



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

May, 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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School of Bio and Chemical Engineering (SBCE)

Awards and Recognition

Prof. P. K. Balakumar was awarded as “Best Placement Coordinator” for the academic year 2017-18 on 18th May 2018 by Kalasalingam Academy of Research and Education, Krishnankoil.

Faculty Development Programme Organized

Prof. T. G. U. Upeksha and Dr. K. K. Vasumathi participated in the Faculty Development Programme on “Pedagogy for Online and Blended Teaching - Learning Process” from 25th to 27th May, 2018 organized by Indian Institute of Technology, Bombay.

Dr. S. Ram Kumar Pandian participated in Faculty Development Programme on “Behavior remodeling for enhancing class room delivery of teachers” from 21st May to 26th May, 2018 organized by Indian Institute of Technology, Guwahati.

New Research Project Received

Dr. A. Muthukumaran has received a project entitled “A smart Alginate-Pectin-Selenium nanoparticle scaffold and its application in cardiac tissue engineering” on 8th May 2018 from Science and Engineering Research Board, New Delhi. Total cost of this project work is ₹. 7,50,000/- (Rupees seven lakhs fifty thousand).

Dr. Sankarganesh Arunachalam has received a project entitled “Unravelling the Physiological Mechanism of Heartfulness Meditation-mediated Benefits on Cardiovascular Risk” on 10th May, 2018 from Ministry of Science and Technology, New Delhi. Total cost of this project is ₹. 40,00,000/- (Rupees forty lakhs only).

School of Environmental and Construction Technology (SECT)

Faculty as Resource Person

Dr. T.R. Neelakantan acted as a resource person and delivered a keynote lecture on “River Water Sharing and Sustainability” on 12th May, 2018 organized by Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.

School of Automotive and Mechanical Engineering (SAME)

Conference attended by Faculty Members

Dr. S. Bathrinath and Dr. M. Uthayakaumr participated and presented a paper titled “The Adverse human health effects due to ammonia, Hydrogen sulphide and chlorine in process industries a survey” in the International conference on Automobile, Marine & Mechanical Engineering–ICAMME 2018” organized by Sri Venkateswara College of Engineering, Pennalur on 4th and 5th May, 2018.

Patent Filed

Dr. I. Siva, Mr. V.B. Saravanan and Mr. G. Ramkumar filed a patent entitled “Floor Tiles Through Pet Bottle” on 21st May, 2018.

Mr. B. Vignesh, Mr. V. Gunamani and Mr. N. Prasanarajan filed a patent entitled “Modified Double Lobe Cam Shaft” on 9th May, 2018.

School of Electronics and Electrical Technology (SEET)

Workshop attended by Faculty Members

Prof. J. Kohila and Prof. M. Krishna Paramathma participated in the workshop on “Smart Grid and Micro Grid System—Research Issues” on 4th and 5th May, 2018 organized by Mepco Schlenk Engineering College, Sivakasi.

Prof. P. Naveen and Prof. G. Karthy participated in the short term course on “Opportunities and Challenges in IoT (Use Cases and Security Issues)” organized by the Department of CSE, Coimbatore Institute of Technology, Coimbatore from 7th to 13th May, 2018.

Faculty serving in academic bodies

Dr. A. Muthukumar served as an external member of the Doctoral Review Committee meeting on 9th May 2018 organized by KLN College of Information and Technology, Sivagangai.

Dr. G. Dhanabalan participated in the workshop on “CAD Tools with FPGA Boards” organized by the Department of ECE, Mepco Schlenk Engineering College, Sivakasi from 21st to 25th May, 2018.

Faculty Development Programme attended by Faculty Members

Prof. G. Ramesh participated in the Faculty Development Programme on “Global Business Foundation Skills” from 22nd to 30th May, 2018 organized by Infosys Limited at Mahindra World City, Kancheepuram.



Prof. G. Ramesh receiving certificate from Infosys Limited, Kancheepuram.

Awards and Recognition

Dr. A. Muthukumar conferred a special recognition as “Best Researcher” for the year 2018 from DK International Research Foundation, Perambalur on 27th May, 2018.



Dr. A. Muthukumar receiving awards from DKIRF, Chennai

Faculty Industrial Visits

Prof. P. Manikandan and Prof. C. Swedheetha visited ABB India Ltd, Bengaluru on 11th May 2018. In this visit they learnt about Manufacturing of power grids., drives, motors, etc.,

Prof. K. S. Dhanalakshmi visited Prasar Bharati, India's Public Service Broadcaster, All India Radio, Kodaikanal on 15th May 2018.

School of Computing (SoC)

Short term Course attended by Faculty Members

Dr. B. Ben Sujitha participated in the Short term Course on “Opportunities and Challenges in IoT (Use Cases and Security Issues)” organized by the Department of CSE, Coimbatore Institute of Technology, Coimbatore from 7th to 13th May, 2018.



CSE Faculty Dr. B. Ben Sujitha participated in FDP in CIT, Coimbatore

Seminar attended by Faculty Members

Dr. M. Venkatesulu, Prof. S. Kartheeswaran, and Dr. M. Raja participated in seminar on “ICT sales-force academic summit” on 8th May, 2018 organized by ICTAcademy, Chennai.

Patent Filed

Mr. Prince Priyadharsan, Dr. S. Karkuzhali filed a patent entitled “Boom Barrier Substitute - A Route For Stuck Vehicles At Automated Level Crossing” on 10th May, 2018.

Dr. R. Ramalakshmi and Mr. G. Jebin Immanuel filed a patent entitled “Smart Helmet” on 9th May, 2018.

School of Advanced Sciences (SAS)

Certification/Training Programme attended by Faculty Members

Dr. A. Ramesh Babu participated in the instructional school for teachers on “Differential Equations” held at the Indian Institute of Space Science and Technology (IIST), Trivandram from 14th to 26th May, 2018.



Our Faculty Dr. A. Ramesh Babu participated in training programme at IIST, Trivandram

Faculty Development Programme attended by Faculty Members

Prof. G. Ammakannu participated in the Faculty Development Programme on “Global Business Foundation Skills” from 22nd to 30th May, 2018 organized by Infosys Limited at Mahindra World City, Chengalpet, Kancheepuram.

Kalasalingam Business School (KBS)

Faculty as Resource Person

Dr. R. Chandarsekhar acted as a resource person "Startup 360" - Boot Camp for Startup Founder from 2nd April to 3rd May, 2018 organized by PSG-Science & Technology Entrepreneurial Park (PSG-STEP), Coimbatore.



Dr. R. Chandarsekhar as a resource person for "Startup 360" at PSG-STEP, Coimbatore

Dr. R. Chandarsekhar acted as a resource person for the EDII sponsored Faculty Development programme on 7th May, 2018 organized by Entrepreneurship Development Institute of India (EDII), Ahmadabad and Model Engineering College, Kerala.

Dr. R. Chandarsekhar acted as a resource person and presented a guest lecture on "Creating High Performance Organizational culture" on 19th May, 2018 organized by Anvithatours2health Ltd, Cochin.

Dr. R. Chandarsekhar acted as a resource person and presented a guest lecture on "Decoding leadership and Marketing" in the 34th Annual Management convention 2018 organized by Palakkad Management Association, Palakkad on 22nd May, 2018.



Dr. R. Chandarsekhar participating in the 34th Annual Management convention 2018 @ Palakkad Management Association, Palakkad

Awards and Recognition

Dr. R. Chandarsekhar served as NAAC Reaccreditation member in the NAAC Reaccreditation Process—Third cycle exercise mock audit at Sree Saraswathi Thyagaraja College, Pollachi.

School of Liberal Arts and Education (SLATE)

Faculty as Resource Person

Prof. P. Arun Subash acted as a resource person and delivered an industrial lecture on "Film Making" in the Nizhal- Pathiyam Film Academy, Chennai on 10th May 2018.



Prof. P. Arun Subash delivering an industrial lecture @ Nizhal-Pathiyam Film Academy, Madurai

Journal Publications

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
1	Adam Khan, Gokul A K, Bharani Dharan M.P, Jeevakarthikeyan R.V.S, Uthayakumar M, Thirumalai Kumaran S, Duraiselvam M	Machinability of nickel based alloys using electrical discharge machining process	Materials Science and Engineering 346 (2018) 012044; Volume 346; pp 1-5 doi: 10.1088/1757-899X/346/1/012044
2	S.Thirumalai Kumaran, V. Arumuga Prabu, M.Uthayakumar, V.Manikandan	Influence of redmud particle hybridization in banana/sisal and sisal/glass composites	Particulate Science and Technology, 2018, VOL. 36, NO. 4, 402–407 http://dx.doi.org/10.1080/02726351.2016.1267284
3	S. Gowthaman , A.P. Sathiyagnanam	Analysis the optimum inlet air temperature for controlling homogeneous charge compression ignition (HCCI) engine	Alexandria Engineering Journal (2017), Volume 11, Issue 8, pp 1110-0168
4	Pandi Selvam Raman, Shankar K, Ilayaraja M	Securing cluster based routing against cooperative black hole attack in mobile ad hoc network	International Journal of Engineering & Technology, Volume 7, Issue 1, pp 6-9 / 2227-524X.
5	S. Ramkumar, K. Sathesh Kumar, T. Dhiliphan Rajkumar, M. Ilayaraja, K. Shankar	A review-classification of electrooculogram based human computer interfaces	Biomedical Research, Volume 29, Issue 6, 1078-1084
6	K. Shankar, M. Ilayaraja, S. Ramkumar, K. Sathesh Kumar	Optimal Feature Selection for Chronic Kidney Disease Classification	International Conference on Applied Soft Computing Techniques - ICASCT'18
7	K. Shankar, Lakshmanaprabu SK, Ashish Khanna, Deepak Gupta, Joel J. P. C.Rodrigues, Plácido R. Pinheiro, Victor Hugo C. de Albuquerque	Effective Features to Classify Big Data using Social Internet of Things	IEEE Access,
8	Dr. B.Vanavil, S. Prakash, K. Rajeswari, P. Divya, M. Ferlin, C.T. Rajeshwari	Optimization and production of curdlan gum using Bacillus cereus PR3 isolated from rhizosphere of leguminous plant	Preparative Biochemistry & Biotechnology, Volume 48, Issue 5, pp 408-418

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
9	K.Sumathi, S.Kundhavai,	Reviewing the impact of Smartphone usage on academic performance among students of higher learning	International Journal of Pure and Applied Mathematics, Volume 118, Issue 8, 1-7/ISSN- 1311-8080
10	S.Kundhavai, K.Sumathi, Selvalakshmi	A Meta Analysis View on Suitability of its based solution when commercial viability of business is affected by disaster	International Journal of Pure and Applied Mathematics, Volume 118, Issue 8, ISSN-1311-8080
11	P. Lakshmanan, Eun-Duck Park	Preferential CO Oxidation in H ₂ over Au/La ₂ O ₃ /Al ₂ O ₃ Catalysts: The Effect of the Catalyst Reduction Method	Catalysts, 2018, Volume 8, Issue 8
12	P. Rameshkumar, Norazriena Yusoff, An'amt Mohamed Noor, Nay Ming Huang	Amperometric determination of L-cysteine using a glassy carbon electrode modified with palladium nanoparticles grown on reduced graphene oxide in a Nafion matrix	Microchimica Acta, 2018, https://doi.org/10.1007/s00604-018-2782-x
13	Kesavan Stalindurai, Ayyanar Karuppasamy, Jia-De Peng, Kuo-Chuan Ho, Chennan Ramalingan	Azafluorene Ornamented Thiazine Based Novel Fused Heterocyclic Organic Dyes for Competent Molecular Photovoltaics	Electrochimica Acta, 20 August 2017, Volume 246
14	K.Prakash, P. SenthilKumar, P.Latha, K.Stalin Durai, R.Shanmugam S.Karuthapandian	Dry synthesis of water lily flower like SrO ₂ /g-C ₃ N ₄ nanohybrids for the visible light induced superior photocatalytic activity	Materials Research Bulletin, Sep 2017, Volume 93
15	Ayyanar Karuppasamy, Kesavan Stalindurai, Jia-De Peng, Kuo-Chuan Ho, Chennan Ramalingan	Organic dyes festooned with fluorene and fused thiazine for efficient dye-sensitized solar cells	Electrochimica Acta, 1 April 2018, Volume 268
16	E.R.Nagarajan, P. Sivaranjana, N.Rajini, A.Varada rajulu	Green Synthesis of Copper-Reinforced Cellulose Nanocomposites for Packaging Applications	Bionanocomposites for Packaging Applications, Chapter 9
17	E.R. Nagarajan, P. Sivaranjana, N. Rajini, M. Jawaid , A. Varada Rajulu	Formulation and Characterization of in situ Generated Copper Nanoparticles Reinforced Cellulose Composite Films for Potential Antimicrobial Applications	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, 2018

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
18	E.R. Nagarajan, E. Sathiyaraj, M. Venkatesh Perumal, C. Ramalingan	Functionalized zinc(II) dithiocarbamate complexes: Synthesis, spectral and molecular structures of bis(N-cyclopropyl-N-4-methoxybenzylidithiocarbamato-S, S') zinc(II) and (2, 2'-bipyridine)bis(N-cyclopropyl-N-4-methoxybenzylidithiocarbamato-S, S') zinc(II)	Journal of Saudi Chemical Society, 2017
19	E.R.Nagarajan, V.Parameswaran, N.Nallamuthu, P.Devendran, A.Manikandan	Assimilation of NH ₄ Br in PVA/PVP Polymer Blend-based Electrolyte and its Effect on Ionic Conductivity	Journal of Nanoscience and Nanotechnology, 2017, Volume 17
20	E.R. Nagarajan, M. Velayutham Pillai, K. Rajeswari, C. Udhaya Kumar, K. Gokula Krishnan, S. Mahendran, C. Ramalingan, T. Vidhyasagar	Stereoselective Synthesis and Spectral Studies of Some Benzotriazolylacetyl Hydrazones of 3-alkyl-2, 6-diarylpiperidin-4-ones	Journal of Molecular Structure, 2017, Volume 1150
21	E. R. Nagarajan, Gejo George, Kuruvilla Joseph	Jute Yarn as Reinforcement for Polypropylene based Commingled Eco-Composites: Effect of Fibre Content and Chemical Modifications on Accelerated Ageing and Tear Properties	Fibers and Polymers, 2017, Volume 18
22	E. R. Nagarajan, Gejo George, Kuruvilla Joseph, A. Saritha	Influence of Fiber Content and Chemical Modifications on the Transport Properties of PP/Jute Commingled Biocomposites	Polymer Composites, 2017
23	E.R. Nagarajan, P. Sivaranjana, N. Rajini, M. Jawaid, A. Varada Rajulu	Cellulose Nanocomposite Films with in situ Generated Silver Nanoparticles using Cassia Alata Leaf Extract as a Reducing Agent	International Journal of Biological Macromolecules, 2017, Volume 99
24	E. R. Nagarajan, V. Parameswaran	Antibacterial Activity and Conductivity Studies of CoS Nanoparticles Incorporated in PVA/PVP/NH ₄ Br Electrolyte, Journal of Nanoscience and Nanotechnology	Journal of Nanoscience and Nanotechnology, 2017, Volume 18

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
25	E.R. Nagarajan, C.A. Arockiaraj	Assesment of Physics-Chemical Characteristics of Polluted Water Samples and Evaluation of Wqi Values from Industries Effluent in Tiruchirapalli, India	International Journal of Chemical Sciences and Research, 2017, Volume 7
26	C.R. Suribabu , T.R. Neelakantan, P. Sivakumar	Discussion of “New Pressure-Driven Approach for Modeling Water Distribution Networks”	Journal of Water Resources Planning and Management, Volume - 144 Issue-6
27	C.R. Suribabu , T.R. Neelakantan	Discussion of “Optimizing the Cross-Sectional Area of the Break Pressure Tanks”	J. Pipeline Syst. Eng. Pract., Volume -9 Issue-2
28	N.Sureshkumar, Dr. C Ramesh Babu, Himanshu kumar	A Review on Shear Behavior and Durability Aspect of Hybrid Fiber Reinforced Concrete	International Journal of Innovative Science and Research Technology, Volume -2 Issue -11
29	B.Jeyanthi	Design of flexible pavement using industrial waste	International journal of Innovative Science and Research Technology, Volume -3 Issue -4
30	B.Nirmal Kumar, U.Yoganandhan , P.L.Meyyappan	A Comparative Study Of Factors Affecting Labour Productivity In Southern Tamilnadu State Construction	International Conference on Sustainable technologies in building and environment, Volume -- Issue --
31	Yoganandhan.U , D.Srividya	Application of Its In Parking Management for Madurai City	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume -5 Issue- X
32	B. NirmalKumar , U.Yoganandhan, P.L.Meyyappan	Improve The Factors Affecting Labour Productivity In Indian Construction Industry	International Journal of Engineering Sciences & Research Technology, Volume - 7, Issue-4

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
33	S.Kartheeswaran, G Muneeswaran, M.Pandiaraj, S.Kartheeswaran, M.Sankaralingam, K.Muthukumar C.Karunakaran	Molecular dynamics simulation approach to explore atomistic molecular mechanism of peroxidase activity of apoptotic cytochrome c mutants	Informatics in Medicine Unlocked, Volume 11, Issue 11, pp 51-60,
34	S.Karkuzhali, PB.Muthupalanivel, S.Karkuzhali	Automated Enterprise Resource Planning Using Total Production Control System	International Journal of Applied Engineering Research, Volume 13, Number 9 (2018), Issue 9, pp. 7142-7148
35	P.Priya, Suprabhat Bharti, Roshan Kumar, A.M. Parameswari, M. Elstin Prees, T.Arun Prasath, Mrs.P.Priya	Implementation of Solar based E-Jacket for Intense Weather Conditions	International Journal of Electronics, Electrical and Computational System IJEECS, Volume 7, Issue 4, pp 2348-117X
36	Baskar V, Aarthi N, Jeya Prakash K, Manikandan P, Sivakumar P	SMART CLASS FOR VISUALLY CHALLENGED PERSONS	International Journal Of Innovative Research In Management, Engineering And Technology, Vol. 3, Issue 3,,ISSN (Online): 2456-0448,2018
37	S. Diwakaran, B. Perumal, K. Vimala Devi	An intelligent data aware and energy censoring scheme for wireless sensor networks	Cluster Computing (The Journal of Networks, Software Tools and Applications),Print ISSN 1386-7857,1-8 (Online ISSN 1573-7543),2018
38	G.Arjun, K.Pandiaraj	Research on Agile Based Project Lifecycle Management system	International journal of Innovative Research in Management, engineering and Technology (IJIRMET),3,ISSN (Online) : 2456-0448,2018
39	Mr.S.Diwakaran, Mr.S.P.Velmrugan, Dr.Perumal, Ms.Carmalatta	An Energy Efficient Data Prediction Using Adaptive Step Size For Increasing Network Life Time In Wireless Sensor Networks	International Journal of Pure And Applied Mathematics,SPECIAL,1311-8080(printed version); ISSN : 1314-3395(Online version),2018

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
40	Baskar V, Aarthi N, Jeya Prakash K, Manikandan P, Sivakumar P	Smart Glass for Visually Challenged Person's	International Journal Of Innovative Research In Management, Engineering And Technology,3,58- 64/2456-0448/ IJIRMET160203009,2018
41	S. Diwakaran, B. Perumal , K. Vimala Devi	A cluster prediction model-based data collection for energy efficient wireless sensor network	The Journal of Supercomputing - Springer,258,2018 ,
42	R. Rohini, Jenyfal Sampson, P. Sivakumar	Comparison on 6T, 5T and 4T SRAM cell using 22nm technology	IEEE Explore,NA,978-1- 5090-4996-7,2017
43	M. Sakthi Mohan, G. Elizabeth Rani, B. Thevahi	Area, Power and Delay Analysis approach for Multipliers design of FIR Filter	International Journal of Pure and Applied Mathematics,Special Issue,Paper number : 12 / ISSN : 1314-3395,2018
44	S. Mohan	Pain And Strain of Transgenders	The Investigator - International Refreed Journal, Volume 4, Issue 1, 2018
45	C. Sangeetha	Mazhaisai kavithaigal	Sitredu- International journal, Issue 2, 2018
46	P. Pandia Rajammal	Expatriate Sensibility in Jhumpa Lahiri's The Namesake	Bodhi International Journal of Research in Humanities, Arts and Science, 2018,Volume 2, Issue 1
47	K.Gobi, B.Kannapiran, D.Devaraj	Design, Development and Performance Evaluation of ECDS Based Pressure Sensor with Target Temperature Compensation	Defence Science Journal, Volume 68, Issue 2
48	Sreram Balasubramanian, Subathra B, Seshadhri Srinivasan, Hamed Kebraei, Valentina Emilia Balas, Luigi Glielmo	Stochastic optimal controller design for medium access constrained networked control systems with unknown dynamics	Intelligent Decision Technologies, Volume 11, Issue 3,
49	N Muthukumar, Seshadhri Srinivasan, B Subathra, K Ramkumar, G Saravanakumar,	Path-planning in autonomous electric vehicle using nonlinear state estimation and behaviour- based controllers	International Journal of Vehicle Systems Modelling and Testing, Volume 12

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
50	S. Suresh Kumar, M. Uthayakuma, S. Thirumalai Kumara, P. Parameswaran, T. K. Haneef,, C. K. Mukhopadhyay, B. P. C. Rao	Performance Monitoring of WEDM Using Online Acoustic Emission Technique	Silicon,DOI: 10.1007/ s12633-018-9800-9
51	S. Udhaya Kumar, S. Sekar, S. Suresh Kumar, G. Velmurugan	Investigation of Tribological Characteristics of ZA 27 Alloy Under Various Lubrication Conditions	International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS),Volume VII,Issue III,pp 72-76, ISSN 2278-2540
52	R.Deepak Joel,V.Arumugaprabu, P.Amuthakkannan, K.ArunPrasath	Review on Biocomposites and Bioresin based Composites for Potential Industrial Applications	Review on Advanced Material Science,Volume 48,pp 112-121
53	S Suresh Kumar, G. Velmurugan S. Sekar	Woven Hemp and Glass Fibre Hybrid Composite - A comparative Study of Tensile and Shear properties with and without NaOH Treatment	Journal for advanced research in applied sciences,5,4,994-998, ISSN NO: 2394-8442
54	K. Senthilkumar, I. Siva Mohamed Thariq, N. Rajini Mohamad Jawaid Ahmad Hamdan	Static and Dynamic Properties of Sisal Fiber Polyester Composites – Effect of Interlaminar Fiber Orientation	Bioresources,Volume 12,4,7819
55	Sathish Kumar, Arun Kumar Navaneethkrishnan Siva Rajini	Synergy of cashew nut shell filler on tribological behaviors of natural-fiber-reinforced epoxy composite	Science and Engineering of Composite Materials, https://doi.org/10.1515/secm-2016-0243
56	Thirukumaran, I. Siva, JT. Winowlin Jappes, V. Manikandan	Forming and drilling of fiber metal laminates – A review	Journal of Reinforced Plastics and Composites,DOI: 10.1177/073168441877119 4

S. No	Name of the Author(s)	Paper Title	Name of the Journal Volume, Issue, Year of Publications, pp
57	M. Krishna Kumar, G. Parvathy, V. Muthulakshmi, K. Velsankar, A. Carolin Amala, S. Sudhahar	Synthesis, Growth, Spectral And Optical Properties of 2- Aminopyridinium P- Aminobenzoate Nonlinear Optical Single Crystal	International Journal of Advance Engineering and Research Development, Volume5,7, 2018
58	Subash C. B. Gopinath, Periasamy Anbu, M. K. Md Arshad Thangavel Lakshmi Priya Chun Hong Voon, Kannaiyan Pandian, Palaniyandi Velusamy, Suresh V. Chinni	Characterization of reduced graphene oxide obtained from vacuum assisted low-temperature exfoliated graphite	Microsystem Technologies, Springer, 2018
59	P. Devendran,, K. Seevakan, A. Manikandan, A. Shameem, T. Alagesan	Microwave combustion synthesis, magneto-optical and electrochemical properties of NiMoO ₄ nanoparticles for supercapacitor application	Ceramics International, https://doi.org/10.1016/ j.ceramint.2018.04.235 , 2018
60	N. Nallamuthu, V. Parameswaran, P. Devendran, A. Manikandan, E. R. Nagarajan	Assimilation of NH ₄ Br in Polyvinyl Alcohol/Poly(N-vinyl pyrrolidone) Polymer Blend- Based Electrolyte and Its Effect on Ionic Conductivity	Journal of nanoscience and nanotechnology, Volume18, Issue 6, 2018
61	Nallamuthu N, D. Vanitha, S. Asath bahadur, N. Nallamuthu, S. Athimoolam	Structural, thermal and electrical properties of polyvinyl alcohol/ poly(vinyl pyrrolidone) - sodium nitrate solid polymer blend electrolyte.	Ionics, Volume24, Issue 1, 2017
62	N. Nallamuthu, P. Devendran, V. Siva, K. S. Venkatesh, A. Manikandan, S. Asath Bahadur	Dielectric Investigation of NaLiS Nanoparticles Loaded on Alginate Polymer Matrix Synthesized by Single Pot Microwave Irradiation	Journal of Inorganic and organometallic polymers and materials, Volume28, Issue 3, 2017
63	Theivasanthi, Joshua Adeleke	Photocatalytic Degradation of Methylene Blue by ZnO/NiFe ₂ O ₄ Nanoparticles	Applied Surface Science, Elsevier, 2018

Conference Publications

S. No	Name of the Author (s)	Title of the Paper	Name of the Conference, Volume, Issue and Year of Publication
1	K. Shankar, M. Ilayaraja, S. Ramkumar, K. Sathesh Kumar	Optimal Feature Selection for Chronic Kidney Disease Classification	International Conference on Applied Soft Computing Techniques - ICAS-CT'18, March, 2018, Kalasalingam Academy of Research and Education, Krishnankoil, Virudhunagar.
2	R.Selvakumar	Women Entrepreneurs - The Emerging Economic Force	Women Entrepreneurship In Comprehensive Environment - A Paradigm Shift In Indian Context; Feb, 2018, VVV College For Women, Virudhunagar.
3	U.Yoganandhan P.L.Meyyappan	A Comparative Study of Factors Affecting Labour Productivity In Southern Tamilnadu State Construction	International Conference on Sustainable technologies in building and environment, Sathyabama Deemed to be University, Jan 2018.
4	Hariharasitaraman.S, Balakannan.SP	On fractal way of checking data storage integrity in cloud storage	IEEE XPLORE-DIGITAL LIBRARY, 2017 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS), Vol.1, issue 1,
5	K. Sivapriya, K.Kartheeban	Design And Development of Security Algorithm for Data Storage in Multicloud Environment	2017 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT TECHNIQUES IN CONTROL, OPTIMIZATION AND SIGNAL PROCESSING, Department of EEE, KARE, -, -,
6	K.Kartheeban, A.DuraiMurugan	Privacy Preserving Data Storage Technique in Cloud Computing	2017 IEEE International Conference on Intelligent Techniques in Control, Optimization & Signal Processing, Mar. 23 – 25, 2017, Srivilliputtur, INDIA, Department of EEE, KARE
7	Dr.S.Dhanasekaran, R.Sweda Preethy V.Sundari	A Smart Attendance Automation and Monitoring System Using Enhanced Facial Recognition Techniques	International Conference on Applied Soft Computing Techniques (ICASCT-18), Department of Computer Applications KARE, 2, 2,
8	S.Arumugaselvam, Mukesh, R.Sumathi	energy Calculation for Gentyre Riezoelectric crystal	NCDCCSIT 18, CSE, KARE, March 2018
9	Chandru, Balakumaran, R.Sumathi	Online Blood bank management	NCDCCSIT 18, CSE, KARE, March 2018
10	S. Dhanasekaran, Manojkumar.P, Harishkumar.Y, Harikrishna Reddy.D	MAHAHA Smart System for Enforcing Home Security	National Conference on Data Computing, Communication, Security and Internet of Things (NCDCCSIT-18), Department of Computer Science and Engineering, Kalasalingam Academy of Research and Edu-

S. No	Name of the Author(s)	Title of the Paper	Name of the Conference, Volume, Issue and Year of Publication.
11	J.Nithya, A. Muthukumar, S.Preethi	Survey on Semi blind Channel Estimation Doubly Dispersive on Wireless Communication	Two- days National Level Technical Seminar on Network Security-Feb 2 & 3, 2018 Sponsored by The Institution of Engineers (India),ECE Dept, Kalasalingam University, Volumen 1, Issue 1, pp 16-20, Feb 2018.
12	Dr. P. Pandia Rajammal	Problems of Cultural Translation	Translation: An art of Examining Cultural Proximity and Political Transmission across Boundaries, Sri S Ramasamy Naidu Memorial College In Collaboration With Sahitya Akademy, 1 - Proceedings, 1, 35/ ISBN: 9789387102842, Feb 2018
13	Dr. M. Krishna Kumar, R. Ranjithkumar, A. Murugan, N. Nallamuthu, P. Devendaran	Synthesis and Characterization of MnO nanoparticles coated single wall CNT nanocomposites by solvothermal method.	National Seminar on Technologically Important Crystalline and Amorphous Solids - 2018, Kalasalingam University - Physics Department, March 2018.
14	Mr. DIWAKARAN, Ms. CARMALATHA, Dr. B. PERUMAL	An Energy Efficient Data Prediction Using Adaptive Step Size For Increasing Network Life Time In Wireless Sensor Networks	Advances In Computer Science, Engineering And Technology, Department Of Computer Science And Information Technology, KARE, Jan 2018.
15	V. Baby Shalini, Dr. V. Vasudevan	Network Lifetime Maximization based on Initial Energy in Wireless Sensor Networks	International conference on Inventive Computing systems and applications, Inventive Research Organization, Thailand, April 2018.
16	M. Manisha, K.S. Dhanalakshmi	Effective DoS Intrusion Detection System using NSL - KDD	IEEE Sponsored 2nd International Conference on Computing Methodologies and Communication (ICCMC 2018), Dept of EEE, Surya Engineering, Dept of EEE, Surya Engineering College, Erode, India, Feb 2018.

Book Publications

S. No	Name of the Author(s)	Title of the Book Chapter	Name of the Publishers/ Year of Publication
1	S.Rajkumar	S.Rajkumar	Emerging Trends in English Language Teaching and Literature, Volume 1,pp-91-101, Green Shine Publisher, Madurai, 2018
2	Nesarani Abraham, Ramalakshmi Ramar, Jayalakshmi Ramachandran	Nesarani Abraham, Ramalakshmi Ramar, Jayalakshmi Ramachandran	Advances in Intelligent Systems and Computing book series, Volume 668, pp 121-132, 2018

Offer Letter Distribution Function

Our University organized “Offer Letter Distribution Function” during 18th May, 2018. The Chief Guests for the function are Dr. Santhya Chintala, Executive Director & VP, NASSCOM; Mr. V. Udhaya Sankar, Regional Lead South Sector, Skill Council, NASSCOM, Chennai; Mr. Rajesh Padmanabhan, Director, NFN Labs Chennai, Ms. Priyadharshini Bharath, Global HR Director, Software Private Limited, Chennai; Mr. Gopal Garg, Co-Founder - COO, Youth4jobs Foundation, Hyderabad; Mr. K.N. Anand, Group Director - HR Mobius Knowledge Services, Chennai and Ms. Susan Leonard, Senior HR Manager, Orange Scape Technologies, Chennai.

Along with all the chief guests Vice President Dr. S. Shasi Anand released the offer letter book for the year 2018. The offer letter book contains 1503 offer letters for the students placed in various MNC’s like Infosys, Think & Learn, Extra Marks, Code Mantra, Infoview, Wipro, Ernst &Young, TCS etc.,

In addition the highlights of function is the graduation ceremony for the students of graduated from Karna Vida Foundation with the support of Kalasalingam Academy of Research and Education received their degree certificates.

Also, the department placement coordinators who have produced more than 95% of placements in their concerned department were honored for their untiring efforts in placement activities.

Finally, the Vice Chancellor Dr. S. Saravana Sankar deliver the vote of thanks for making the event a grand success. He also thanked all the parents for being a part of this grand event.



Mr. V. Udhaya Sankar, Regional Lead South Sector, Skill Council, NASSCOM, Chennai *Chief guest honored by Dr. S. Shasi Anand, Vice President, KARE*



Dr. Santhya Chintala, Executive Director & VP, NASSCOM distributing offer letter to our students

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