



QUARTERLY NEWSLETTER IV (OCT 2020 – DEC 2020)



**KALASALINGAM
ACADEMY OF
RESEARCH AND
EDUCATION**
(Deemed to be University)

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1. GENERAL

PARTICIPATION IN RANKING AND ACCREDITATIONS

- CII SURVEY 2020 Phase 3 Portal submitted on 10.10.2020.
- Our Institution has been ranked 2nd among the Indian Universities and 168th global level in UI GreenMetric World University Rankings.
- The Impact Ranking 2021 Portal submitted on 10.12.2020
- NIRF 2021 Registered for the following categories:
 - Overall
 - Engineering
 - Research Institution



2. ACADEMICS

FACULTY DEVELOPMENT PROGRAMS ORGANIZED

No.	School / Office	Title	Date(s)	No. of Participants
1.	School of Advanced Sciences (SAS)	A Virtual Faculty Training Programme on "Classification using R Software"	08.10.2020 - 09.10.2020	24
2.	School of Advanced Sciences (SAS)	One Day Faculty Training Program of national level "Software Enrichment Programme"	07.10.2020	36
3.	School of Computing(SOC)	IBM T3 FDP on Machine Learning	18.12.2020 - 23.12.2020	28
4.	School of Computing(SOC)	Data Warehousing & Multidimensional Modelling	22.12.2020 - 27.12.2020	19
5.	School of Computing(SOC)	FDP on "Wireless Sensor Networks (WSN) & IOT Standards"	22.12.2020 - 27.12.2020	12
6.	School of Electronics and Electrical Technology (SEET)	Artificial Intelligence and Deep learning	31.12.2020 - 07.01.2021	85
7.	School of Computing(SOC)	Five Days Faculty Development Program on IT Application Security	11.12.2020, 12.12.2020, 28.01.2021 - 30.01.2021	28

PARTICIPATIONS OF FACULTY MEMBERS IN CONFERENCES, SEMINARS, WORKSHOPS

No	Department	Participants
1.	Agriculture	12
2.	Architecture	8
3.	English	45
4.	Computer Applications	23
5.	Computer Science and Engineering	32
6.	Electronics and Communication Engineering	33
7.	Electrical and Electronics Engineering	47

3. STUDENT SUPPORT AND PROGRESSION

PARTICIPATIONS OF STUDENTS IN WORKSHOP / SYMPOSIUM / SEMINAR

No	Department	Program Name	Date	Student Name	Student Register Number
1	Electronics Communication Engineering	YuReCa 2k19	19.10.2020	M Jegatheswaran	9518005301
2	Electronics Communication Engineering	IIC sponsored National Level Project Expo 2K,	2.12.2020	Manjusha Reddy	9917005011
3	Electronics Communication Engineering	Industrial Psychology	21.11.2020	Kamisetty.siva	9919005099

INTERNSHIP

No	Department	Internship Type	Date	No of Students	Company Name
1.	Business Administration	Industry Projects	23.12.2020	1	Arun Spinning Mills, K. Thottiyapatti, Rajapalayam
2.	Business Administration	Industry Projects	30.12.2020	1	Vishal Precision Products Pvt Ltd, Peelamedu, Coimbatore.
3.	Computer Applications	Field projects (CSP projects & industry projects)	06.10.2020	1	Appin Technology Lab, Ram Nagar, Coimbatore.
4.	Computer Science and Engineering	Field visit (FIP, IPT & Industry Visit)	03.12.2020 to 25.12.2020	4	SmartX Connected Products Pvt. Ltd, University of Madras, Chennai.
5.	Computer Science and Engineering	Field visit (FIP, IPT & Industry Visit)	02.12.2020 to 18.12.2020	1	Web Walk Infosys, SS Colony, Madurai.
6.	Computer Science & Information Technology	Field visit (FIP, IPT & Industry Visit)	18.10.2020 to 19.10.2020	11	COGNIZ INFO TECH, Kochi and Spectrum Soft Tech Solutions (P) Ltd, Kochi.

ONLINE COURSES CLEARED, INTERNATIONAL CERTIFICATIONS OBTAINED BY STUDENTS

S. No	Name of the Schools	No. of Online courses Cleared (NPTEL, Course Era etc)
1.	School of Liberal Arts and Special Education (SLASE)	01
2.	School of Electronics And Electrical Technology	31
3.	School of Computing	62
4.	School of Bio And Chemical Engineering	13

ACTIVITIES OF NATIONAL SERVICE SCHEME & UNNAT BHARAT ABHIYAN

S. NO	Name of the Activity	Date(s)
1.	Gandhi Jayanthi Celebration	02.10.2020
2.	COVID 19 Awareness Program	08.10.2020
3.	National Unity Day Celebration	31.10.2020
4.	Innovative Ideas on Crop Cafeteria	01.11.2020 to 09.11.2020
5.	Vigilant India Prosperous India	02.11.2020

KALASALINGAM
Academy of Research and Education
(DEEMED TO BE UNIVERSITY)
Estd.U/S 3 of UGC Act 1956. Accredited by NAAC with "A" Grade
Anand Nagar, Krishnankoil - 626 126, Srivilliputtar (Via), Virudhunagar (Dt), Tamil Nadu | info@kalasalingam.ac.in | www.kalasalingam.ac.in

NATIONAL SERVICE SCHEME
Joint with
JCI SIVAKASI LION
Organized

GANDHI JAYANTHI CELEBRATION

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NATIONAL SERVICE SCHEME, UNNAT BHARAT ABHIYAN & JCI SIVAKASI LION
Jointly Organized

"GANDHI JAYANTHI CELEBRATION"
Webinar on
Evergreen Hero - Gandhi Ji

Chief Patrons
Dr. R. SUDHAKARAN
Dr. S. ARIVINAGI
Dr. S. BHASI ANAND
Mr. S. ARJUN KALASALINGAM

Patrons
Dr. R. NAGARAJ
Dr. V. VASUDEVAN
Dr. P. SIVAKUMAR
Dr. K. MURDAR
Dr. B. PERUMAL
Dr. A. MUTHUKUMARAN
Jc. Adv. M. N. RAGU
Dr. S. SHEER AMRAF
Jc. HOPE MURUGAI D. RAJAI

KEYNOTE SPEAKER
Jc. Adv. V. SUBACHINI, B.A., B.L.,
Advocate, Spl. Public Prosecutor &
JCI Zone Trainer

Date
02 OCTOBER
2020
Time 09:00 AM
Google Meet Link
<https://meet.google.com/brm-bhao-tbb>

Participants will get E-Certificate

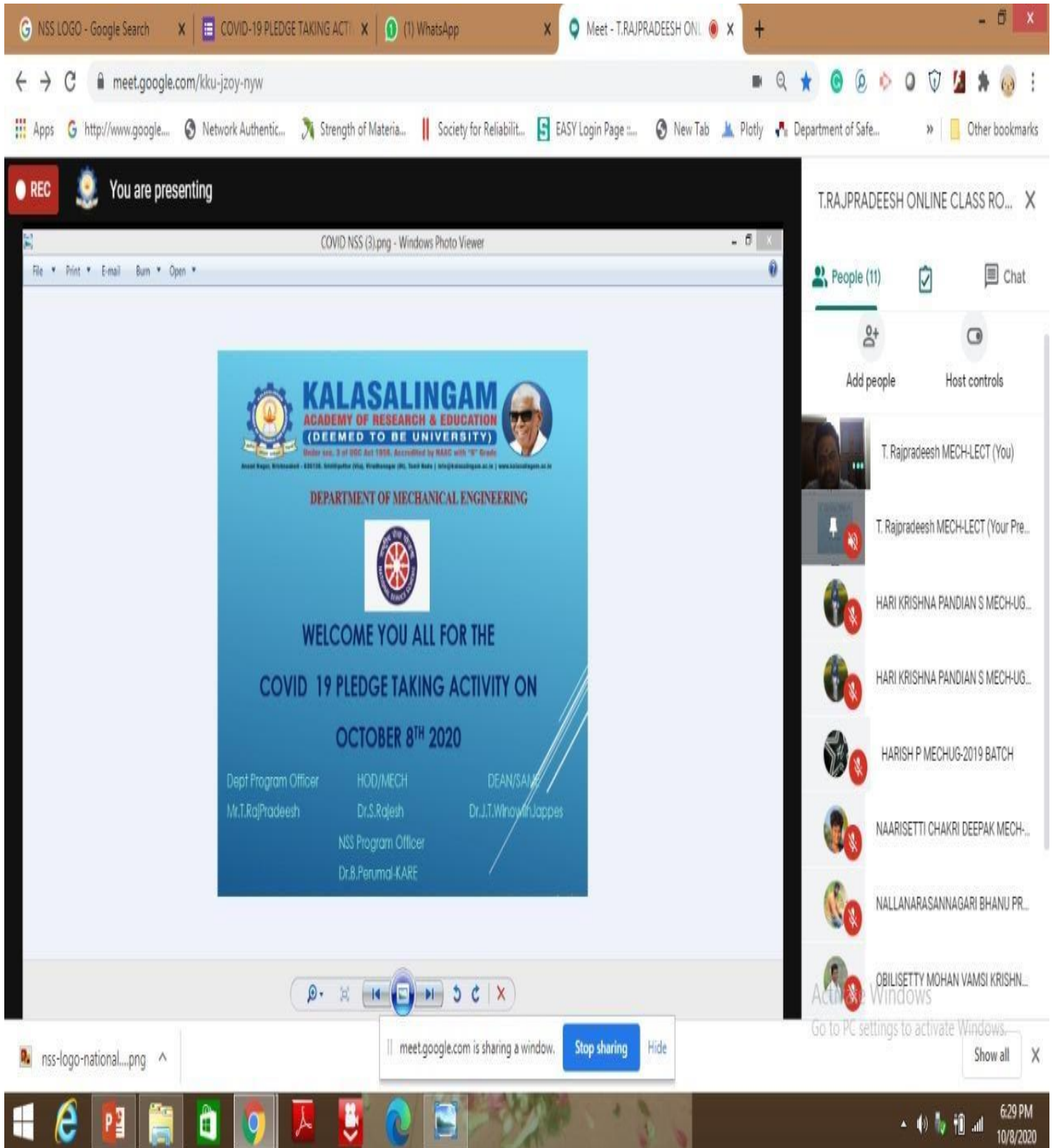
Zoom Meeting Screenshot: W, M, S

Zoom Meeting Screenshot: S, N, H, M, N, B, M, K

Zoom Meeting Screenshot: Mr. P. Priya BDO-STAFF, Wilson C, JERWIN J D INFUUG - 2019 BATCH

Zoom Meeting Screenshot: Participants list including AIRANACHALAM A BDOUG - 2019, VIKRANTH N BDOUG - 2019S, VIKRANTH S ODUG, VENKATESH S ODUG, VISHAL R S BDOUG - 2019B, VISHVA R BDOUG - 2019BA, VISHVA S BDOUG - 2019BA, Also in the meeting (146)

KARE Biotechnology in association with JCI Sivakasi Lions club was organized a webinar “Gandhi Jayanti Celebration” on 02.10.2020. On this occasion, Jc. Adv. V. Subachini, Advocate, Spl. Public Prosecutor and JCI Zone trainer delivered the lecture about Mahatma Gandhi’s Ideologies of Peace, Equality and Justice. Totally 100 students are participated in this webinar from various departments.



“COVID 19 awareness programme” was conducted through online mode in google meet on 08.10.2020 by Mechanical department with 14 students are participated in this programme.



KALASALINGAM

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Karas Road, Kottayam - 686126. Shivikayath (P.O), Vinnakoppa (P.O), Tamil Nadu | info@kalscollege.ac.in | www.kalscollege.ac.in



National Service Scheme

Not me But You

National Unity Day

31st October 2020



KARE National Service Scheme was organized "National Unity Day" programme on 31.10.2020. 48 NSS volunteers are participated in this event.

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ACADEMY OF RESEARCH AND EDUCATION
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National Service Scheme &
Kalasalingam School of Agriculture And Horticulture (KSAH)
Organizes
Poster Presentation Competition

Innovative Ideas on Crop Cafeteria

Resource Person

Event Coordinator

Free Registration!!!!

Dr. A. Nagaraja
Principal Scientist (Horticulture-Fruit Science),
Division of Fruits and Horticultural Technology,
ICAR - Indian Agricultural Research Institute,
Pusa Campus, New Delhi - 110012

Dr. R. Kannan
Assistant Professor,
NSS - Program Officer,
KSAH, KARE.

Participants Eligibility:-

B.Sc. (Hons.) Agriculture
B.Sc. (Hons.) Horticulture

Date :-
01.11.2020
(05.00 PM – 06.30 PM)

Mode of Event:-
Online (Google Meet)

Event Volunteer

Mr. J. Sivanantha
NSS Volunteer,
III – B.Sc. (Hons.) Agriculture
KSAH, KARE.

E – certificates will be provide for all active participants...

Registration Link:-
<https://forms.gle/EQ5A1B8YWPY3Mn3aA>

Meet - jfa-qfce-irc

meet.google.com/jfa-qfce-irc

Apps Gmail Classes WhatsApp Classes KARE SIS KARE SIS Quiz Pdf Tool

REC Anagha S is presenting SOLAI BHARATHI T AGRI ENGG-2019 BA... and 90 more 23101 4:54 PM You

File | C:/Users/user/Desktop/Poster%20Presentation%20-%2011/Vadivu%20Rajeswari.pdf

EXAMPLE: Soybean, sunflower, rice, maize, BAP, wheat, grams, barley, sugarcane, cotton, tobacco, coffee

Cash Crops and Food crops

MARK INVOLVED: Various crops such as soybean, sugarcane, quality of produce and quantity of crop, etc. are highly marketable in India.

STARTUP CAPITAL: Requires a lot of capital to start. More the capital, more chance for success.

POLICES: Policies have been set for the pricing and quality of cash crops. Check with the authorities.

LOW PRODUCTIVITY: A lot of emphasis has been set on crop productivity. More the crop, more the productivity.

You ALAGARAJ V HORTUG... Dr. R. Kannan AGRI-ST... Nagaraja Arumugam SHIVANI KRUPA JANA... NAVEEN PRASATH S R... VADIVU RAJESHWARI ... VAISHNAV M AGRICU... HARI KRISHNA S AGRI-UG-2017 ...

4:54 PM 09-11-2020

KARE National Service Scheme and Kalasalingam School of Agriculture and Horticulture jointly organized "Innovative Ideas on Crop Cafeteria" programme on 01.11.2020 and 09.11.2020. 200 NSS volunteers are participated in this event.

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NATIONAL SERVICE SCHEME & JCI SIVAKASI LION

Jointly Organizes
Webinar on
"Vigilant India Prosperous India"

Chief Patrons
Dr.K.SRIDHARAN
Chancellor - KARE
Dr.S.ARIVALAGI
Pro Chancellor - KARE
Dr.S.SHASI ANAND
Vice President - KARE
Mr.S.ARJUN KALASALINGAM
Vice President - KARE

Patrons
Dr.R.NAGARAJ
Vice Chancellor - KARE
Dr.V.VASUDEVAN
Registrar - KARE
Dr.P.SIVAKUMAR
Director - Students Affairs, KARE
Dr.D.DEVARAJ
Dean - SEET, KARE

Convenors
Dr.B.PERUMAL
NSS Coordinator, KARE
Dr.A.RAMKUMAR
HoD - EEE, KARE
Jc.Er.Minniyal.N.RAGU
President - JCI Sivakasi Tam

Coordinators
Mrs.P.PRIYA
NSS Program Officer, KARE
Jc.HGF.Minniyal.D.KALAI
Secretary - JCI Sivakasi Tam

KEYNOTE SPEAKER

Jc. Adv. Maha Bharathiraja,
BPT., PGDCAFS., MA(C&PA)., BL
Advocate &
JCI Zone Trainer

Date:
02 NOVEMBER
2020
Time: 03.00 P.M
Google Meet Id:
<https://meet.google.com/nnx-usnp-uda>

Participants will get E-Certificate

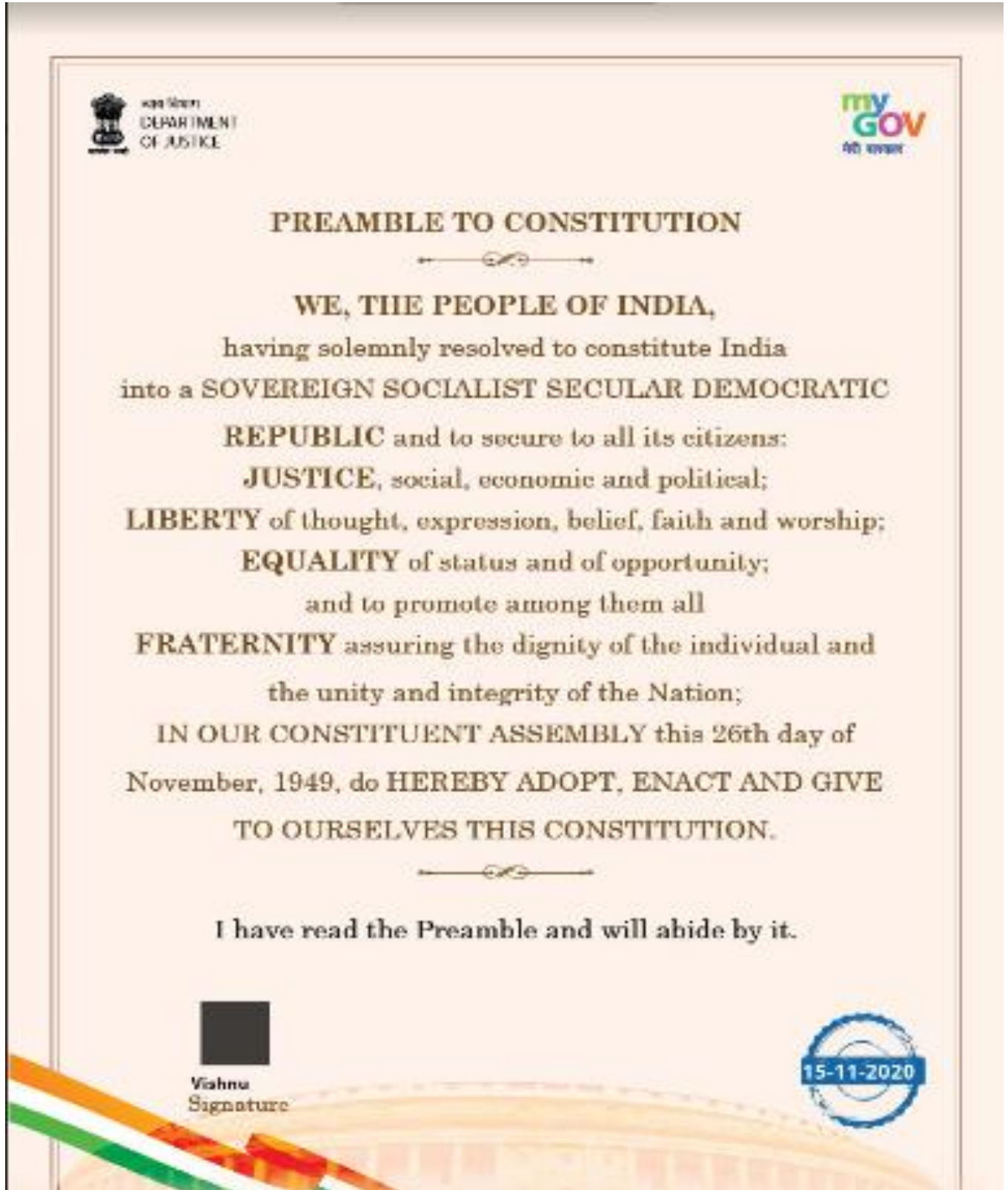
"Vigilant India Prosperous India" was conducted through online mode in google meet on 02.11.2020 with 100 NSS volunteers have participated in it.

ACTIVITIES OF NCC

S. NO	Name of the Activity	Date
1.	Vigilance Awareness	11.11.2020 & 12.11.2020
2.	Constitution Day	26.11.2020
3.	Cleaning Mission – <i>Swachhta Pakhwada</i>	12.11.2020
4.	Plastic waste management – <i>Swachhta Pakhwada</i>	12.11.2020



The vigilance awareness program was conducted through online mode in google meet on 11.11.2020 & 12.11.2020 with 44 NCC Cadets have participated in it.



Online activities related to constitution day celebration were conducted by NCC on 26.11.2020. Constitution theme-based video was uploaded in the social media, pledge was taken on constitution, poster presentation and essay competition were conducted.



SWACHH BHARATH ABHIYAN (Clean India Mission) the aim of the mission is to keep our surroundings neat and clean. 63 NCC Cadets of our KARE involved in cleaning the surroundings in cadet's locality on 12.11.2020.

The screenshot shows a Google Meet interface with a presentation slide titled "Pyrolysis Reaction". The slide content includes:

- Plastic waste** (represented by a pile of trash) + **Catalyst** (represented by a molecular structure) = $\left\{ \begin{array}{l} \text{- Energy} \\ \text{- Monomer} \\ \text{- Liquid fuel} \\ \text{- Organic compounds of low molecular weight} \end{array} \right.$
- A diagram showing a **Long-chain structure polymer plastic waste** (a long chain of green spheres) reacting with **heat + catalyst** to produce **Short-chain compounds hydrocarbon gas & carbon black** (shorter chains of green spheres).

The "Plastic waste management – Swachhta Pakhwada" seminar was organized on 12th Dec 2020 (Sunday) at 08.00pm. Lt. SKM. Pothinathan, Associate NCC Officer of Kalasalingam Academy of Research and Education, hosted the meeting. The resource person Mr. P. Velumani briefed about the impact of using single use plastic and what happens to plastics once it is thrown to open fields. He also explained the Environment (Protection) Act, 1986 (29 of 1986), the Government of India has notified the Plastic Waste Management Rules, 2016 to regulate the management of Plastic Waste.

ACTIVITIES OF PHYSICAL EDUCATION



Khelo India under the title of Fit India Movement conducted “Fit India Movement Cyclothon” from 07.12.2020 to 23.12.2020, to encourage people to stay Healthy and Fit. 167 participants attended the Fit India Cyclothon event.

BLACK & WHITE PORTRAIT






Black and White Portrait is an online photography contest which is conducted to enhance and showcase the photography skills of the students in taking the black and white portraits. Students were asked to submit their responses through www.pcklu.in on or before 07.11.2020. The students were informed to submit the responses at par with the rules and regulations given in the above website. 25 students from various departments participated on this event.

4. RESEARCH

SEMINARS, CONFERENCES, WORKSHOPS, TRAINING PROGRAMS, CERTIFICATION PROGRAMS ORGANIZED

S. No	Title	Department	Date	No. of Attendees
1.	A Webinar on "Environmental Impact Assessment Act 2020"	Centre for Learning Technology	10.10.2020	120
2.	A Webinar on "Motivating Students for Online Learning"	Centre for Learning Technology	02.11.2020	54

PHD VIVA- VOCE EXAMINATION DEFENDED BY FACULTY MEMBERS

Name of the faculty member and department	Supervisor	Thesis title	Data of viva-voce examination
 Mr. N. Pothirasan, Department of Electronics and Communication Engineering	Dr. M. Pallikonda rajasekaran	A Study on Controller Design for Rechargeable E-Vehicle and Augmentation of Intelligent Transportation System	12.11.2020
Ms. K. Vidhya, Department of Management Studies	 Dr. S.B. Inayath Ahamed	A study on Service Encounter and Customer satisfaction in Retail stores with reference to selected cities of Tamil Nadu	27-11-2020
 Mrs. Syed Ali Fathima, Department of Chemistry	Dr. E.R. Nagarajan	Synthesis, characterization, biological evaluation and molecular docking studies of novel heterocyclic Schiff base metal complexes	31-12-2020

PROJECT GRANTS RECEIVED FROM GOVERNMENT AGENCIES

No	Principal Investigator	Title of the Project	Funding Agency	Sanctioned Amount (Rs)	Letter Number and Date
1.	Dr. J. Deny	MSME-TBI	MSME	25000000	Sanctioned
2.	Dr. Seshadhri Srinivasan	ATAL Community Innovation Center	ATAL	18000000	Sanctioned
	Dr. V. Vasudevan				
	Dr. B. Subathra				

3.	Dr. A. Muthukumaran	Evaluation of biocompatible collagen-chitosanselenium nanoparticles (SeNPS) scaffold for cardiac tissue engineering applications in wistar rat	ICMR	1800000	Sanctioned
4.	Department of Mechanical Engineering	AICTE-Modrob	AICTE	2000000	Sanctioned
5.	Department of Electronics and Communication Engineering	AICTE-Modrob	AICTE	2000000	Sanctioned

FACULTY AWARDS

No	Faculty Name	Awarding Agency	Agency name	Award name	Date
1	Mr. Radeep Krishna R	Private Organization	IARE Awards GISR Foundation	Best Faculty Award Male	30.10.2020
2	Dr. P. Senthilmurugan	State Government	Tamil Nadu Agricultural University	T S Natarajan Award	30.11.2020
3	Dr. S. Shantkriti	Private Organization	Subbalakshmi Lakshmipathy College of Science, Tamil Nadu	Board Member for Food Science & Processing Management Programme	09.11.2020
4	Dr. P. Devendran	International Body	ELSEVIER	Journal Reviewer in Heliyon	03.11.2020
5	Mr. G. Karthy	Private Organization	KARE	Reviewer KGC2019	18.12.2020
6	A. Harihara Sudan	International Body	International Journal of Evaluation and Research in Education	Reviewer	17.12.2020
7	Dr. S. Maragatha Sundari	Central Government	IMRF Institute of Higher education and research, Regd. with Govt. of India	INDO Asian Emmy Noether Distinguished Scientist Award	15.12.2020
8	Dr. P. Aruna Jeyanthi	International Body	ELSEVIER	Appreciation Certificate	01.12.2020
9	Dr. P. Aruna Jeyanthi	International Body	IEEE Professional society	Appreciation Certificate	23.12.2020
10	Dr. S. Shantkriti	Private Organization	Current Research in Wastewater	Editorial Board Member in	15.12.2020

			Management (ISSN: 2766-8703)	Journal	
11	S Suprakash	Private Organization	NSS Anducode Karayogam	Appreciation Award	25.12.2020

PATENT

No	Department	Patent Title	Patent Members Name	Application Number	Filing Date
1.	Computer Science and Engineering	Next Generation Framework for Smart Building Monitoring using LoWPAN	Dr. C. Bala Subramanian, Dr. S. Balakrishnan, Mr. Himayun Mukhtar Qureshi, Mr. Ankur Goyal, Mr. Shivkant Kaushik, Dr. K. Marimuthu, Dr. Penumathsa Suresh Varma, Dr. Yarramalle Srinivas, Dr. S. Karunakaran, Mr. G.A. Senthil	2020102608	06.10.2020
2.	Electronics Communication Engineering	Ambulance Alerting Device Using Xbee Digimiesh	Mr. K. Jeya Prakash, M. Siva Rama Krishnan, K. Sudhakar, S.B. Thiru Mani Kandan, Mr. G. Ramesh, Dr. J. Deny	202041047685	02.11.2020

KARE INNOVATION CENTRE

S. No	Name of the activity	Date
1.	Method of Exploring and Capturing Values from Indian Agriculture and Health Sector	03.11.2020
2.	Challenges And Opportunities In Foreign Trade	10.11.2020
3.	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	04.11.2020
4.	Idea/ PoC pitching & validation and Institute level PoC competition. Submission of Idea/PoC on IIC Portal	04.12.2020
5.	Orientation Session on Methods Exploring and Capturing Values from Indian Agriculture and Health Sector	03.11.2020

5. MISCELLANEOUS

IQAC MEETING

The IQAC first quarter meeting was held on 27.11.2020 via online platform. The external members Dr. N. Alagumurthi, Professor & Head, Mechanical Engineering, Pondicherry Engineering College, Dr. K. Janakiraman, Head OBO Betterman Chennai and Dr. Arun Rajagopal, Director (Data Science), Evive Software Analytics, Bengaluru attended the same and offered their valuable suggestions. Few key points are:

- Members suggested to conduct NAAC Student Satisfaction Survey.
- Members suggested forming a committee at university level for implementing the curriculum related guidelines suggested in the new National Education Policy 2020.
- Preparation of e-content for all the core courses offered by the departments.

SCOPUS LISTED PUBLICATIONS DURING OCTOBER- DECEMBER 2020

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
1.	Sornalakshmi M., Balamurali S., Venkatesulu M., Krishnan M.N., Ramasamy L.K., Kadry S., Lim S.	An efficient apriori algorithm for frequent pattern mining using mapreduce in healthcare data	2021	Bulletin of Electrical Engineering and Informatics	10	1		390	403
2.	Sambandamoorthy S., Narayanan V., Chinnapandi L.B.M., Aziz A.	Impact of fiber length and surface modification on the acoustic behaviour of jute fiber	2021	Applied Acoustics	173		107677		
3.	Shanmugam V., Das O., Babu K., Marimuthu U., Veerasimman A., Johnson D.J., Neisiany R.E., Hedenqvist M.S., Ramakrishna S., Berto F.	Fatigue behaviour of FDM-3D printed polymers, polymeric composites and architected cellular materials	2021	International Journal of Fatigue	143		106007		
4.	Muthulakshmi L., Anand Kumar B., Rajasekar A., Annaraj J., Pruncu C.I.	The benefits of k-Carrageenan-gelatin hybrid composite coating on the medical grade stainless steel (SS304) used as anticorrosive barrier	2021	Materials Chemistry and Physics	258		123909		
5.	Sivamani J., Sulaiman M.	Behavior of Zero-Cement Mortar: An Experimental Study	2021	Lecture Notes in Civil Engineering	78			277	287
6.	AriffaParakath A., Neelakantan T.R.	Analysis of Resilience Performance of Water Distribution Network	2021	Lecture Notes in Civil Engineering	78			261	267

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
7.	Parvathy V.S., Pothiraj S., Sampson J.	Automated Internet of Medical Things (IoMT) Based Healthcare Monitoring System	2021	Studies in Systems, Decision and Control	311			117	128
8.	Palaniappan M., Milton J.C., Ramasubramania m S.S., Palvannan H., Sundararaj H.	Influence of Steel Fibers on Enhancing the Toughness Property on Concrete: A Simplified Approach	2021	Lecture Notes in Civil Engineering	78			269	275
9.	Ani Brown Mary N., Robert Singh A., Athisayamani S.	Classification of banana leaf diseases using enhanced gabor feature descriptor	2021	Lecture Notes in Networks and Systems	145			229	242
10.	Robert Singh A., Athisayamani S., Alphonse A.S.	Enhanced speeded up robust feature with bag of grapheme (esurf-bog) for tamil palm leaf character recognition	2021	Lecture Notes in Networks and Systems	145			27	39
11.	Athisayamani S., Robert Singh A., Sivanesh Kumar A.	Recurrent neural network-based character recognition system for tamil palm leaf manuscript using stroke zoning	2021	Lecture Notes in Networks and Systems	145			165	176
12.	Ranjithkumar R., Arasi S.E., Devendran P., Nallamuthu N., Arivarasan A., Lakshmanan P., Sudhahar S., Kumar M.K.	Investigations on structural, morphological and electrochemical properties of Co(OH) ₂ nanosheets embedded carbon nanotubes for supercapacitor applications	2020	Diamond and Related Materials	110		1081 20		
13.	Kadakadiyavar S., Ramrao N., Singh M.K.	Efficient mixture control chart pattern recognition using adaptive RBF neural network	2020	International Journal of Information Technology (Singapore)	12	4		127 1	1280

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
14.	Ram Kumar Pandian S., Arunachalam S., Deepak V., Kunjiappan S., Sundar K.	Targeting complement cascade: an alternative strategy for COVID-19	2020	3 Biotech	10	11	479		
15.	Sudharsan R.R., Deny J., Muthukumar E., Selvi S.C.	Design, implementation, and estimation of MFCV for 4-different position of human body using FPGA	2020	Microelectronics Journal	105		1048 90		
16.	Ramalingam S.	Effect of additives on structure and properties of electrodeposited nano crystalline copper	2020	Rasayan Journal of Chemistry	13	4		214 3	2149
17.	Qarnain S.S., Sattanathan M., Sankaranarayanan B.	Analysis of social inequality factors in implementation of building energy conservation policies using fuzzy analytical hierarchy process methodology	2020	International Journal of Sustainable Energy Planning and Management	29			153	170
18.	Sankaran S., PallikondaRajasekaran M.	Design of prosthesis by sustainable aluminium 2024-t4 material under various load conditions using tetrahedral mesh	2020	Journal of Green Engineering	10	9		532 2	5339
19.	Senthil T.	A data integrity preservation model to ensure security in green cloud computing platform	2020	Journal of Green Engineering	10	9		646 8	6476
20.	Ganesan M., Paranthaman S.	Studies on the structure and conformational flexibility of secondary structures in amyloid beta-A quantum chemical study	2020	Journal of Theoretical and Computational Chemistry	19	6	2050 014		
21.	Kumar R.K., Diwakaran S., Thilagaraj M.	Reactive power control of modern type high effective phase grid-tied photovoltaic network inverter	2020	Journal of Green Engineering	10	9		487 4	4884

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
22.	Dhanalakshmi K.S., Kumar S.D., Padmavathi R.A., Ramesh L., Kumar M.S.	Detection of change over land use and land cover in Coimbatore urban area	2020	Journal of Green Engineering	10	9		453 0	4542
23.	Sivapragasam C., Malathy A., Ishwarya D., Saravanan P., Balamurali S.	Modelling the elements of flash flood hydrograph using genetic programming	2020	Indian Journal of Geo-Marine Sciences	49	6		103 1	1038
24.	Jiji A.C., Nagaraj R.	A novel imaging system for underwater haze enhancement	2020	International Journal of Information Technology (Singapore)	12	1		85	90
25.	Ganesh A.C., Muthukannan M.	Development of high performance sustainable optimized fiber reinforced geopolymer concrete and prediction of compressive strength	2020	Journal of Cleaner Production			1245 43		
26.	Anisha M., Sindhuja J.F.F., Elliot C.J., Rani R.L., Devi J.D., Monal K., Chezhiyan P., Majeeth A.A., Shalini U.	Automated assistive health care system for disabled patients utilizing internet of things	2020	Journal of Engineering Science and Technology Review	13	4	213	206	213

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27.	Revathy R., JainulFathima A., Balamurali S., Murugaboopathi G.	Development of hybrid model for improving the prediction of dengue-human protein interaction for anti-viral drug discovery	2020	International Journal of Intelligent Information and Database Systems	13	44288		479	490
28.	Siva V., Murugan A., Shameem A., Bahadur S.A.	One-step hydrothermal synthesis of transition metal oxide electrode material for energy storage applications	2020	Journal of Materials Science: Materials in Electronics	-	-	-	-	-
29.	Suresh Kumar S., Nair A., Muthu Kumar G.P., Muthu Krishnan V., Ramesh Kanna M.	Fabrication and investigation of Al ₂ O ₃ -B ₄ C-TiC hybrid metal matrix composites using laser beam machining	2020	INCAS Bulletin	12	3		229	234
30.	Karthik K., Jeyakumar S., Sebastin J.S.	Numerical prediction of flow noise levels on towed sonar array	2020	Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment	-	-	-	-	-
31.	Narayanan S.S., Murugaboopathi G.	Prevention of rushing attack in MANET using threshold-based approach	2020	International Journal of Internet Technology and Secured Transactions	10	5		576	584

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32.	Murugan K., Jeyamohanaropa n K.M.K., Navaneethanath M., Prakash M., Ajithkumar R.	Computerized Smart Luminous System using Passive Infrared by Motion Recognition (CSLS-WIFI)	2020	Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020			9171 201	291	296
33.	Sreeraj P., ThirumalaiKumar an S., Suresh Kumar S., Uthayakumar M., Pethuraj M.	Measurement of microchannels produced in AA6351/rutile composite by wire-edm	2020	Surface Review and Letters			2050 034		
34.	Nair R.K.R., Pothiraj S., Nagarajan R.	P2CTS-3D IC: An efficient placement aware partitioning and clock tree synthesis in 3d-integrated circuits	2020	Applied Science and Engineering Progress	13	4		1	17
35.	Arumugam S., Bagga J.S.	Graphoidal graphs and graphoidal digraphs: a generalization of line graphs	2020	AKCE International Journal of Graphs and Combinatorics	-	-	-	-	-
36.	Perumal A., Azhagurajan A., Prithvirajan R., Kumar S.S.	Experimental Investigation and Optimization of Process Parameters in Ti α (6242) Alpha β Alloy Using Electrical Discharge Machining	2020	Journal of Inorganic and Organometallic Polymers and Materials	-	-	-	-	-
37.	Kavimani V., Gopal P.M., Sumesh K.R., Kumar N.V.	Multi Response Optimization on Machinability of SiC Waste Fillers Reinforced Polymer Matrix Composite Using Taguchi's Coupled Grey Relational Analysis	2020	Silicon	-	-	-	-	-

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38.	Vivek C.M., Ramkumar P.	Evaluation of course outcome attainment of engineering course with traditional, blended and flipped classroom approaches	2020	Education and Information Technologies	-	-	-	-	-
39.	Sivapragasam C., Natarajan N.	Comparison of trends in apparent and air temperature for climate change assessment	2020	Modeling Earth Systems and Environment	-	-	-	-	-
40.	Biatchâ™ M.P., Bagga J.S., Arumugam S.	A survey and a new class of graceful unicylic graphs	2020	AKCE International Journal of Graphs and Combinatorics	-	-	-	-	-
41.	Hemalatha J., Kavitha Devi M.K., Geetha S.	Effective image stego intrusion detection system using statistical footprints of the steganogram and fusion of classifiers	2020	International Journal of Computer Aided Engineering and Technology	13	3		325	340
42.	Sivakumar S., Adam Khan M., Muralidharan B.	Studies on surface quality of stainless steel implant material while machining with WEDM process	2020	International Journal of Machining and Machinability of Materials	22	5		374	385
43.	Muthulakshmi L., Mathangi J.B., Suryasankar R.P., Padmanaban V.C., Helen Kalavathy M., Sanjay M.R., Siengchin S.	Extraction of Polymeric Biofloculant from Enterobacter sp. and Adsorptive Kinetic Studies on Industrial Dye Removal Applications	2020	Journal of Polymers and the Environment	-	-	-	-	-

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44.	SenthilMuthu Kumar T., Senthilkumar K., Ratanit M., Rajini N., Chanunpanich N., Hariram N., Pornwongthong P., Siengchin S.	Influence of Titanium Dioxide Particles on the Filtration of 1,4-Dioxane and Antibacterial Properties of Electrospun Cellulose Acetate and Polyvinylidene Fluoride Nanofibrous Membranes	2020	Journal of Polymers and the Environment	-	-	-	-	-
45.	Senthilkumar K., Ungtrakul T., Chandrasekar M., SenthilMuthu Kumar T., Rajini N., Siengchin S., Pulikkalparambil H., Parameswaranpillai J., Ayrilmis N.	Performance of Sisal/Hemp Bio-based Epoxy Composites Under Accelerated Weathering	2020	Journal of Polymers and the Environment	-	-	-	-	-
46.	Wang S.-H., Govindaraj V.V., GÃ³rriz J.M., Zhang X., Zhang Y.-D.	Covid-19 classification by FGCNet with deep feature fusion from graph convolutional network and convolutional neural network	2021	Information Fusion	67			208	229
47.	Shanmugam V., Das O., Babu K., Marimuthu U., Veerasimman A., Johnson D.J., Neisiany R.E., Hedenqvist M.S., Ramakrishna S., Berto F.	Fatigue behaviour of FDM-3D printed polymers, polymeric composites and architected cellular materials	2021	International Journal of Fatigue	143		106007		

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48.	Sivamani J., Sulaiman M.	Behavior of Zero-Cement Mortar: An Experimental Study	2021	Lecture Notes in Civil Engineering	78			277	287
49.	AriffaParakath A., Neelakantan T.R.	Analysis of Resilience Performance of Water Distribution Network	2021	Lecture Notes in Civil Engineering	78			261	267
50.	Palaniappan M., Milton J.C., Ramasubramania m S.S., Palvannan H., Sundararaj H.	Influence of Steel Fibers on Enhancing the Toughness Property on Concrete: A Simplified Approach	2021	Lecture Notes in Civil Engineering	78			269	275
51.	VinothBabu K., Suresh Kumar S., Ganesan P., Marichamy S., Madan D.	Fabrication, Characterization and Parametric Optimization on Drilling of Heat-Treated A356-SiCp Composites	2021	Lecture Notes in Mechanical Engineering	23			827	838
52.	Suriyasekeran K., Santhanamahalingam S., Duraisamy M.	Algorithms for Diagnosis of Diabetic Retinopathy and Diabetic Macula Edema- A Review	2021	Advances in Experimental Medicine and Biology	1307			357	373
53.	Ranjithkumar R., Arasi S.E., Devendran P., Nallamuthu N., Lakshmanan P., Sudhahar S., Arivarasan A., Kumar M.K.	Investigations and fabrication of Ni(OH) ₂ encapsulated carbon nanotubes nanocomposites based asymmetrical hybrid electrochemical supercapacitor	2020	Journal of Energy Storage	32		1019 34		
54.	Siva V., Shameem A., Murugan A., Athimoolam S., Vinitha G., Bahadur S.A.	Structural, thermal and electro-optical properties of guanidine based Metal-Organic Framework (MOF)	2020	Chinese Journal of Physics	68			764	777

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55.	Usha G., Prakash R., Karpagalakshmi K., Ramalakshmi S., Piramuthu L., Yang C., Selvapalam N.	Supramolecular Assembly of Acriflavine on Graphene Oxide for the Sensing of Adenosine Phosphates	2020	Analytical sciences : the international journal of the Japan Society for Analytical Chemistry	36	11		1365	1369
56.	Yang E., Parvathy V.S., PandiSelvi P., Shankar K., Seo C., Joshi G.P., Yi O.	Privacy preservation in edge consumer electronics by combining anomaly detection with dynamic attribute-based re-encryption	2020	Mathematics	8	11	1871	1	13
57.	Arumugam S., Bagga J.	Preface	2020	AKCE International Journal of Graphs and Combinatorics	17	2		637	
58.	Jayakumar P., Padmanabhan S., Suthendran K., Kumar Y.N., Sujith M.	Identification and Analysis of Blood Group with Digital Microscope Using Image Processing	2020	IOP Conference Series: Materials Science and Engineering	923	1	12013		
59.	Mohan M., Shanmugaraja P., Krishnan R., Rajagopalan K., Sundar K.	In silico prediction of b-cell epitopes of dengue virus - A reverse vaccinology approach	2020	Journal of Applied Pharmaceutical Science	10	10		77	85
60.	Sankaran S., PallikondaRajasekaran M.	Design of prosthesis by sustainable aluminium 2024-t4 material under various load conditions using tetrahedral mesh	2020	Journal of Green Engineering	10	9		5322	5339

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61.	Senthil T.	A data integrity preservation model to ensure security in green cloud computing platform	2020	Journal of Green Engineering	10	9		646 8	6476
62.	Kumar R.K., Diwakaran S., Thilagaraj M.	Reactive power control of modern type high effective phase grid-tied photovoltaic network inverter	2020	Journal of Green Engineering	10	9		487 4	4884
63.	Dhanalakshmi K.S., Kumar S.D., Padmavathi R.A., Ramesh L., Kumar M.S.	Detection of change over land use and land cover in Coimbatore urban area	2020	Journal of Green Engineering	10	9		453 0	4542
64.	Rani G.E., Reddy A.T.V., Vardhan V.K., Harsha A.S.S., Sakthimohan M.	Machine learning based cibil verification system	2020	Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020			9214 195	780	782
65.	Nagaraj P., Rajasekaran M.P., Muneeswaran V., Sudar K.M., Gokul K.	VLSI implementation of image compression using TSA optimized discrete wavelet transform techniques	2020	Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020			9214 220	667	670

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66.	Brintha N.C., Jappes J.T.W., Vignesh M.S.	Managing & detecting fishy nodes in MANET using cloud concepts	2020	Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020			9214 093	166	169
67.	Kartheeban K, Hemalatha J., Priya C., Venkatesulu M.	Secure multicast group communications for IoT applications using WSN	2020	Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020			9214 238	242	248
68.	Devi Parameswari C., Mandadi V.	Healthcare data protection based on blockchain using solidity	2020	Proceedings of the World Conference on Smart Trends in Systems, Security and Sustainability, WS4 2020			9210 296	577	580
69.	Jothi M.A., Vanitha D., Bahadur S.A., Nallamuthu N.	Proton conducting polymer electrolyte based on cornstarch, PVP, and NH ₄ Br for energy storage applications	2020	Ionics	-	-	-	-	-
70.	Jeyalakshmi P.	Domination in signed graphs	2020	Discrete Mathematics, Algorithms and Applications			2050 094		

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71.	Qarnain S.S., Muthuvel S., Sankaranarayanan B.	Analysis of Energy Conservation Factors in Buildings Using Interpretive Structural Modeling Methodology: An Indian Perspective	2020	Journal of The Institution of Engineers (India): Series A	-	-	-	-	-
72.	EzhilArasi S., Ranjithkumar R., Devendran P., Krishnakumar M., Arivarasan A.	Investigation on electrochemical behaviour of manganese vanadate nanopebbles as potential electrode material for supercapacitors	2020	Journal of Alloys and Compounds			1576 28		
73.	Jahangeer G.S.B., Rajkumar T.D.	Early detection of breast cancer using hybrid of series network and VGG-16	2020	Multimedia Tools and Applications	-	-	-	-	-
74.	Gandhimathi L., Murugaboopathi G.	Mobile Malicious Node Detection Using Mobile Agent in Cluster-Based Wireless Sensor Networks	2020	Wireless Personal Communications	-	-	-	-	-
75.	Alaguselvi R., Murugan K.	Performance analysis of automated lesion detection of diabetic retinopathy using morphological operation	2020	Signal, Image and Video Processing	-	-	-	-	-
76.	Leeladevi K., Vinoth Kumar J., Arunpandian M., Thiruppathi M., Nagarajan E.R.	Investigation on photocatalytic degradation of hazardous chloramphenicol drug and amaranth dye by SmVO ₄ decorated g-C ₃ N ₄ nanocomposites	2020	Materials Science in Semiconductor Processing			1055 63		
77.	Kavimani V., Gopal P.M., Sumesh K.R., Kumar N.V.	Multi Response Optimization on Machinability of SiC Waste Fillers Reinforced Polymer Matrix Composite Using Taguchi's Coupled Grey Relational Analysis	2020	Silicon	-	-	-	-	-

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78.	Alagarsamy S., Zhang Y.-D., Govindaraj V., Rajasekaran M.P., Sankaran S.	Smart identification of topographically variant anomalies in brain magnetic resonance imaging using a fish school based fuzzy clustering approach	2020	IEEE Transactions on Fuzzy Systems			9165 123		
79.	Murugesan P., Brunda D.K., Moses J.A., Anandharamakrishnan C.	Photolytic and photocatalytic detoxification of mycotoxins in foods	2020	Food Control			1077 48		
80.	Sboui M., Cortés-Reyes M., Swaminathan M., Alemany L.J.	Eco-friendly hybrid Paper "AgBr/TiO ₂ for efficient photocatalytic aerobic mineralization of ethanol	2020	Chemosphere			1287 03		
81.	Krishnan S., Vaithyasubramanian S., Maragatharajan M.	SAED: Self-adaptive Error Detection Automation for Leveraging Computational Efficiency of HCI Systems	2020	Wireless Personal Communications	-	-	-	-	-
82.	Kumar T.S.M., Chandrasekar M., Senthilkumar K., Ilyas R.A., Sapuan S.M., Hariram N., Rajulu A.V., Rajini N., Siengchin S.	Characterization, Thermal and Antimicrobial Properties of Hybrid Cellulose Nanocomposite Films with in-Situ Generated Copper Nanoparticles in Tamarindusindica Nut Powder	2020	Journal of Polymers and the Environment	-	-	-	-	-
83.	Muthulakshmi L., Mathangi J.B., Suryasankar R.P., Padmanaban V.C., Helen Kalavathy M., Sanjay M.R., Siengchin S.	Extraction of Polymeric Biofloculant from Enterobacter sp. and Adsorptive Kinetic Studies on Industrial Dye Removal Applications	2020	Journal of Polymers and the Environment	-	-	-	-	-

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84.	Nguyen G.N., Le Viet N.H., Devaraj A.F.S., Gobi R., Shankar K.	Blockchain enabled energy efficient red deer algorithm based clustering protocol for pervasive wireless sensor networks	2020	Sustainable Computing: Informatics and Systems			1004 64		
85.	Pandian S.R.K., Pavadai P., Vellaisamy S., Ravishankar V., Palanisamy P., Sundar L.M., Chandramohan V., Sankaranarayanan M., Panneerselvam T., Kunjiappan S.	Formulation and evaluation of rutin-loaded solid lipid nanoparticles for the treatment of brain tumor	2020	Naunyn-Schmiedeberg's Archives of Pharmacology	-	-	-	-	-
86.	Nagaprasad N., Stalin B., Vignesh V., Ravichandran M., Rajini N., Ismail S.O.	Applicability of cellulosic-based Polyalthialongigolia seed filler reinforced vinyl ester biocomposites on tribological performance	2020	Polymer Composites	-	-	-	-	-
87.	Suriyakalaa U., Ramachandran R., Doulathunnisa J.A., Aseervatham S.B., Sankarganesh D., Kamalakkannan S., Kadalmani B., Angayarkanni J., Akbarsha M.A., Achiraman S.	Upregulation of Cyp19a1 and PPAR- γ in ovarian steroidogenic pathway by Ficus religiosa: A potential cure for polycystic ovary syndrome	2020	Journal of Ethnopharmacology			1135 40		

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88.	Poomarimuthukumar G., KavinBhaarathi A.G., Mohanaram R., RubanPrabhu G., Siva I.	Investigation on the effect of erodent velocity on the erosion of 3/2 BLARE laminates	2019	Materials Today: Proceedings	33			946	948
89.	Siva I., Sangaran D.K., Praveen Balan P.R., Rajesh Kanna R., Siddharth P., Sankar I.	Modal analysis on the additive manufactured robotic segments: Effect of printing densities on the vibrational properties	2019	Materials Today: Proceedings	33			1133	1136
90.	Siva I., Bharathi M., Krishnaveni C., Priyanka M., Sankar I.	Frictional response of functionally graded 3/2 natural rubber based lead-bismuth eutectic alloy metal rubber laminates	2019	Materials Today: Proceedings	33			960	963
91.	Balamurugan P., Pethuraj M., Uthayakumar M., Kushwaha A.P., Naidu K.G., Chitrada S.K.	Electrical discharge machining of Al-sillimanite composites	2019	Materials Today: Proceedings	33			1100	1103
92.	Revathy M.S., Suman R., Jayram N.D., Geetha D., Chitravel T.	Multifarious properties of BunsenitenanosphereNiO using coprecipitation method	2019	Materials Today: Proceedings	33			1165	1174
93.	GurusamyPandian P.G., Ashifa K.M.	Analysis and design of fire resistance cloth in fire works industries	2019	Materials Today: Proceedings	33			1032	1037
94.	Premkumar T., Siva I., Amico S.C.	Inter and intralayer basalt hybrid effects on the static and vibrational behaviors of Brazilian curauÃ;/basalt hybrid composite	2019	Materials Today: Proceedings	33			1212	1215

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95.	SethuRamalingam P., Mayandi K., Srinivasan T., Jerin Leno I., Ravi R., Suresh G.	A study on E-Glass fiber reinforced interpenetrating polymer network (vinylester/polyurethane) laminate's flexural analysis	2019	Materials Today: Proceedings	33			854	858
96.	Murugan A., Siva V., Shameem A.S., Bahadur S.A.	Optimization of adsorption and reaction time of SILAR deposited Cu ₂ ZnSnS ₄ thin films: Structural, optical and electrochemical performance	2021	Journal of Alloys and Compounds	856		1580 55		
97.	M A., S Kumar S., E Nithila E., M B.	Detection of Fetal Cardiac Anomaly from Composite Abdominal Electrocardiogram	2021	Biomedical Signal Processing and Control	65		1023 08		
98.	Muthulakshmi L., Pavithra U., Sivaranjani V., Balasubramanian N., Sakthivel K.M., Pruncu C.I.	A novel Ag/carrageenanâ“gelatin hybrid hydrogel nanocomposite and its biological applications: Preparation and characterization	2021	Journal of the Mechanical Behavior of Biomedical Materials	115		1042 57		

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99.	Kunjiappan S., Sankaranarayanan M., Karan Kumar B., Pavadai P., Babkiewicz E., Maszczyk P., Glodkowska-Mrowka E., Arunachalam S., Ram Kumar Pandian S., Ravishankar V., Baskararaj S., Vellaichamy S., Arulmani L., Panneerselvam T.	Capsaicin-loaded solid lipid nanoparticles: design, biodistribution, in silico modeling and in vitro cytotoxicity evaluation	2021	Nanotechnology	32	9	95101		
100.	Sathiyamoorthi V., Ilavarasi A.K., Murugeswari K., Thouheed Ahmed S., Aruna Devi B., Kalipindi M.	A deep convolutional neural network based computer aided diagnosis system for the prediction of Alzheimer's disease in MRI images	2021	Measurement: Journal of the International Measurement Confederation	171		108838		
101.	Meyyappan P., Rajasekaran M.P., Soroopan R.S.	An Experimental and Analytical Investigation on the Characteristics of Light Weight Concrete Using Waste Burnt Ash and Pumice Stones	2021	Lecture Notes in Civil Engineering	97			543	551
102	Shilaja C.	A Meta-heuristic Optimization Algorithm for Solving Renewable Energy System	2021	Advances in Intelligent Systems and Computing	1248			449	459

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103.	Shilaja C.	In Perspective of Combining Chaotic Particle Swarm Optimizer and Gravitational Search Algorithm Based on Optimal Power Flow in Wind Renewable Energy	2021	Advances in Intelligent Systems and Computing	1248			477	490
104.	Meyyappan P., Carmichael M.J.	An Effective Replacement of Granite and Marble Powder on Cement Mortar Subjected to Chloride Ion Penetration Test	2021	Lecture Notes in Civil Engineering	97			533	541
105.	Meyyappan P., Carmichael M.J.	A Comparative Investigation on the Utilization of Marble Dust and Granite Dust in the Cement Mortar Against the Sulphate Resistance	2021	Lecture Notes in Civil Engineering	97			523	532
106.	Sivamani J., Neelakantan T.R., Saravana Kumar P., MugeshKanna C., Vignesh Harish H., Akash M.R.	Efficient Utilization of Recycled Concrete Aggregates for Structural ApplicationsâAn Experimental Study	2021	Lecture Notes in Civil Engineering	97			567	579
107.	Abraham R., Neelakantan T.R., Chokkalingam R.B., John E.	Blended Cement Using Calcined Clay and Limestone for Sustainable DevelopmentâA Review	2021	Lecture Notes in Civil Engineering	97			701	710

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109.	John S.S., Saicharan R., Maheswaran B.S.	Experimental investigation on electromagnetic launcher technique	2020	AIP Conference Proceedings	2311		3001 7		
110.	Baskaran S.M., Prasanna B.T., Murugan R.T., Balamurugan P., Sebastin J.S.	Design and fabrication of portable groundnut shell extraction machine	2020	AIP Conference Proceedings	2311		5000 4		
111.	Sivaramakarthykeyan R., Iniyaval S., Lim W.-M., Hii L.-W., Mai C.-W., Ramalingan C.	Pyrazolylphenanthroimidazoleheterocycles: Synthesis, biological and molecular docking studies	2020	New Journal of Chemistry	44	45		196 12	1962 2
112.	Ramaraj R., Dharmaraj G., Srinivasan S., Balasubramanian S., Periyasamy M., Bekiroglu K.	Real-time extremum seeking controller for brushless DC hub motors in electric vehicles	2020	IET Electric Power Applications	14	12		243 8	2449

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114.	Karuppiah G., Kuttalam K.C., Palaniappan M., Santulli C., Palanisamy S.	Multiobjective Optimization of Fabrication Parameters of Jute Fiber/Polyester Composites with Egg Shell Powder and Nanoclay Filler	2020	Molecules (Basel, Switzerland)	25	23			
115.	Sivapragasam C., Ajith S., Arumugaprabu V.	Ascertaining the Suitability of A Worker for Safer Execution of A Construction Task: A Genetic Programming Based Modelling Approach	2020	IOP Conference Series: Materials Science and Engineering	955	1	12015		
116.	Ajith S., Sivapragasam C., Arumugaprabu V.	Comparison of Modelling Tools in Assessing Safety Performance of Construction Site	2020	IOP Conference Series: Materials Science and Engineering	955	1	12016		
117.	Priya P.K., Vanitha S., Meyyappan P.	Characteristic and microstructural study on an alternate material in brick manufacturing	2020	IOP Conference Series: Materials Science and Engineering	955	1	12038		
118.	Vanitha S.	Performance of different types of constructed wetlands for treating wastewater in short time horizon	2020	IOP Conference Series: Materials Science and Engineering	955	1	12095		
119.	Priya P.K., Vanitha S., Meyyappan P.	Utilization of waste for building materials- A review	2020	IOP Conference Series: Materials Science and Engineering	955	1	12048		

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120.	Vanitha S.	Study on suitability of single and hybrid constructed wetland for treating sewage for a small community	2020	IOP Conference Series: Materials Science and Engineering	955	1	12094		
121.	Sivapragasam C., Kowsiga A., Jeraldine G.L.J.	Need for paradigm shift in design philosophy for tasks involving water-energy nexus	2020	IOP Conference Series: Materials Science and Engineering	955	1	12102		
122.	Sivapragasam C., Baranitharan B., Rajesh K.	ANN Based Model for Prediction of Energy Requirement for Water-Energy Nexus Studies	2020	IOP Conference Series: Materials Science and Engineering	955	1	12067		
123.	Vijayalakshmi K., Selvarani	The effect of psychological wellbeing on academic achievement of arts and science college students in Virudhunagar district	2020	European Journal of Molecular and Clinical Medicine	7	2		3531	3542
124.	Priyakumari N., Mariappan S.	A study on television viewing habit among rural women of Kanyakumaridistrict	2020	European Journal of Molecular and Clinical Medicine	7	2		3554	3564
125.	Shilaja C., Jeyanthi S.	Multi-objective optimization for optimal hybrid renewable energy source selection in hybrid renewable energy systems	2020	European Journal of Molecular and Clinical Medicine	7	3		971	980
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