

2020 - III
QUARTERLY NEWSLETTER (JUL – SEP 2020)



**Kalasalingam Academy of
Research and Education**
(Deemed to be University)
Krishnankoil - 626126

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ABET ACCREDITATION

11 Programmes of KARE have been accredited by Accreditation Board for Engineering and Technology (ABET), an international Accreditation body. It is an added advantage to those students seeking employment and higher education opportunities overseas. KARE is the first HEI in India to have 11 ABET accredited B. Tech. programs (Automobile, Biotechnology, Biomedical, Chemical, Civil, CSE, ECE, EEE, Food Technology, IT and Mechanical).



PARTICIPATION IN RANKING AND ACCREDITATIONS

- KARE has been QS E LEAD Certified on 17.07.2020.
- KARE has been shortlisted in CII Survey Phase 2 on 08.08.2020.
- In ARIIA Ranking 2020, KARE has been Ranked Between 6th -25th in Self Finance / Private Institution Category on 18.08.2020.
- On 25.08.2020 in the Week Survey KARE has been ranked as follows:
- Engineering Colleges All India – 710
- Pvt Engineering Colleges All India – 42
- Pvt Engineering Colleges South Zone – 21
- KARE submitted IIQA on 31.08.2020 for 3rd cycle of NAAC Accreditation and it was approved by NAAC on 17.09.2020.

HONOR TO VICE-PRESIDENT

Our Vice President Dr. S. Shasi Anand was one of the panelists in the Virtual Round Table on “Re-Imagining Engineering Education in the 21st Century” organized by QS-I-GAUGE on 10.09.2020.



AWARDS AND HONORS RECEIVED BY OUR VICE CHANCELLOR

Our Vice Chancellor Dr. Nagaraj Ramrao delivered a webinar on the topic “**Engineers Employment Opportunities - Post COVID**” on 03.09.2020 for the engineering students of department of Civil Engineering, Dayananda Sagar College of Engineering, Bengaluru.

Department of Civil Engineering
Dayananda Sagar College of Engineering
Shavige Malleswara Hills, Kumaraswamy layout, Bengaluru 560078

Under the aegis of
Sukrutya Student Club





Webinar on
“Engineers Employment Opportunities - Post COVID”
For UG/PG Engineering Students

Resource Person



Dr. Nagaraj Ramrao
Vice Chancellor
Kalasalingam Academy of Research and Education, Tamilnadu.

Formerly,
Director of Dhirubhai Ambani Institute of Information and Communication Technology, Gujarat
In-Charge Director of Indian Institute of Information Technology (IIIT)-Vadodara, Gujarat
Director and Principal of The Oxford College of Engineering, Bengaluru
Director of R.V. Center for Cognitive Technologies, RVCE, Bengaluru
Assistant Engineer in Karnataka Power Corporation Limited.

<p>Date of the Event 3rd September 2020</p>	<p>Webinar link https://meet.google.com/fdq-iubj-jxp</p>	<p>Time 11.00am</p>
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<p>Prof.J.Ranjitha & Prof. Sunil C L Asst. Professor/Co-ordinators</p>	<p>Dr.H.K.Ramaraju HoD, Civil Engg. Dept.</p>	<p>Dr.C.P.S.Prakash Principal, DSCE</p>
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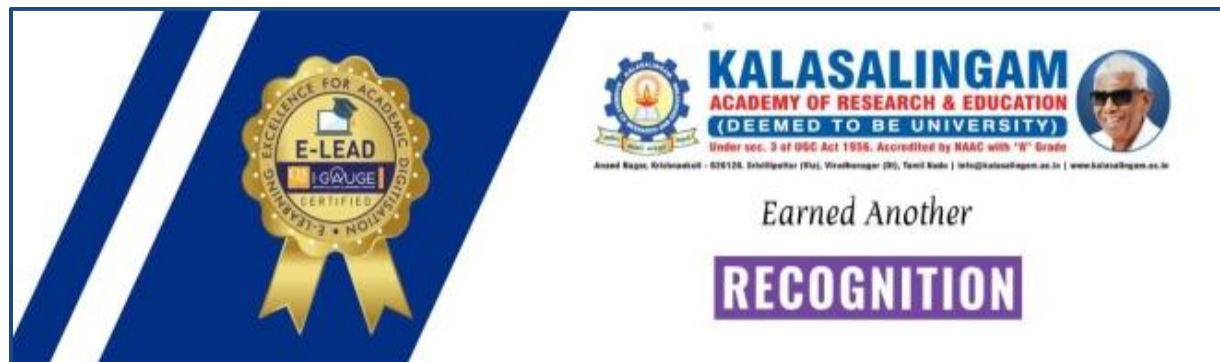
***Interested candidates may participate**

Our Vice Chancellor Dr. Nagaraj Ramrao was honored with the “**Most Impactful & Dedicated Vice-Chancellor Award**” on 11.09.2020 for Excellence and Leadership in Education by DYNERGIC Business Solution.



QS-I-GAUGE E-LEAD CERTIFICATION

QS-ERA India Pvt Ltd awarded KARE with QS-I-GAUGE E-LEAD (e-learning for Academic Digitization) certification. This certification is representation of the results following a verification and validation process to certify the preparedness of institutions to conduct online Teaching and Learning.



TIMES OF INDIA RANKING

In Times of India All India Engineering Institutions survey, KARE was ranked 55th in top 150 among private and government engineering institutions in India. KARE was ranked 45th in the top 100 institutions among all private engineering institutions in India.

TIMES ENGINEERING
ALL INDIA RANKING
2020

45
AMONG ALL PVT. ENGINEERING INSTITUTIONS IN INDIA

55
AMONG ALL ENGINEERING INSTITUTIONS IN INDIA

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION

ARIIA RANKING

KARE has been categorized 'Band A' (Rank between 6-25) in the category of University & Deemed to be Universities in **ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS (ARIIA) 2020** by MHRD, Government of India on 18.08.2020.

ONCE AGAIN
A PROUD MOMENT!

RANKED AMONG
Top 25

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS 2020

MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA)

MHRD (GOVERNMENT OF INDIA)

ARIIA
ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION (DEEMED TO BE UNIVERSITY)
 Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade

2. ACADEMICS

FACULTY DEVELOPMENT PROGRAMS ORGANIZED

No.	School / Office	Title	Date(s)	No. of Participants
1	School of Electronics and Electrical Technology	Faculty Development Programme on "Analog and Digital Electronics with Programming Languages"	17.07.2020 to 08.08.2020	15
2	School of Liberal Arts and Special Education	Transform Your Life through Successful Practices	04.08.2020	80
3	School of Electronics and Electrical Technology	AICTE Sponsored One Week Online Short Term Training Programme on Cyber Physical Systems (CPS) Design Techniques and Applications (Phase-I)	20.07.2020 to 25.07.2020	50
4	School of Electronics and Electrical Technology	AICTE Sponsored One Week Online Short Term Training Programme on Cyber Physical Systems (CPS) Design Techniques and Applications (Phase-II)	27.07.2020 to 01.08.2020	56
5	School of Electronics and Electrical Technology	FTP on Next Generation Networks	09.09.2020	59

PARTICIPATIONS OF FACULTY MEMBERS IN CONFERENCES, SEMINARS, WORKSHOPS, SYMPOSIUMS AND FDPs

No.	Department	No. of participations
1	Architecture	16
2	Automobile Engineering	33
3	Biomedical Engineering	39
4	Biotechnology	61
5	Business Administration	34
6	Catering Science & Hotel Management	19
7	Chemistry	21
8	Commerce	18
9	Computer Science and Engineering	89
10	Electrical and Electronics Engineering	68
11	Electronics and Communication Engineering	75
12	English	19
13	Mathematics	16
14	Physics	25
15	Visual Communication	19
16	Library	2
17	IEDC	45

3. STUDENT SUPPORT & PROGRESSION

ONLINE COURSES CLEARED, INTERNATIONAL CERTIFICATIONS OBTAINED BY STUDENTS

No.	Name of the Schools	No. of Online courses Cleared(NPTEL, CourseEraetc)
1.	School of Architecture	91
2.	School of Automotive and Mechanical Engineering	5
3.	School of Bio and Chemical Engineering	4
4.	School of Electronics and Electrical Technology	249
5.	School of Computing	520
6.	Kalasalingam School of Agriculture and Horticulture	2

ACTIVITIES OF NATIONAL SERVICE SCHEME & UNNAT BHARAT ABHIYAN

Name of the Activity	Date
Teachers Day Celebration	05.09.2020
Fit India	05.09.2020
Future Leaders of India	05.09.2020
Engineers Day Celebration	15.09.2020
National Education Policy 2020	21.09.2020
NSS Day Celebration	24.09.2020

"Future leaders of India" was organized as the initial event of all the NSS activities of School of Agriculture and Horticulture, Kalasalingam University for the odd semester 2020

NSS day was celebrated in association with JCI Sivakasi and Lions club through online Zoom meet on 24.09.2020. 100 NSS Volunteers and 4 NSS Program Officers attended the program.

ACTIVITIES OF NCC

Name of the Activity	Date
Tree Plantation <i>Pakhwada</i>	06.07.2020
<i>Kargil Vijay Diwas</i>	26.07.2020
Fit India Movement	29.08.2020
Webinar in Yoga	08.09.2020
Webinar on Career in Defence force	14.09.2020
Independence Day	15.09.2020



WEBINAR ON
YOGA AND MEDITATION
UNDER CAMPAIGN ON FIT INDIA

8 SEP 2020 @ 4.30pm

<https://forms.gle/yopAnBvDMQUL6>

No Registration fees
E-Certificated will be provided to all participants

IN ASSOCIATION WITH
THE ART OF LIVING

For more details:
s.k.m.pothinathan@klu.ac.in



Webinar On
Career in Defence Forces
4 Engr Goy NCC, Madurai

13.09.2020 (Sunday) @ 4.30pm

Resource Person
Wg Cdr. Raja
Indian Air Force

Maxi number of participants 250 in 1st come 1st serve basis

No Registration Fees

E-Certificate will be provided for all participants

For Registration
<https://forms.gle/FaaD5fk1Y7DoeF0>

To Contact
s.k.m.pothinathan@klu.ac.in



73rd Independence Day was celebrated on 15.08.2020 in a very grand manner. Mr. K. Dharmaraj, Special Officer (Finance Office) of Kalasalingam Academy of Research and Education was the chief guest.

ACTIVITIES OF PHYSICAL EDUCATION

Name of the Activity	Date(s)
Webinar on “Legends Made Through Legendary Processes.	09.08.2020
Awareness of Maintaining Physical Fitness.	29.08.2020
<i>Khelo India</i> Fit India Movement “Fit India Freedom Run”	21.09.2020 to 30.09.2020

FIT INDIA **KALASALINGAM**
ACADEMY OF RESEARCH & EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with “A” Grade
Anand Nagar, Krishnankott - 626126, Srivilliputtur (Via), Virudhunagar (DT), Tamil Nadu | info@kalasalingam.ac.in | www.kalasalingam.ac.in

Government of India
Ministry of Youth Affairs and Sports

FIT INDIA FREEDOM RUN
15th AUG - 2nd OCT

- ❖ Run any where at any time.
- ❖ Run a route of your choice, at a time that suits you.
- ❖ Break - up your runs.
- ❖ Run/Walk your own race at your own pace.
- ❖ You may mention the number of days and the time spent and distance covered with the details asked for in the Google form and send it in the e-mail id of us kluphysical@klu.ac.in to any day between 21st to 30th September enabling us to consolidate and send it to the Government of India.
- ❖ Registration Link: <https://forms.gle/hiDvQV64Z9c2d4tW9>

“Khelo India” under the title “Fit India Movement” was conducted “Fit India Freedom Run” from 15th August to 02nd October 2020, to encourage students to stay Healthy and fit.

CLUB ACTIVITIES

FOTOGRAFIA2020

The online photography event was conducted on the theme Discover Your Home on 26.09.2020.

Photography Club

DISCOVER YOUR HOME

AN ONLINE PHOTOGRAPHY CONTEST

SUBMIT YOUR SHOTS @PCKLU.IN

26 SEPTEMBER

PEACE 2k20

Youth Red Cross (YRC) conducted one-day workshop on International Day of Peace and World first aid day "PEACE 2k20",



KALASALINGAM
ACADEMY OF RESEARCH & EDUCATION
(DEEMED TO BE UNIVERSITY)

Youth Red Cross

INTERNATIONAL DAY OF PEACE AND WORLD FIRST AID DAY
PEACE 2k20

WORKSHOP **PHOTO CONTEST**

WHERE??
GOOGLE MEET

WHEN??
26.09.2020 (SATURDAY)
4 - 5 PM

WHO??
HEMA LATHA
SOCIAL ACTIVIST

STAFF INCHARGE
MR. P. VELUNANI - 9894586205

CASH PRIZE AWARDED

Topic - What makes you happy
Quality doesn't matter,
The content of picture make
you a winner

Open **LAST DATE FOR PHOTO SUBMISSION - 25.09.2020**

Registration link -
<https://forms.gle/ouyZDXbdzLqbpuz2A>

STUDENT INCHARGES
S. Divakar - 8838314769
P. Udhaya kumar - 7871654304

Follow at yrckare

Jency Emi-jencyemicarolin1110@gmail.com

KWARANTINA-2020

KWARANTINA-2020 was a special event conducted for higher secondary school students. This event was conducted for creating awareness among school students to save nature and environment. Counselling on opportunities in higher education was also provided for the participants. This event was conducted in the virtual mode using Google meet as a platform. This event encouraged the school students to exhibit their skills in photography, speaking, handicraft and quiz.



KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)

NATURE CLUB OF KARE

GREENY DICTION

EXCLUSIVELY FOR HIGH SCHOOL STUDENTS

ARTOPHILIA

FREE REGISTRATION

KWARANTINA 2020

EXHIBIT YOUR TALENTS THROUGH

kare.natureclub@gmail.com
before 05/08/2020

PROGRAM OFFICER
Dr. P. SIVAKUMAR
DEAN/STUDENTS AFFAIRS

PROGRAM CO-ORDINATOR
Ms. M. SUSHMITHA
sushmitha.m@gmail.com

STUDENT IN-CHARGES
P. ABINAYA
abipalani0708@gmail.com
KARTHIKN.E- 9087813361
ANANDHAN.K- 9786811203

QUIZZLY BEAR

EXCITING CASH PRIZES

CAPTURE THE NATURE

for more
[@natureclubkare](https://www.instagram.com/natureclubkare)

ENVIROFEST-2020

ENVIROFEST-2020 was a Virtual National level competition conducted on 05.09.2020. The event was conducted to create awareness about the environment and its surrounding.

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NATURE CLUB OF KARE
PROUDLY PRESENTS
ENVIROFEST--2020
NATIONAL LEVEL VIRTUAL FEST

CASHPRIZE AVAILABLE
e-certificates will be provided

FREE ENTRY
PHOTOHOLIC
KNACK
TIE IN
DAWKINS CONTEST

REACH US WITH YOUR MASTERPIECES BEFORE 5 PM, 04.09.2020

PROGRAM OFFICER: Dr. P. SIVAKUMAR
DIRECTOR-STUDENT AFFAIRS
STAFF COORDINATOR: MS M. SUSHMITHA
sushmitha.m@klu.ac.in

FOLLOW US ON @natureclubkare

EXHIBIT YOUR TALENTS THROUGH
kare.natureclub@gmail.com

for queries:
P. ABINAYA. - abipalani0708@gmail.com
E. KARTHIKEYAN. - 9087813361

OZONUS -2020

Nature club conducted an event namely "OZONUS 2020->Green era". The event was conducted to spread awareness on the effect of pollution on the depletion of ozone layer. Mr. K. Praveen, General Manager of Department of Environmental Management, Bhilai steel plant-SAIL was the chief guest for the event. He delivered a motivational talk on Preservation of Ozone layer and Placard event was conducted in which around 46 people actively participated in the contest.

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OZONUS 2020 → **GREEN ERA**

Awareness programme on ozone layer preservation
GUEST OF THE DAY

Mr. K. PRAVEEN
General Manager
Environmental Management
Department
Bhilai Steel Plant- SAIL

STUDENT IN-CHARGES
P. ABINAYA
abipalani0708@gmail.com
KARTHIK N. E. - 9087813361
ANANDHAN. K. - 9786811203

PROGRAM OFFICER
Dr. P. SIVAKUMAR
DEAN/ STUDENTS AFFAIRS

PROGRAM CO-ORDINATOR
Ms. M. SUSHMITHA
sushmitha.m@gmail.com

EXCITING EVENT AND CASH PRIZE

FREE REGISTRATION

for more @natureclubkare

CALADRIUS – 2K20

Fine Arts Club conducted A Virtual Cultural Fest Caladrius 2020 on August 7, 2020. The students from other colleges and schools participated in the event. More than 10 events with exciting cash prizes were conducted.

KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(RENOWNED TO BE UNIVERSITY)

FINE ARTS CLUB
PRESENTS

CALADRIUS

AUG 7, 2020 **2020**

More than
15+
events

ENTER
TO WIN
PRIZES

organised by
PYROS

CALADRIUS 2020

STUDENT INCHARGE
M. COOGL
MURUGUDE

S. VINEETHA
S. SATHISHA

HEAD INCHARGE
A. JAYARAJAN
S. SATHISHA

4. RESEARCH

SEMINARS, CONFERENCES, WORKSHOPS, WEBINARS, TRAINING PROGRAMS, GUEST LECTURE, CERTIFICATION PROGRAMS ORGANIZED

No.	Title	Organizing Department	Date	No. of Attendees
1.	One Day Online Workshop on Low Power VLSI Design Techniques	Electronics Communication Engineering	03.07.2020	231
2.	International webinar series on "Interdisciplinary approach in Healthcare applications: Challenges and opportunities"	Biomedical Engineering	10.07.2020 to 12.07.2020	68
3.	Four Day - Workshop on Computing Skills	Physics	17.07.2020 - 21.7.2020	95
4.	One week Training on English Language Communication Skills	Catering Science & Hotel Management	20.07.2020 - 29.07.2020	16
5.	Guest Lecture of EXCEL cruciality for employment	Business Administration	20.07.2020	168
6.	Webinar series on "Light & Biology"	Biomedical Engineering	20.07.2020 - 23.07.2020	54
7.	Guest Lecture on Digital Marketing	Business Administration	21.07.2020	168
8.	Guest Lecture on Recruitment and Selection Process	Business Administration	22.07.2020	168
9.	Online webinar program on Life after COVID - 19: Digitalization: Man Vs Machine	Automobile Engineering	22.07.2020	63
10.	Recruitment And Selection Process	Business Administration	22.07.2020	53
11.	Tech Talk Programme on Cloud Computing and AWS	Computer Science and Engineering	23.07.2020	30
12.	A Career Guidance webinar on IC Layout Challenges	Electronics Communication Engineering	24.07.2020	88
13.	Industrial Lecture "Android Mobile Application Development and Testing"	Electronics Communication Engineering	25.07.2020	70
14.	Tech Talk Programme on "Recent trends in Artificial Intelligence"	Computer Science and Engineering	25.07.2020	53
15.	Next Step for Success-(Career Guidance Program)	Electronics Communication Engineering	25.07.2020	48
16.	Webinar on Electric Vehicle Technology	Automobile Engineering	25.07.2020.	47
17.	Webinar on Referencing and Citation in Report Preparation	Automobile Engineering	25.07.2020	33
18.	Tech talk Programme on Career Opportunities on Unified CISCO Communication networks	Computer Science and Engineering	27.07.2020	41

No.	Title	Organizing Department	Date	No. of Attendees
19.	Excel Cruciality For Employment Technical Training Introduction To Excel	Business Administration	27.07.2020 to 03.08.2020	34
20.	Decode your career path	Electronics Communication Engineering	27.07.2020	94
21.	Interdepartmental event on " MIX PIX"	Biomedical Engineering	27.07.2020	63
22.	Interdepartmental event on "Mind Grill"	Biomedical Engineering	28.07.2020	42
23.	Tech talk Programme on Career options for CSE Graduates in Govt.Sector	Computer Science and Engineering	28.07.2020	96
24.	Communication Skills for Engineers	Electronics Communication Engineering	28.07.2020	293
25.	Tech talk Programme on Recent trends on Digital media	Computer Science and Engineering	29.07.2020	56
26.	Hands-on Workshop on "Design and Assembly of Piston and Connecting Rod in Solid works"	Automobile Engineering	29.07.2020	28
27.	Virtual Workshop on Challenges and Opportunities in Bio composites	Automobile Engineering	29.07.2020	41
28.	Webinar on You are not Alone	Business Administration	29.07.2020	53
29.	Embracing the change - Simple and Impactful ways to manage the stress and anxiety during the COVID phase	Electronics Communication Engineering	30.07.2020	313
30.	Online Event on "Pencil Sketch" challenges	Biomedical Engineering	30.07.2020	35
31.	Online Event on "Mono act"	Biomedical Engineering	30.07.2020	41
32.	Online Event on "KARE Rock Singer"	Biomedical Engineering	30.07.2020	34
33.	Online Event on "Music Fest"	Biomedical Engineering	30.07.2020	56
34.	Online Event on "Art and Craft"	Biomedical Engineering	30.07.2020	22
35.	Online Event on "Video Making"	Biomedical Engineering	30.07.2020	30
36.	Three Days Workshop on Career Opportunities After Studying Physics: Discover Your Skills	Physics	30.07.2020 to 0.08.2020	55
37.	Do's and Don'ts in Engineering	Electronics Communication Engineering	31.07.2020	161
38.	Webinar on Queueing Theory	Mathematics	01.08.2020	71

No.	Title	Organizing Department	Date	No. of Attendees
39.	"Alumni Lecture Series"	Automobile Engineering	01.08.2020 to 02.08.2020	33
40.	Online Event on "Memory Check"	Biomedical Engineering	01.08.2020	25
41.	Online Event on "MEME Making"	Biomedical Engineering	01.08.2020	61
42.	Online Event to promote Biomedical Engineering "Explore Biomedical Engineering At KARE"	Biomedical Engineering	02.08.2020	20
43.	Online Event to promote Biomedical Engineering "Connecting Biomedical Engineering To The World"	Biomedical Engineering	02.08.2020	38
44.	Explore Biomedical Engineering at KARE	Biomedical Engineering	02.08.2020	40
45.	Techonology Session On Lumix S And Cx Series Camera	Visual Communication	03.08.2020	42
46.	HR Club Webinar on Placement Preparedness	Business Administration	07.08.2020	53
47.	GATE preparatory webinar on "How to open the GATE to enter into the house of the last few intellectuals"	Biomedical Engineering	07.08.2020	56
48.	A National Level Technical Virtual Symposium & Non-Technical Extra VagenzaEniac&Expresso2K20	Electronics Communication Engineering	08.08.2020	180
49.	Digital Dreams 2020	Computer Science and Engineering	08.08.2020	265
50.	National Level Virtual Technical Symposium Innovative Technologist within a Chemist INTECHEM-2020	Chemistry	08.08.2020	175
51.	Awareness Program on "Career Opportunities in Physics"	Physics	08.08.2020	87
52.	Webinar on Stock watchers Tool kit Fundamentals of Investment Analysis	Business Administration	08.08.2020	53
53.	Operations club Lecture on Logistics-Career Opportunities Forward	Business Administration	08.08.2020	53
54.	International webinar on "Putting hands together with healthcare professionals"	Biomedical Engineering	08.08.2020	25
55.	National level technical symposium "MEDVIOS 2K20"	Biomedical Engineering	08.08.2020 - 09.08.2020	34
56.	Webinar on Fundamentals of Clutch Design	Automobile Engineering	09.08.2020	59
57.	Webinar on Vehicle Aerodynamic with CFD Approach	Automobile Engineering	09.08.2020	26
58.	Virtual Hands-on Training Program on Vehicle Systems	Automobile Engineering	09.08.2020	10

No.	Title	Organizing Department	Date	No. of Attendees
59.	PEP Talk	Biomedical Engineering	10.08.2020	53
60.	Five Days Virtual Symposium - PHYSIKA 2.0	Physics	10.8.2020 - 14.8.2020	45
61.	Round table with stakeholders on "Prospects of Biomedical Engineering"	Biomedical Engineering	10-08-2020	38
62.	Tech Talk Programme on Learning data analytics through Visualization Tools	Computer Science and Engineering	11.08.2020	154
63.	IEEE Memberships and Resources	Electronics Communication Engineering	11.08.2020	233
64.	Webinar on Nanotechnology for Wearable Sensors	Physics	13.08.2020	85
65.	Two days hands on Training Programme on Computational Tools	Physics	13.08.2020 & 14.08.2020	14
66.	Mentimeter	Business Administration	13.08.2020	53
67.	How COVID-19 influencing consumer Behavior	Business Administration	14.08.2020	53
68.	Alumini Interaction	Business Administration	26.09.2020	53

ALUMNI ACTIVITIES



No.	Title	Organizing Department	Date
1.	Webinar on "Unnum Unavea Marunthu"	Electrical and Electronics Engineering	24.07.2020
2.	One credit course on "Autonomous Vehicle Technology"		02.08.2020 – 03.08.2020
3.	Career Guidance and Employment Opportunities for Gen Z		12.08.2020
4.	ALUMCONN 2020	Business Administration	09.08.2020
5.	Alumni Interaction		26.09.2020
6.	Student Learning Series		22.07.2020
7.	Talk on "Scope for Biotechnology Students to become a Research Scientist"	Biotechnology	01.08.2020
8.	Talk on "The Art of Cracking GATE Exam – A Virtual Interaction"		08.08.2020
9.	FIP 2020 - Alumni Talk Program		12.09.2020
10.	Pep Talk on How to get Placement	Mechanical Engineering	01.08.2020
11.	Pep Talk on Core company placement and it's Preparation		02.08.2020
12.	The Road Trodden - A Pep Talk	English	05.08.2020
13.	Web Development		19.07.2020


No.	Title	Organizing Department	Date
14.	Introduction to Emerging Technologies oracle, DBMS, and SQL	Computer Science and Engineering	22.07.2020
15.	Cloud computing and AWS		23.07.2020
16.	Recent trends in Artificial Intelligence Technologies		25.07.2020
17.	Career opportunities on Unified CISCO Communication networks		27.07.2020
18.	Career options for CSE Graduates in Govt.Sector		28.07.2020
19.	Recent trends in Digital media		29.07.2020
20.	Cracking the interview code		30.08.2020
21.	Explore Biomedical Engineering at KARE	Biomedical Engineering	02.08.2020
22.	Round table with stake holders on "Prospects of Biomedical Engineering"		10.08.2020
23.	PEP Talk		10.08.2020
24.	Robotic Process Automation	Computer Applications	16-08-2020
25.	Agile method using in JIRA board		12-08-2020
26.	Career Development through Entrepreneurship	Food Technology	12-13 August 2020
27.	FIP 2020 - Alumni Talk Program		12.09.2020
28.	Use of Innovative Materials and Techniques in Building Construction		07.08.2020
29.	Role of Civil Engineers in Project Management		06.08.2020
30.	Career Guidance on "Higher Study Opportunities in Hotel Management"		17.07.2020
31.	Career Guidance to Pursue Master's Degree Abroad		24.07.2020
32.	Production Planning and Scheduling Challenges in dairy processing		25.07.2020
33.	Exploring the Practicality of Food Technological Field to Build a Fine Career		25.07.2020
34.	Career Guidance for Higher Studies in India		27.07.2020
35.	Guidelines for Writing and Publishing Research Article		27.07.2020
36.	Uplifting Personal Skills Towards Digital Perspective and Secondary Earning		02.08.2020
37.	Organic career Development and Unknown Gem of Food Science		02.08.2020
38.	Webinar on Overview of HW product development life cycle	Electronics and Communication Engineering	25.07.2020
39.	Industrial Guest Lecture - IC layout challenges		27.07.2020
40.	Webinar on Flexible Electronics		29.07.2020
41.	Guest Lecture on Do's and Don't's in Engineering		31.07.2020
42.	Guest Lecture on Python for Image Processing		31.07.2020
43.	Importance of core competency for Electronic Engineer		01.08.2020
44.	National Level Technical Virtual Symposium Eniac		08.08.2020
45.	Alumni Talk Series on "Building a dream career in Automotive Industry"	Automobile Engineering	1-2 August 2020
46.	Two Days Alumni Lecture Program	Commerce	10.08.2020

IUCEE ACTIVITIES IN PARTNERSHIP WITH KARE

S. No	IUCEE Programme Name
1.	Students' Leadership Development Course
2.	Foundation Course on Research Methodology
3.	Clean and Green Campus Course
4.	Course on Artificial Intelligence
5.	Online Teaching Course
6.	Entrepreneurship Course
7.	EER Course
8.	IITD-IUCEE Automation Industry Programme in Smart Manufacturing
9.	Workshop on Cyber Hygiene using Virtual Labs
10.	Social Proton Virtual Laboratory
11.	IUCEE Soft Skills Course (Students)
12.	IUCEE Soft Skills Course (Faculty)
13.	IUCEE Leadership Summit
14.	IUCEE Student Summit
15.	IUCEE MRC Initiative
16.	ICTIEE 2021
17.	IUCEE-EWB Students Chapter
18.	IUCEE Transformation Award
19.	IUCEE Workshop – Innovative Curriculum Design

PHD VIVA- VOCE EXAMINATION DEFENDED BY FACULTY MEMBERS

Name of the Faculty member and Department	Supervisor	Thesis title	Date of viva-voce examination
 Ms. R. Srimathi Department of Mathematics	Dr. P. Paulraja	Multi decompositions Packings and Coverings of Regular Graphs	09-07-2020
Mr. M.J.Abinash Department of Information Technology	 Dr. V. Vasudevan	Gene Data for Cancer Classification using Hadoop Framework	03-08-2020

Name of the Faculty member and Department	Supervisor	Thesis title	Date of viva-voce examination
 <p>Mr. M. Krishna Paramathma Department of Electrical and Electronics Engineering</p>	Dr. D. Devaraj	Development of Advanced Metering System for Demand Response in Smart Grid Environment	07-08-2020
<p>Ms. T. Preethiya Department of Electronics and Communication Engineering</p>		Dr. A. Muthukumar Dr. S. Durairaj	Enhancement of Lifetime in Heterogeneous Cluster Based MWSN Using Energy Optimization
	<p>Mr. P. Mahadevan Department of Civil Engineering</p>	Dr. T.R. Neelakantan Dr. S.N. Ramaswamy	Rainfall Trends Towards Water Resources Management of Vaigai River Basin in Tamilnadu, India
<p>Mr. Raja Mohamed S Department of Electrical and Electronics Engineering</p>		Dr. P. Arunajeyanthi Dr. D. Devaraj	Novel Control Schemes for LVRT Enhancement in Grid Integrated Solar PV System
	<p>Ms. S. Kavitha Department of Mechanical Engineering</p>	Dr. P. Venkumar	Flexible Job Shop Scheduling Using Non-Traditional Algorithms

Name of the Faculty member and Department	Supervisor	Thesis title	Date of viva-voce examination
<p>Ms. M. Kalaiyarasi Department of Electronics and Communication Engineering</p> 	Dr. B. Perumal	Estimation of Deforestation Rate for SAR Images Using Soft Computing Techniques	26-08-2020
 <p>Mr. S. Sivakumar Department of Mechanical Engineering</p>	Dr. M. Adam Khan	Machinability and Biocompatibility Studies on Human Implant Materials	04-09-2020
<p>Mr. K. Arunprasath Department of Mechanical Engineering</p> 	Dr. V. Arumugaprabu Dr. P. Amuthakkann	Static and Dynamic Mechanical Performance Studies on Flax/Basalt Fiber Reinforced Polyester Hybrid Composites	07-09-2020
 <p>Mrs. Rajeswari Uppala Department of Biotechnology</p>	Dr. A. Muthukumaran	"Ecofriendly decolorization and Bio sorption of textile Azodyes, Eriochrome Black T and Amidoblack 10B using bacterial isolates Bacillus cereus RC1 and Kocuriakristinae RC3"	21-09-2020
<p>Mr. C. Bala Subramanian Department of Information Technology</p> 	Dr. S.P. Balakannan	Effective Localization in Wireless Sensor Network using Trajectory Planning of Mobile Anchors	22-09-2020

PROJECT GRANTS RECEIVED FROM GOVERNMENT AGENCIES

No.	Principal Investigator	Title of the Project	Funding Agency	Sanctioned Amount(Rs)	Letter Number and Date
1	Dr. C. Sowmya Dr. D. Gnanasekaran	Bibliometric analysis of global and Indian contribution in Pharmaceutical research	DST-NSTMIS	1876600	DST/NSTMIS/05/13/2018-19 25.08.2020
2	Dr. J. Deny	DST-NIMAT	NIMAT	3800000	EDII/DST-NIMAT/19-20/324 12.08.2019
3	Dr. K. Sundar Dr. T. Kathiresan Dr. K. Selvaraj Dr. C. Ramalingan	Developing an extract of Sidacordifolia as a therapy for epilepsy	DBT	2432000	BT/PR36633/TRM/120/277/2020 15.09.2020
4	Dr. J. Deny	MSME-TBI	MSME	25000000	Sanctioned
5	Dr. Seshadhri Srinivasan Dr. V. Vasudevan Dr. B. Subathra	ATAL Community Innovation Center	ATAL	18000000	Sanctioned
6	Dr. A. Muthukumaran	Evaluation of biocompatible collagen-chitosan selenium nanoparticles (SeNPS) scaffold for cardiac tissue engineering applications in wistar rat	ICMR	1800000	Sanctioned
7	Department of Mechanical Engineering	AICTE-Modrob	AICTE	2000000	Sanctioned
8	Department of Electronics and Communication Engineering	AICTE-Modrob	AICTE	2000000	Sanctioned

PATENT

No	Department	Patent Title	Patent Members Name	Application Number	Filing Date
1	Mechanical Engineering	Power Operated Water Dispenser with Foot Pedal Switch	P. Jayakumar	330848-001	08.07.2020
2	Electrical Electronics Engineering	Wireless Mouse System With Power Saver Technology	P ArunaJeyanthi, Sakthivel, Duraipandi, punitha vathi, Sharma, Ibrahim, Dileep, Niranj, Srinivasa Rao, Ramesh Babu, Saludeen	202041033 101 A	21.08.2020

No	Department	Patent Title	Patent Members Name	Application Number	Filing Date
3	Electrical Electronics Engineering	A Robotics Based Muscular Spasmrelief Device	Duraipandi, P Aruna, Pradhan, Divakara Rao, Sharma, Sathiavel, Sharma, Snehalatha, Sultana, Towheed, Niraj	202102322	18.09.2020
4	Electronics Instrumentation Engineering	FPGA Based Predictive Current Controlled FI-Dstatcom for Load Compensation in Electric Distribution System	Dheepanchakkravathy A P Muthuvel, Balaji V R,	202041040 227 A	17.09.2020

KARE INNOVATION CENTRE

Name of the activity	Date(s)	No. of Participants
Project-Way finder to Career opportunities	05.08.2020	28
Online Training on Intellectual Property Rights	17.08.2020	35
Workshop on “Entrepreneurship and Innovation as Career Opportunity”	22.08.2020	75
Awareness Program for Tamil Nadu student Innovators Award 2020	30.08.2020	99
Entrepreneurship Orientation Camp 1	10.09.2020	26
Entrepreneurship Orientation Camp 2	11.09.2020	86
Entrepreneurship Orientation Camp 3	14.09.2020	85
Entrepreneurship Orientation Camp 4	15.09.2020	78
Entrepreneurship Orientation Camp 5	16.09.2020	84
Entrepreneurship Orientation Camp 6	17.09.2020	87
Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship)	21.09.2020	174
Session on Process of Innovation Development	06.09.2020	92
Orientation session for all students & faculties of Institute by Innovation Ambassador	10.09.2020	80

HIGH IMPACT FACTOR PUBLICATION



Dr. Vishnuvarthanan, Department of Biomedical Engineering, published a research paper titled ‘Covid-19 classification by FGCNet with deep feature fusion from graph convolutional network and convolutional neural network enhancement’ in Information Fusion Journal which has an Impact Factor of 13.669.

AICTE INITIATIVES

S. No	Name of the AICTE Initiative	Remarks
1	ATAL FDP during the month Nov-Dec 2020	41 faculty members across all the engineering departments registered to participate in the ATAL FDP in various nitche areas.
2	Future-Proof Your Teaching Skills, an exclusive two-week learning program in partnership with IIT-Delhi	4 faculty members across all the departments registered for the program. Their registration is yet to be confirmed.
3	On-line Workshops Incorporating Universal Human Values in Technical Education.	Refresher course will be started from December 2nd week.
4	NITTT program	29 faculties across all the engineering departments registered and undergoing the training.

5. MISCELLANEOUS

IQAC MEETING

The IQAC fourth quarter meeting was held on 08.08.2020 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.ArunRajagopal, Director (Data Science), Evive Software Analytics, Bengaluru attended the same and offered their valuable suggestions.

Few key points are:

- The University library access by students during this pandemic period since all the things are happening through online the same has been facilitated or also other alternative for accessing books by the students from their home be arranged.
- Members suggested to organize programs on NEP 2020 and EIA 2020 in such a way that all the stakeholders be aware about the government initiatives.
- Members also appreciated the significant improvement in NIRF rankings by KARE and made a recommendation to analyze the scope for further improvement in the next year rankings.
- The placement drives and training undertaken during the lockdown period was well appreciated by the members.
- During the fourth quarter all the initiatives that were taken during this pandemic period was applauded by the members and notify that university move with a visionary approach to satisfy all the stakeholders.

SOME OF THE PUBLICATIONS ADDED DURING JULY – SEPTEMBER 2020 IN SCOPUS DATABASE

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O.I	Page start	Page end
1.	Suresh M., Siva V., Bahadur S.A., Athimoolam S.	Structural elucidation, hydrogen bonding motifs and solid-state properties of p-toluene sulfonate salt of α^2 -alaninine for optoelectronic device application	2020	Journal of Molecular Structure	1221		128820		
2.	John K.M., ThirumalaiKumaran S.	Backup support technique towards damage-free drilling of composite materials: A review	2020	International Journal of Lightweight Materials and Manufacture	3	4		357	364
3.	Nair A., Khan M A.	Studies on effect of laser processed stellite 6 material and its electrochemical behavior	2020	Optik	220		165221		
4.	Muthukumar A., Kavipriya A.	Finger knuckle print recognition using MMDA with fuzzy vault	2020	International Arab Journal of Information Technology	17	4		554	561

5.	Chithambar Ganesh A., Muthukannan M., Dhivya M., Sangeetha C.B., Daffodile S.P.	Structural performance of hybrid fiber geopolymer concrete beams	2020	IOP Conference Series: Materials Science and Engineering	872	1	12155		
6.	Chithambar Ganesh A., Muthukannan M., Aakash S., Prasad, Subramanaian B.	Energy efficient production of geopolymer bricks using industrial waste	2020	IOP Conference Series: Materials Science and Engineering	872	1	12154		
7.	Lavanya B., Kuriya P.D., Suganesh S., Indrajith R., Chokkalingam R.B.	Properties of geopolymer bricks made with flyash and GGBS	2020	IOP Conference Series: Materials Science and Engineering	872	1	12141		
8.	Suresh Kumar A., Muthukannan M., Sri Krishna I.	Optimisation of bio medical waste ash in GGBS based of geopolymer concrete	2020	IOP Conference Series: Materials Science and Engineering	872	1	12163		

9.	Prakash A.C., Sharma N.K., Vanitha S.	Macro algae based adsorption for treatment of cotton processing wastewater	2020	IOP Conference Series: Materials Science and Engineering	872	1	12186		
10.	Ramesh B.K., Pillai M.V., Vanitha S., Diagu J.	Analysis of surface water quality for irrigation in Padmanabhapuram fort (Kanyakumari District, Tamil Nadu) India	2020	IOP Conference Series: Materials Science and Engineering	872	1	12191		
11.	Shivani M., Vanitha S.	Removal of organics in crepe cotton wastewater using aerobic biodegradation	2020	IOP Conference Series: Materials Science and Engineering	872	1	12184		
12.	Malathy A., Selvapalam N., Vanitha S., Sivapragasam C.	Study on effect of aeration time on methylene blue removal using titanium dioxide	2020	IOP Conference Series: Materials Science and Engineering	872	1	12185		

13.	Mukilan K., Irene A.D.K.B., Shenbagavalli S., Muthuprakash P.	Experimental study on steel fibre reinforced concrete with a partial replacement of cement by rice husk ash	2020	IOP Conference Series: Materials Science and Engineering	872	1	12140		
14.	Velumani P., Mukilan K., ManikandaPrabhu P.	Long term preservation of rainwater for the exploitation of potable water	2020	IOP Conference Series: Materials Science and Engineering	872	1	12116		
15.	Arunkumar K., Muthukannan M., Dinesh Babu A., Hariharan A.L., Muthuramalingam T.	Effect on addition of Polypropylene fibers in wood ash-fly ash based geopolymer concrete	2020	IOP Conference Series: Materials Science and Engineering	872	1	12162		
16.	Nagalingam G., Chokkalingam R.B.	Strength studies on geopolymer concrete with GGBS and Fly ash	2020	IOP Conference Series: Materials Science and Engineering	872	1	12107		

17.	Premkumar R., Chokkalingam R.B., Shanmugasundaram M., Ragasree A.	Study on mechanical properties of alkali activated binary blended binder containing steatite powder and fly ash / GGBS	2020	IOP Conference Series: Materials Science and Engineering	872	1	12153		
18.	Malayali A.B., Chokkalingam R.B., Hari Krishnan T., Nagaselvam P.	Effect of molar content on GGBS based geopolymer pervious concrete	2020	IOP Conference Series: Materials Science and Engineering	872	1	12146		
19.	Nagaraj P., Surendra Rao J., Muneeswaran V., Sudheer Kumar A., MuthamilSudar K.	Competent Ultra Data Compression by Enhanced Features Excerpton Using Deep Learning Techniques	2020	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020			9121126	1061	1066

20.	Satheesh Kumar M., Srinivasan S., Subathra B.	Demand Response Program for Shiftable Modes in Variable Tariff Zones of an Utility	2020	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020			9120922	1044	1049
21.	Kanniga Devi R., Muthukannan M.	An Internet of Things- based Economical Agricultural Integrated System for Farmers: A Review	2020	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020			9121006	666	673
22.	Elizabeth Rani G., Murugeswari R., Rajini N.	Edge Detection in Scanning Electron Microscope (SEM) Images using Various Algorithms	2020	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020			9121110	401	405

23.	Nagaraj P., Muneeswaran V., Veera Reddy L., Upendra P., Vishnu Vardhan Reddy M.	Programmed Multi- Classification of Brain Tumor Images Using Deep Neural Network	2020	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020			9121016	865	870
24.	Bose S.A., Raja S., Jeyaram K., Arockiasamy S., Velmurugan S.	Investigation of fermentation condition for production enhancement of polyhydroxyalkanoate from cheese whey by pseudomonas sp.	2020	Journal of Microbiology, Biotechnology and Food Sciences	9	5		890	898
25.	Alagarsamy S.B., Murugan K.	Safe biometrics system integrated with srmed security	2020	Journal of Green Engineering	10	4		1328	1368
26.	Mahadevan P., Ramaswamy S.N.	Statistical studies on planning for water resource management on vaigai reservoir catchment on vaigai river, Tamil Nadu state, India	2020	Indian Journal of Geo-Marine Sciences	49	4		665	677

27.	Japhne A., Murugeswari R.	Opinion Mining based complex polarity shift pattern handling for improved sentiment classification	2020	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020			9112565	323	329
28.	Ramalakshmi K., Mariappan S.	A study on influence of OCB factors on emotional intelligence	2020	Journal of Advanced Research in Dynamical and Control Systems	12	5 Special Issue		864	867
29.	Eswari M.S., Karkuzhali S.	Survey on segmentation and classification methods for diagnosis of glaucoma	2020	2020 International Conference on Computer Communication and Informatics, ICCCI 2020			9104216		
30.	Praveen Kumar B., Sundar S., Raguraman P., Hariharasudan A.	A study on sustainable development strategies for Sivakasi town	2020	Journal of Critical Reviews	7	13		59	65

31.	Subburaj S., Irulappasamy S., Ramar R.	Automotive drive-shaft health condition monitoring and relaying using internet of things (IOT)	2020	Defence S and T Technical Bulletin	13	1		1	10
32.	Gopalan K., Pothiraj S.	A saboteur and mutant based built-in self-test and counting threshold-based built-in self repairing mechanism for memories	2020	Journal of Ambient Intelligence and Humanized Computing			2021	6651	66663
33.	Priyakumari N., Mariappan S.	Impact of indian soap opera on women's positive behavoieur	2020	Journal of Critical Reviews	7	12		1104	1110
34.	Vijayalakshmi K., Selvarani M.	What makes a student bright? how emotional intelligence mediates the relationship between student's self-efficacy & academic achievement	2020	Journal of Critical Reviews	7	12		1091	1097
35.	L B., M M.	Investigation into valuation of land using remote sensing and GIS in Madurai, Tamilnadu, India	2020	European Journal of Remote Sensing	54	2	2021	167	175

36.	Gowthaman S., Pakiya Pradeep A.	Experimental investigation on performance and emission characteristics of diesel lean burn hcci engines	2020	International Journal of Vehicle Structures and Systems	12	1		89	93
37.	Gowthaman S., Balamurugan G.	Effect of injection pressure on performance and emission characteristics HCCI engines	2020	International Journal of Vehicle Structures and Systems	12	1		94	97
38.	EzhilArasi S., Ranjithkumar R., Devendran P., Krishnakumar M., Arivarasan A.	Electrochemical evaluation of binary Ni ₂ V ₂ O ₇ nanorods as pseudocapacitor electrode material	2020	Ceramics International	46	14	2020	22709	22717
39.	Karkuzhali S., Mishra A., Ajay M.S.	Design of neurocane for blind community using IoT device	2020	2020 International Conference on Computer Communication and Informatics, ICCCI 2020			9104075		

40.	Murugesan K., Jeyasingh V., Lakshminarayanan S., Selvapalam N., Das G., Piramuthu L.	Aryl- CH and aryl- thioether supported selective colourimetric sensing of cyanide. Effect of π - conjugation /off- the-ring TM thioether functionality in cyanide selectivity	2020	International Journal of Environmental Analytical Chemistry				1	10
41.	Premalatha K., Arumugam S., Lee Y.- C., Wang T.-M.	Local antimagic chromatic number of trees - I	2020	Journal of Discrete Mathematical Sciences and Cryptography			https://doi.org/10.1080/09720529.2020.1772985		
42.	Pandhi N., Shrinivasan S.	Marine bacteria: A storehouse of novel compounds for biodegradation	2020	Microbial Bioremediation & Biodegradation				485	503
43.	Ramani D.R., Sundar G.N., Bhuvaneshwary N., Narmadha D., Nagaraj P.	Data visualization and depiction interface to develop cancer epidemic dataset	2020	International Journal of Psychosocial Rehabilitation	24	8		1342 1	13429

44.	Velsankar K., Vinothini V., Sudhahar S., Kumar M.K., Mohandoss S.	Green Synthesis of CuO nanoparticles via Plectranthusamboinicus leaves extract with its characterization on structural, morphological, and biological properties	2020	Applied Nanoscience (Switzerland)	10	2020	3953	3971
45.	Ajithram A., WinowlinJappes J.T., Muthu Kumar T.S., Rajini N., Rajulu A.V., Rangappa S.M., Siengchin S.	Water hyacinth for biocompositesâ€™an overview	2020	Biofibers and Biopolymers for Biocomposites: Synthesis, Characterizati on and Properties			171	179
46.	Karkuzhali S., Mishra A., Ajay M.S., Wilson Prakash S.	Glaucoma diagnosis based on both hidden features and domain knowledge through deep learning models	2020	2020 International Conference on Computer Communicatio n and Informatics, ICCCI 2020		9104157		

47.	Ravuvar H.N., Goda H., Sumathi R., Chinnasamy P.	Smart health predicting system using K-means algorithm	2020	2020 International Conference on Computer Communication and Informatics, ICCCI 2020			9104206		
48.	Sekar S., Suresh Kumar S., Vigneshwaran S., Velmurugan G.	Evaluation of Mechanical and Water Absorption Behavior of Natural Fiber-Reinforced Hybrid Biocomposites	2020	Journal of Natural Fibers				1	11
49.	Selvakumar K., Kumaresan M., Sami P., Swaminathan M.	Eco-friendly heteropoly acid supported on natural clay for the synthesis of calix[4]resorcinarene derivatives	2020	Indian Journal of Chemical Technology	27	2		185	191
50.	Kumaresan M., Saravanan V., Sami P., Swaminathan M.	A green solid acid catalyst 12-tungstophosphoric acid H ₃ [PW ₁₂ O ₄₀] supported on g-C ₃ N ₄ for synthesis of quinoxalines	2020	Research on Chemical Intermediates	46	52	2020	4193	4209

51.	Madavi B., Vijayakarthish P., Sheshappasheshappa S.N., Sangeetha M., Dhanasekaran S., Murugan B.S.	Cloud computing performance analysis strategy to enhance the QOS for imminent it sector	2020	Journal of Advanced Research in Dynamical and Control Systems	12	7		372	379
52.	Muthu Kumar T.S., Senthilkumar K., Chandrasekar M., Subramaniam S., Rangappa S.M., Siengchin S., Rajini N.	Influence of fillers on the thermal and mechanical properties of biocomposites: An overview	2020	Biofibers and Biopolymers for Biocomposites: Synthesis, Characterization and Properties				111	133
53.	Chandrasekar M., Siva I., Kumar T.S.M., Senthilkumar K., Siengchin S., Rajini N.	Influence of Fibre Inter-ply Orientation on the Mechanical and Free Vibration Properties of Banana Fibre Reinforced Polyester Composite Laminates	2020	Journal of Polymers and the Environment	28		2020	2789	2800
54.	Dhanasekaran S., Vijayakarthish P., Sivaneshkumar A., Hariharasita Raman S., Robertsingh A., Murugan B.S., Vasudevan V.	Intelligent cloud service organization and resource provisioning in virtual agent system	2020	Journal of Critical Reviews	7	13		1119	1122

55.	Nayak S.Y., Sultan M.T.H., Shenoy S.B., Kini C.R., Samant R., Shah A.U.M., Amuthakkannan P.	Potential of Natural Fibers in Composites for Ballistic Applicationsâ€“A Review	2020	Journal of Natural Fibers				1	11
56.	Paulraj K., Ramaswamy S., Saravanakumar S., Shkir M., AlFaify S., Khan A.	Comprehensive Study on Nebulizer-Spray-PyrolyzedEu-Doped PbS Thin Films for Optoelectronic Applications	2020	Journal of Electronic Materials	49		2020	5439	5448
57.	Balachandran S., Karthikeyan R., Selvakumar K., Swaminathan M.	Photo-electrocatalytic activity of praseodymium oxide modified titaniananorods	2020	International Journal of Environmental Analytical Chemistry				1	17
58.	Li K., Li C., Tian H., Yuan L., Xiang A., Wang C., Li J., Rajulu A.V.	Multifunctional and Efficient Air Filtration: A Natural Nanofilter Prepared with Zein and Polyvinyl Alcohol	2020	Macromolecular Materials and Engineering	305	8	2000239		
59.	Kamatchi K., Jeyaprakash H., Vairachilai S.	A new secure group key transfer protocol in big data	2018	Journal of Advanced Research in Dynamical and Control Systems	10	6 Special Issue		1888	1893

60.	Ranjithkumar R., Lakshmanan P., Devendran P., Nallamuthu N., Sudhahar S., Kumar M.K.	Investigations on effect of graphitic carbon nitride loading on the properties and electrochemical performance of g-C ₃ N ₄ /TiO ₂ nanocomposites for energy storage device applications	2021	Materials Science in Semiconductor Processing	121		105328		
61.	Raja A., Rajasekaran P., Vishnu B., Selvakumar K., Yeon Do J., Swaminathan M., Kang M.	Fabrication of effective visible-light-driven ternary Z-scheme ZnO-Ag-BiVO ₄ heterostructured photocatalyst for hexavalent chromium reduction	2020	Separation and Purification Technology	252		117446		
62.	Nesarani A., Ramar R., Pandian S.	An efficient approach for rice prediction from authenticated Block chain node using machine learning technique	2020	Environmental Technology and Innovation	20		101064		
63.	Shanthi D., Rajeswari K., Udhaya Kumar C., Vidhyasagar T., Velayutham Pillai M.	Synthesis, NMR and single crystal studies of (E)-tert-butyl 2-(3-methyl-2,6-diarylpiperidin-4-ylidene)hydrazinecarboxylates	2020	Chemical Data Collections	29		100512		
64.	Karthika A., Seenivasagan R., Kasimani R., Babalola O.O., Vasanthi M.	Cellulolytic bacteria isolation, screening and optimization of enzyme production from vermicompost of paper cup waste	2020	Waste Management	116			58	65
65.	Senthil T., Nivetha D., Mounika S.	Energy efficient accident alert system with location based services	2020	Journal of Green Engineering	10	6		3051	3059

66.	Murugaboopathi G., Gowthami V.	Investigation of energy performance in underwater using acoustic sensor network	2020	Journal of Green Engineering	10	4		1653	1662
67.	Danalakshmi D., Prathiba S., Idhayaselvi A.	Control strategies on speed of dc motor and power sensor based speed regulator using scilab	2020	Journal of Green Engineering	10	3		646	662
68.	Murugan B.S., Vinod D., VijayaKarthik P., Dhanasekaran S., Thaha M.	Energy efficient resource allocation using hybrid genetic algorithm in cloud	2020	Journal of Green Engineering	10	3		882	896
69.	Gowthami V., Murugaboopathi G.	Secure cubic dimension acoustic and routing in acoustic sensor network	2020	Journal of Ambient Intelligence and Humanized Computing	12		2021	7225	7234
70.	Anitha M.	A study on some classes of topogenic graph	2020	International Journal of Psychosocial Rehabilitation	24	8		5675	5684
71.	Sivakumar D.	Wastewater treatment and bioelectricity production in microbial fuel cell: salt bridge configurations	2020	International Journal of Environmental Science and Technology	18		2021	1379	1394
72.	Karthik K., Jeyakumar S., Sebastin J.S.	Optimization of wavy cylinder for aerodynamic drag and aeroacoustic sound reduction using computational fluid dynamics analysis	2020	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	235	11	2021	1979	1991

73.	Murugeswari S., Murugan K.	Bio-inspired Mimosa pudica algorithm for energy-efficient wireless video sensor networks	2020	International Journal of Communication Systems	33	16	2021 Article No. e4577		
74.	Arunpandian M., Sivaganesh D., Revathy M.S., Selvakumar K., Arunachalam S., Geetha D.	Facile synthesis of spherically SrWO ₄ nanomaterials via surfactant-assisted co-precipitation method: an affordable catalyst for the mitigation of carcinogenic organic dye	2020	International Journal of Environmental Analytical Chemistry			2020 DOI: 10.1080/ 0306731 9.2020.18 03847		
75.	Sivaganesh D., Saravanakumar S., Sivakumar V., Sasikumar S., NandhaGopal J., Ramanathan R.	ZnWO ₄ :Eu ³⁺ phosphor with intense blue LED excitation: photoluminescence and electron density distribution analysis	2020	Luminescence	36	1	2021	99	109
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77.	Priyadharsini C.I., Marimuthu G., Pazhanivel T., Anbarasan P.M., Aroulmoji V., Siva V., Mohana L.	Sol-gel synthesis of Co ₃ O ₄ nanoparticles as an electrode material for supercapacitor applications	2020	Journal of Sol-Gel Science and Technology	96	2	2020	416	422
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80.	Elangovan N.D., Dhanabalan A.K., Gunasekaran K., Kandimalla R., Sankarganesh D.	Screening of potential drug for Alzheimer's disease: a computational study with GSK-3 β inhibition through virtual screening, docking, and molecular dynamics simulation	2020	Journal of Biomolecular Structure and Dynamics			2020 doi: 10.1080/ 0739110 2.2020.18 05362		
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82.	Murugesan K., Jeyasingh V., Lakshminarayanan S., Selvapalam N., Dass G., Piramuthu L.	Anion-binding-induced and reduced fluorescence emission (ABIFE & ABRFE): A fluorescent chemo sensor for selective turn-on/off detection of cyanide and fluoride	2021	Spectrochimic aActa - Part A: Molecular and Biomolecular Spectroscopy	245		118943		

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86.	Balakiruthiga B., Deepalakshmi P., Mohanty S.N., Gupta D., Pavan Kumar P., Shankar K.	Segment routing based energy aware routing for software defined data center	2020	Cognitive Systems Research	64			146	163
87.	Balachandran S., JeevaJothi K., Selvakumar K., Bhat D.K., Sathiyarayanan K., Swaminathan M.	Solar active ZnOâ€“Eu2O3 for energy and environmental applications	2020	Materials Chemistry and Physics	256		123624		

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94.	Shamsa K., Rajaitha P.S.M., Vinoth S., Murugan C., Rameshkumar P., Pandikumar A.	In situ formed zinc oxide/graphitic carbon nitride nanohybrid for the electrochemical determination of 4-nitrophenol	2020	MicrochimicaActa	187	10	552		
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98.	Sandeep V., Pravin J.C., Ramesh Babu A., Prajoon P.	Impact of AlInN Back-Barrier over AlGaIn/GaN MOS-HEMT with HfO Dielectric Using Cubic Spline Interpolation Technique	2020	IEEE Transactions on Electron Devices	67	9	9159895	3558	3563

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102.	Dhakshina Kumar S., Esakkirajan S., Bama S.	A non destructive tomato grading and sorting mechanism using binary SVM pair based classifier for sustainable agricultural practices	2020	Journal of Green Engineering	10	7		3637	3654
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109.	Muthuvinayagam M., Sundaramahalingam K.	Characterization of proton conducting poly[ethylene oxide]: Poly[vinyl pyrrolidone] based polymer blend electrolytes for electrochemical devices	2020	High Performance Polymers	33	2	2021	205	216

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12 7.	Sundarakannan R., Arumugaprabu V., Manikandan V., Deepak Joel Johnson R.	Tribo Performance Studies on Redmud Filled Pineapple Fiber Composite	2018	Materials Today: Proceedings	24			1225	1234

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