, Madurai on 19th November, 2018

Dr. J. Deny- Coordinator/IEDC attended the Institution Innovation Council inaugural function at AICTE, Delhi and also collects the MHRD approval certificate from Dr. M.P. Poonia, Vice Chairman, AICTE and Dr. Abhay Jere, Chief Innovation Officer, MHRD on 21st November, 2018.

Projects Received

KARE-IEDC got the two startup Nidhi Scheme projects from DST & EDII on 19/11/2018. The grant amount is Rs.10 Lakhs each.

Title of the Invention	Department	Student Team	Mentor
ECO friendly Manufacturing of Tiles from used PET Bottles	Mechanical	VB. Saravanan G. Ramkumar	Dr.I.Siva
Low cost Smart Cleaner for Solar Panels	EEE	G.P.Santhosh Ram M.Abubakkar Siddhik	Prof. K.Vijayakumar

Funds Received

KARE-IEDC received ₹.4.20 Lakhs cash award for best contribution in IEDC, Startup Nidhi activities in 2017-18 on 28th November, 2018.

KARE-IEDC received ₹.7.50 Lakhs cash for continuation IEDC projects development on 29th November, 2018.

Research Publications**Journal Publications**

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
1.	S. Suresh Kumar, M. Uthayakumar, P. Parameswaran, T. K. Haneef, C. K. Mukhopadhyay, B. P. C. Rao	Performance monitoring of WEDM using online acoustic emission technique	Silicon, Volume 10, Issue 6; pp 2635-2642
2.	Hatim Gamseeled, R. Ramalakshmi	Traffic pattern-based load- balancing algorithm in software- defined network using distributed controllers	International Journal of Communication Systems
3.	N. Bhuvaneshwari, N. Priyadharsini, S. Sivakumar, K. Venkatachalam, V. Siva	Growth, vibrational, optical, thermal, magnetic and dielectric behavior of organo-metallic tetramethylammonium cadmium chloride crystal	Journal of Thermal Analysis and Calorimetry
4.	Deepak Gupta, Ashish Khanna, Lakshmanaprabu SK, Shankar K, Vasco Furtado, Joel J. P. C. Rodrigues	Efficient Artificial Fish Swarm Based Clustering Approach on Mobility Aware Energy- Efficient for MANET	Transactions on Emerging Telecommunications Technologies

Book Publications

S. No	Name of the Author(s)	Title of the Book/Book Chapter	Name of the Publishers/ Year of Publication
1.	T. Theivasanthi	Environmental Nanotechnology	Springer nature, Chapter 8, Volume 2, pp 213-254, ISBN 978-3-319- 98708-8

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