



QUARTERLY NEWSLETTER III

JULY - SEPTEMBER 2021



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

Prepared by the Office of Accreditation and Ranking

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1. GENERAL

PARTICIPATION IN RANKING AND ACCREDITATIONS

- THE Subject validation 2021 - Data was submitted successfully on 01.07.2021.
- Mental Health Wellbeing (MHW) - Kalasalingam Academy of Research and Education is ranked 8th across India and has been positioned in the 'A1 Band: Institution of Excellence' category on 05.07.2021.
- CAREERS 360 - Our University has been ranked "AAAA" among the Central/Deemed/State Private Universities in Tamil Nadu on 14.07.2021.
- Times Higher Education (THE) Impact Ranking 2022 - Registration done successfully on 23.07.2021.
- Our university is ranked 5th among all Top Private Institutions in the Times of India Survey, on 27.07.2021
- Times Higher Education (THE) World Ranking 801-1000 Band - Overall (International) on 02.09.2021.
- KARE was ranked in NIRF 2021 as follows. KARE was ranked one among the top 50, under university category on 09.09.2021.
 - University 50
 - Engineering 56
 - Overall 74



- KARE has been ranked in the Times Higher Education (THE) World University Rankings 2022 based on subjects on 16.09.2021 as follows:
 - Physical Sciences - Ranked 601-800
 - Engineering - Ranked 601-800
 - Computer Science - Ranked 401-500
 - Emerging Economies - Ranked 301-350

- KARE has been ranked the 21st in Private Institutions and the 30th in Overall in Times Engineering Ranking Survey, 2021.

AICTE NATIONAL LEVEL CLEAN AND SMART CAMPUS AWARD 2020

KARE has been awarded the 3rd prize by AICTE on 05.09.2021 for the application of Indian Knowledge Systems in maintaining the campus as a clean and smart campus.



Our Honorable Vice President Dr. S. Shasi Anand receiving the Certificate of Excellence from Honorable Minister of Education Shri. Dharmendra Pradhan.

INDEPENDENCE DAY CELEBRATION

The 75th Independence Day was celebrated in KARE campus on 15.08.2021. Thiru. K. Dharmaraj, Special Officer, Finance Office, was the chief guest.



2. ACADEMICS

PARTICIPATION OF FACULTY MEMBERS IN CONFERENCES, SEMINARS, WORKSHOPS

No	Department	Participants
1.	Automobile Engineering	2
2.	Biotechnology	1
3.	Civil Engineering	1
4.	Commerce	2
5.	Computer Science and Engineering	25
6.	Electronics and Communication Engineering	30
7.	Instrumentation and Control Engineering	1
8.	Physics	1

RESEARCH, INNOVATION AND RANKING WEBINAR

National Webinar on Research, Innovation and Ranking was organised on 11.08.2021 by MoU Innovation Cell – AICTE through online mode. Our Honorable Vice- Chancellor Prof. Dr. R. Nagaraj was a resource person.



YOUNG SCIENTIST AWARD

Dr. Jayato Nayak, Associate Professor, Department of Chemical Engineering received the “Young Scientist Award” from International Scientist Awards 2021 on Engineering, Science and Medicine.



The award certificate features a decorative green vine graphic in the top-left corner. At the top center is the logo for VDGGOOD Technology Factory, which includes a circular emblem with a stylized 'y' and 'g' and the text 'VDGOOD Technology Factory'. Below the logo, the text reads 'International Scientist Awards 2021 On Engineering, Science and Medicine' and '10 & 11-Sep-2021 | Coimbatore, India'. A central portrait of Dr. Jayato Nayak is surrounded by four circular callouts: 'Professional Experiences 08', 'Research Publications 39', 'Books & Book Chapters 14', and 'Conference Participation 10'. At the bottom, the award title 'Young Scientist Award' is presented to Dr. Jayato Nayak, Associate Professor at the Department of Chemical Engineering, School of Bio and Chemical Engineering (SBCE), Kalasalingam Academy of Research and Education (Deemed to be University), Tamilnadu, India.

VDGOOD[®]
Technology Factory

International Scientist Awards 2021
On
Engineering, Science and Medicine
10 & 11-Sep-2021 | Coimbatore, India

Professional Experiences
08

Research Publications
39


Books & Book Chapters
14

Conference Participation
10

Young Scientist Award
Presented to
Dr. Jayato Nayak
Associate Professor,
Department of Chemical Engineering,
School of Bio and Chemical Engineering (SBCE),
Kalasalingam Academy of Research and Education (Deemed to be University)
Tamilnadu, India.

DR. SARVEPALLI RADHAKRISHNAN EMINENT PROFESSOR AWARD 2021

Dr. D. Sivakumar, Professor, Department of Agricultural Engineering received “Dr. Sarvepalli Radhakrishnan Eminent Professor Award 2021 in Environmental Engineering” from Centre for Professional Advancement, Andhra Pradesh.



**CENTER FOR PROFESSIONAL
ADVANCEMENT**
Continious Education
A Unit of IMRF Regd with Govt of India NITI Aayog NGO Darpan |
ESTD: U/S 35 of 2001, Govt of A.P, India | HQ : Vijayawada, Andhra Pradesh,

DIRECTOR (Academics) **DATE: 31/08/2021**

To
Dr. Sivakumar Durairaj
Professor and Head
Department of Agricultural Engineering
Kalasalingam Academy of Research and Education,
Krishnankoil, Tamil Nadu, India.

Respected Sir/Madam

Sub: Invitation - Dr. Sivakumar Durairaj - **Dr. Sarvepalli Radhakrishnan Eminent Professor Award 2021 in Environmental Engineering** - reg.

Congratulations, We are Proud of You.

Having witnessed your rich Career Profile, Upon the endorsements of Center for Professional Advancement Executive Council, the National Teachers Day Awards 2021 Committee proudly feels as a pleasure to confer your Profile for **Dr.Sarvepalli Radhakrishnan Eminent Professor Award 2021 in Environmental Engineering**.

Upon your consent we would like to honour you during the Teachers Day Celebrations at Center for Professional Advancement International Campus, India on September 5th 2021 at 05.00 PM IST Virtually via Zoom.

Looking forward to meeting you on the Online Award Ceremony.

Thanking you.

With greetings,
Ratnakar
PROF. DR.RATNAKAR
Director (Academics), CPACE

3. STUDENT SUPPORT AND PROGRESSION

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 Agriculture and Processing Science	318
2.	School of Automotive and Mechanical Engineering	19
3.	School of Bio and Chemical Engineering	13
4.	School of Computing	1820
5.	School of Electronics and Electrical Technology	872
6.	School of Agriculture and Processing Science	4

STUDENTS PROJECT RECEIVED

K. Shanmuga Nanthini, V. Malathi and V. Priyadharsini final year students of the department of Biomedical Engineering have been sanctioned a sum of rupees 2,23,300/- under EDII - Innovation Voucher Program Scheme by PSM Enterprise

FRESHMAN INDUCTION PROGRAMME 2021

Freshman Induction Programme 2021 was conducted on 03.09.2021 AT 10 AM in the online mode.



KALASALINGAM
ACADEMY OF RESEARCH AND 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

The Chancellor, Vice Chancellor, Registrar, Board of Management,
Faculty Members & Students of
KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION
Cordially invite you to the
Inaugural of
Freshman Induction Programme 2021

Chief Guest
Lavanam Amballa
National Head - Campus Hiring,
Global Campus Hiring,
Bangalore,
Wipro Limited

Guest of Honor
Ravindra Kembhavi
Head Sales & Chief Education Evangelist,
Education Transformation Unit, TCS ION,
Tata Consultancy Services, Mumbai

Date & Time : 03-09-2021 10.00 AM **Venue : Online (YouTube Live)**
https://www.youtube.com/kalasalingam_kare/live

Dr. K. Sridharan
Chancellor, KARE
Dr. S. Arivazhagi
Pro Chancellor, KARE
Dr. V. Vasudevan
Registrar, KARE

Dr. S. Shasi Anand
Vice President, KARE
Er. S. Arjun Kalasalingam
Vice President, KARE
Dr. R. Nagaraj
Vice Chancellor, KARE

Scan to Go Live

ACTIVITIES OF NATIONAL SERVICE SCHEME & UNNAT BHARAT ABHIYAN

WORLD ENTREPRENEURS' DAY

"World Entrepreneurs' Day" Start-up Talk program was organised by Institution's Innovation Council and NSS KARE joint with JCI Sivakasi lion on 21.08.2021 from 9.30am to 10.30am in the online mode. The resource persons Dr. M. Daniel Jebaraj, Managing Director, Agri Amigos Private Ltd, Coimbatore and Jc.Minniylal N.Ragu, Solar Energy Consultant, Sree Minniyal Ragu Enterprises, Zone Vice President, Zone XVIII-JCI India briefed about the programme.

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INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Welfare)

JCI India
Zone XVIII

JCI SIVAKASI LION

**INSTITUTION'S INNOVATION COUNCIL
NATIONAL SERVICE SCHEME - KARE
JCI SIVAKASI LION**

Jointly Presents

WORLD ENTREPRENEURS DAY

A Virtual Event @
Google Meet

Date: 21.08.2021
Time: 9.30 AM - 10.30 AM

START-UP TALKS

Faculty Entrepreneur
Dr.M.DANIEL JEBARAJ, M.Sc (Agri) , Ph.D
Managing Director
Agri Amigos Private Limited
Coimbatore

Alumni Entrepreneur
Jc Minniyal N.RAGU, M.Tech.,
Solar Energy Consultant
SREE MINNIYAL RAGU ENTERPRISES
Zone Vice President, Zone XVIII - JCI India

Dr.J.DENY
President - IIC, KARE
MIC Innovation Ambassador

Dr.B.PERUMAL
NSS Co-ordinator, KARE
MIC Innovation Ambassador

Dr.R.KANNAN
NSS Program Officer
KSAH, KARE

Jc P.MATHAN KUMAR
President
JCI Sivakasi Lion

E-Certificate Provided

SAFETY AND RELIABILITY DURING THE COVID-19 CRISIS

KARE National Service Scheme organised an awareness on knowledge building session “**Safety and Reliability during the Covid-19 Crisis**” on 28.08.2021 from 10.00am to 11.00am in the online mode.

The poster features a blue and green border. At the top left is the 'Echoes Youth Voices & Visions' logo. At the top right is the Kalasalingam Academy of Research & Education logo, which includes a gear icon and a portrait of a man. Below these is the NSS logo. The main title is 'National Service Scheme Organizes Awareness Knowledge Building Session on "SAFETY AND RELIABILITY DURING THE COVID - 19 CRISIS"'. The list of staff includes Chief Patrons (Dr. K. SRIDHARAN, Dr. S. ARIVALAGI, Dr. S. SHASI ANAND, Mr. S. ARJUN KALASALINGAM), Patrons (Dr. R. NAGARAJ, Dr. V. VASUDEVAN, Dr. P. SIVAKUMAR, Dr. J. T. WINOWLIN JAPPES), Convenor (Dr. B. PERUMAL, Dr. S. RAJESH), Coordinator (Mr. T. RAJPRADEESH), and Volunteer (Mr. A. SATHEESH KUMARAN, Mr. J. SIVANANTHA). A keynote speaker, Mr. A. RAJ KUMAR, is featured with a photo. Logos for AICTE, UNICEF, YuWaah!, and Young Warrior are at the bottom. The date is 28 August 2021, time is 10.00 to 11.00 AM, and the platform is Google Meet. The URL is https://meet.google.com/kku-jzoy-nyw. Participants will receive an E-Certificate.

YuWaah Echoes Youth Voices & Visions For students of AICTE affiliated Institutions

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NATIONAL SERVICE SCHEME

National Service Scheme
Organizes
Awareness Knowledge Building Session on
"SAFETY AND RELIABILITY DURING THE COVID - 19 CRISIS"

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 – Student Affairs, KARE
Dr. J. T. WINOWLIN JAPPES
Dean – SAME, KARE

Convenor
Dr. B. PERUMAL
NSS Coordinator, KARE
Dr. S. RAJESH
HOD/Mech – KARE

Coordinator
Mr. T. RAJPRADEESH
NSS Program Officer, Mech, KARE

Volunteer
Mr. A. SATHEESH KUMARAN
B.Tech, Mechanical, SAME KARE
Mr. J. SIVANANTHA
B.Sc., (Hons.) Agriculture, KSAH, KARE

Keynote Speaker

Mr. A. RAJ KUMAR
Community Health Officer,
Mobile Medical Van Health Program
Service, Virudhunagar

Date: 28 August 2021
Time: 10.00 to 11.00 AM
Online Platform: Google Meet

Google Meet
<https://meet.google.com/kku-jzoy-nyw>

Participants will get E - Certificate

BRAIN BRAWL ON COVID PANDEMIC

KARE - NSS organised COVID 19 Multilevel Quiz "Brain Brawl on COVID Pandemic" on 29.08.2021.

The poster features a blue and green border. At the top left is the 'Echoes' logo with the tagline 'Youth Voices & Visions' and 'For students of AICTE affiliated Institutions'. To the right is the Kalasalingam Academy of Research & Education logo, which includes a gear icon and text stating it is 'DEEMED TO BE UNIVERSITY' and 'Accredited by NAAC with "A" Grade'. Below these is the National Service Scheme (NSS) logo. The central text reads 'National Service Scheme Organizes COVID - 19 Multilevel Quiz BRAIN BRAWL ON COVID PANDEMIC'. A list of organizers follows, categorized into Chief Patrons, Patrons, Convenor, Coordinator, and Volunteer. On the right, a yellow box contains 'General Instructions' with five bullet points. At the bottom, logos for AICTE, UNICEF, YuWaah!, and Young Warrior are displayed. The event details include the date (29 August 2021), time (10.00 to 11.00 AM), and online platform (Google Meet). A QR code and the Google Meet link are provided, along with a note that participants will receive an E-Certificate.

Echoes Youth Voices & Visions
For students of AICTE affiliated Institutions

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राष्ट्रीय सेवा योजना
NATIONAL SERVICE SCHEME

National Service Scheme
Organizes
COVID - 19 Multilevel Quiz

BRAIN BRAWL ON COVID PANDEMIC

Chief Patrons
Dr. K. SRIDHARAN
Chancellor - KARE
Dr. S. ARIVALAGI
Pro Chancellor - KARE
Dr. S. SHASHI 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 - Student Affairs, KARE
Dr. J. T. WINOVLIN JAPPES
Dean - SAME.KARE

Convenor
Dr. B. PERUMAL
NSS Coordinator, KARE
Dr. S. RAJESH
HOD/Mech - KARE

Coordinator
Mr. T. RAJPRADEESH
NSS Program Officer, Mech, KARE

Volunteer
Mr. A. SATHEESH KUMARAN
B.Tech, Mechanical, SAME KARE
Mr. J. SIVANANTHA
B.Sc., (Hons.) Agriculture, KSAH, KARE

General Instructions:

- ✓ All students are eligible to attend
- ✓ The quiz link will send after entering google meet only
- ✓ The quiz link will active from 10.05 AM
- ✓ The quiz consists of 50 MCQs
- ✓ You can attempt the quiz only once
- ✓ Each quiz carries one mark

unicef for every child

YuWaah!
The National of Young People

YOUNG WARRIOR

Date: 29 August 2021
Time: 10.00 to 11.00 AM
Online Platform: Google Meet

Google Meet
<https://meet.google.com/kku-jzoy-nyw>

Participants will get E - Certificate

ACTIVITY OF YOUTH RED CROSS

INAUGURATION 2K21

KARE - Youth Red Cross club organised an online event titled "INAUGURATION 2K21" on 18.09.2021. 415 participants attended the function.

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YOUTH RED CROSS

**Inauguration
2k21**

AN ONLINE EVENT ON
DATE : 18/09/2021
TIME : 4.00 PM - 6.00 PM

REGISTRATION LINK : <https://forms.gle/ieGZ8agv76G0F8t6>

MEETING LINK : <https://meet.google.com/lookup-hvzaukj7e7>

MAIL YOUR QUERIES TO :
YOUTHREDCROSSKARE@GMAIL.COM

**E-CERTIFICATES
WILL BE PROVIDED**

PRESIDENT : SIRI
(DEPT. OF MECH)
9500459014

MR. P. VELUMANI
YRC COORDINATOR - KARE

VISIT OUR OFFICIAL INSTAGRAM PAGE @YRCKARE FOR EVENT UPDATES

ACTIVITIES OF TAMIL MANDRAM

MILIR'21

KARE - Tamil Mandram's 12th year anniversary celebration was inaugurated on 21.08.2021. The Chief guest, Poet Mrs. Anbu Thozhi Jeyashree, VJ at Pothigai, Chennai delivered the motivational speech to the participants. In this event 178 students participated and gained knowledge about the Tamil Tradition and culture.

துலைமைப் புரவலர்கள்
முனைவர் க.புரீதிரன்
வேந்தர்
முனைவர் புநீ.சசி ஆனந்த்
துணைத்தலைவர்
திரு புநீ.அர்ஜீன் கலசலிங்கம்
துணைத்தலைவர்

புரவலர்கள்
முனைவர் இரா.நாகராஜ்
துணைவேந்தர்
முனைவர் வெ.வாசுதேவன்
பதிவாளர்

செயலாளர்
முனைவர் போ.சிவக்குமார்
மாணவர் நல இயக்குநர்

ஒருங்கிணைப்பாளர்
முனைவர் சி.சங்கீதா
உதவிப் பேராசிரியர்
தமிழ்த்துறை

மாவளவ
ஒருங்கிணைப்பாளர்கள்
ம.சக்திசுமார்
முதநிலை வணிக மேலாண்மை
ம.சந்தோஷ்குமார்
முதநிலை வணிக மேலாண்மை



கலசலிங்கம்
கவ்லி மறழும் ஆராய்ச்சி நிறுவனம்
நிகர்நிலைப் பல்கலைக்கழகம்
தேசியத் தர நிர்ணயக்குழுவின் "A" தரச்சான்று பெற்றது
அினந்த் நகர், கிருஷ்ணன் கோவில், விருதுநகர் 626126



தமிழ்
மான்றம்
12-ம் ஆண்டு துவக்க விழா

நிகழ்வுகள்
மனுவாசனம்
படித்தல் படித்தல்
சுத்திரம் படித்தல்

மினிம் '21

Registration link here
click it

நாள் : 21-08-2021
நேரம் : மாலை 5.30
சனிக்கிழமை

செயல் நிகழ்த்துள்
கவிஞர் அன்புத்தோழி ஜெயபதி
வாழ்கை, சென்னை



ARAM'21

KARE - Tamil Mandram Celebrated Teachers's Day in the Name of **ARAM** on 05.09.2021. The Chief guest, Poet Mr. Boopalan, Pollatchi Ilakkiya Vattam, Pollatchi delivered the Key Note Address to the participants. In this event 134 students were participated and gained knowledge about the education and values.

தலைமைப் புரவலர்கள்
முனைவர் க.புனிதரன்
வேந்தர்
முனைவர் புதி.சசி ஆனந்த்
துணைத்தலைவர்
திரு புதி.அர்ஜீன் கலசலிங்கம்
துணைத்தலைவர்

புரவலர்கள்
முனைவர் இரா.நாகராஜ்
துணைவேந்தர்
முனைவர் வி.வாசுதேவன்
பதிவாளர்

செயலாளர்
முனைவர் போ.சிவக்குமார்
மாணவர் நல இயக்குநர்

ஒருங்கிணைப்பாளர்
முனைவர் சி.சங்கீதா
உதவி பேராசிரியர்
கமிட்கூறை

மாவளவ
ஒருங்கிணைப்பாளர்கள்
ம.சக்திசுமார்
முதுநிலை வணிக மேலாண்மை
ம.சந்திராவுக்குமார்
முதுநிலை வணிக மேலாண்மை



கலசலிங்கம்
கவி மற்றும் ஆராய்ச்சி திறமை
நிகர்நிலைப் பல்கலைக்கழகம்
தேசியத் தர நிர்ணயக்குழுவின் "A" தரச்சான்று பெற்றது
அனந்த நகர், கிருஷ்ணன்வேளில், விருதுநகர் 620126



ஆசிரியர் தின விழாவை
முன்னிட்டு
தமிழ் மன்றம்
நடத்தும்

தமிழ் மன்றம்
'21

நிகழ்வுகள்
மையின் மொழி!
மூளைக்கு வேலை

Registration link here
[click it](#)

நாள் : 05-09-2021
நேரம் : மாலை 6.00
ஞாயிற்றுக்கிழமை

ஆசிரிய ஆலோசகர்
முனைவர் சி.சங்கீதா
உதவி பேராசிரியர் (தமிழ்)
KARE

EZHUTHHAYUTHAM

KARE - Tamil Mandram Celebrated World Literacy Day in the Name of **Ezhuththayutham** on 08.09.2021. The Chief guest, Writer Dr. Ahila Krishnamoorthi, Tamil Nadu Kalailakkiya Perumandram, Thanjavur, delivered the Key Note Address to the participants. In this event 154 students participated and gained knowledge about the Literacy and Education Values.

துலைமைப் புரவலர்கள்

முனைவர் க.பிரீதரன்
வேந்தர்

முனைவர் முன்.சசி ஆனந்த்
துணைத்தலைவர்

திரு முன்.அர்ஜீன் கலசலிங்கம்
துணைத்தலைவர்

புரவலர்கள்

முனைவர் இரா.நாகராஜ்
துணைவேந்தர்

முனைவர் வெ.வாசுதேவன்
பதிவாளர்

செயலாளர்

முனைவர் போ.சிவக்குமார்
மாணவர் நல இயக்குநர்

ஒருங்கிணைப்பாளர்

முனைவர் சி.சங்கீதா
உதவிப் பேராசிரியர்
தமிழ்த்துறை

மாணவ

ஒருங்கிணைப்பாளர்கள்

ம.சக்திசுமார்
முதுநிலை வணிக மேலாண்மை
ம.சந்தோஷசுமார்
முதுநிலை வணிக மேலாண்மை



கலசலிங்கம்

கல்வி மற்றும் ஆராய்ச்சி நிறுவனம்

நிகர்நிலைப் பல்கலைக்கழகம்

தேசியத் தர நிர்ணயக்குழுவின் "A" தரச்சான்று பெற்றது
அனந்த நகர், கிருஷ்ணன்கோளில், விருதுநகர் 626126



உலக எழுத்திய தினத்தை

முன்னிட்டு

தமிழ் மன்றம்

நடத்தும்

செய்ப்பு விருந்தினர்

எழுத்தாயுதம்



நிகழ்வுகள்

கையியாய்வு

Registration link here



எழுத்தாளர் அயிலா கிருஷ்ணமூர்த்தி
தமிழ்நாடு கலை ஆலக்கியப் பெருமன்றம்
தஞ்சாவூர்
தலைப்பு: உலகை வெல்லும் ஆயுதம்

நாள் : 08-09-2021 நேரம் : மாலை 6.00
புதன்கிழமை

ஆசிரிய ஆலோசகர்
முனைவர் சி.சங்கீதா
உதவிப் பேராசிரியர் (தமிழ்)
KARE

ROWTHIRAM

KARE - Tamil Mandram conducted **Rowthiram** event on 11.09.2021 (Bharathiyar's Commemoration Day). The Chief guest, Sahithya Academy awardee, Poet and Writer Manushi Bharathi, was invited as the chief guest for this event. The Chief guest delivered a speech on Bharathiyar's stories and his life. In this event 132 students participated and gained knowledge about Mahakavi Bharathiyar's History and his Poems.

துலைமைப் புரவலர்கள்

முனைவர் க.பிரீதிரன்
வேந்தர்

முனைவர் ப்ரீ.சசி ஆனந்த்
துணைத்தலைவர்

திரு ப்ரீ.அர்ஜீன் கலசலிங்கம்
துணைத்தலைவர்

புரவலர்கள்

முனைவர் இரா.நாகராஜ்
துணைவேந்தர்

முனைவர் வெ.வாசுதேவன்
பதிவாளர்

செயலாளர்

முனைவர் போ.சிவக்குமார்
மாணவர் நல இயக்குநர்

ஒருங்கிணைப்பாளர்

முனைவர் சி.சங்கீதா
உதவிப் பேராசிரியர்
தமிழ்த்துறை

மாலாவ

ஒருங்கிணைப்பாளர்கள்

ம.சக்திசுமார்
முதுநிலை வணிக மேலாண்மை
ம.சந்திராஷிசுமார்
முதுநிலை வணிக மேலாண்மை



கலசலிங்கம்

கல்வி மற்றும் ஆராய்ச்சி நிறுவனம்

நிகர்நிலைப் பல்கலைக்கழகம்

தேசியத் தர நிர்ணயக்குழுவின் "A" தரச்சான்று பெற்றது
ஆனந்த் நகர், திருவணங்கோவில், விருதுநகர் 626126



பல வேதகை கனிதரைப் போலே நான் கீழ்வேனென்று நினைத்தாயே...

மகாகவி பாரதியாரின்
நினைவு நூற்றாண்டையொட்டி

உந்த மன்றம்

ரௌத்திரம் '21

Registration link here

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சிறப்பு விருந்தினர்

கவிஞர் மனுஷ் பாரதி

சாகித்திய அகாடமி புலபுரங்கார் விருதுகார்
புதுச்சேரி

ஆசிரிய ஆலோசகர்

முனைவர் சி.சங்கீதா

உதவிப் பேராசிரியர் (தமிழ்)

KARE

தலைப்பு : பாரதி என்னும் பரம்வொருள்

போட்டி

ரௌத்திர ரௌத்திர

நாள் : 11-09-2021

நேரம் : மாலை 5.30

சனிக்கிழமை

ACTIVITIES OF PHYSICAL EDUCATION

FIT INDIA FREEDOM RUN 2.0

KARE – The department of Physical Education conducted “Fit India Freedom Run 2.0” from 16th August 2021 to 16th September 2021. 115 participants participated from various institutions.

KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade
Anand Nagar, Krishnankottai - 626126, Srivilliputhur (Via), Virudhunagar (Dt), Tamil Nadu | info@kalasalingam.ac.in | www.kalasalingam.ac.in

DEPARTMENT OF PHYSICAL EDUCATION

Greetings!
“Khelo India” Ministry of Youth Affairs and Sports and Sports Authority of India is conducting “Resolves@75th” “Fit India Freedom Run 2.0” “RUNNING: The human body’s rawest form of FREEDOM” from 13th August 2021 to 02nd October 2021, fitness and help us all to get freedom from obesity, laziness, stress, anxiety, diseases etc. Fit India Freedom Run 2.0 aims at “Jan Bhagidari se Jan Aandolan” The concept behind this run is that “It can be run anywhere, anytime!”

Rules for the run
Run a route of your choice, at a time that suits you.
Break-up your runs.
Run your own race at your pace.
Track your kilometers manually or by using any tracking app or GPS watch.
Take a snap shot and videos send the details to department of physical education mail id kluphysical@klu.ac.in (from 16th August 2021 to 16th September 2021)
Please fill and send for the Google form registration.
Registration link: <https://forms.gle/kD3PGNuRfMzn4YVXA>

Further conduct details:
Dr.G.T.SELVAGANESH
HOD (i/c)-Physical Education
kluphysical@klu.ac.in
9789123630 / 9443456113 / 7904285446

Ms. A.CHITHRA
Assistant Physical Directress

FIT INDIA FREEDOM RUN 2.0

75
Azadi Ka
Amrit Mahotsav
FIT INDIA Freedom Run 2.0

Congratulations
KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION
FOR SUCCESSFULLY ORGANIZING THE FIT INDIA FREEDOM RUN 2.0

13th Aug - 2nd Oct 2021

<https://fitindia.gov.in>

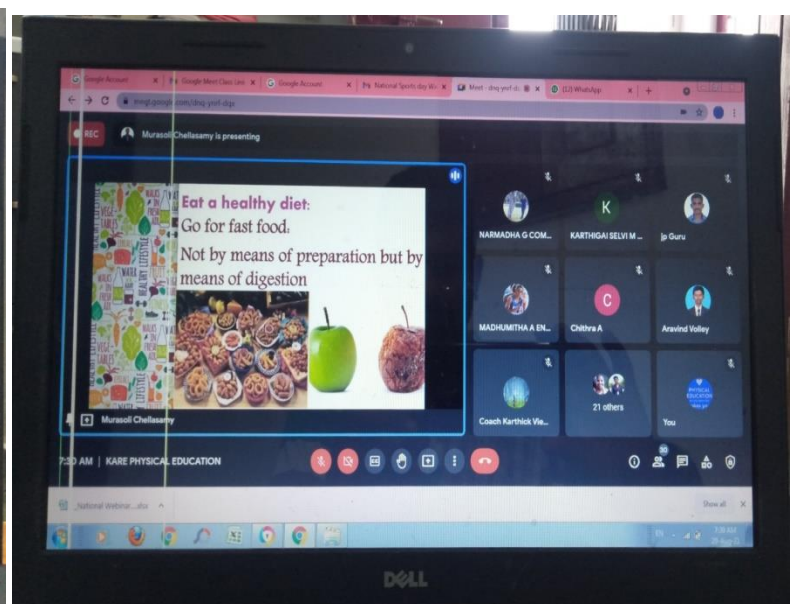
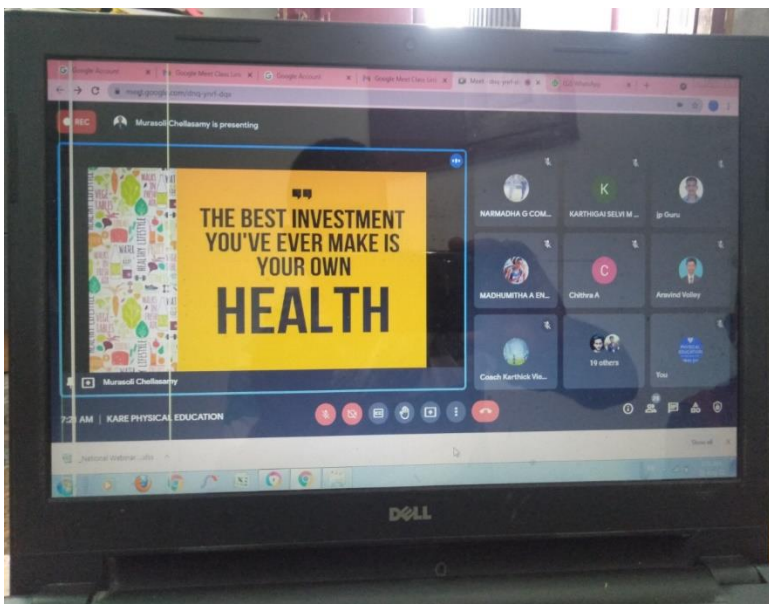
#Run4India #AzadiKaAmritMahotsav

Government of India
Ministry of Youth Affairs and Sports

LIFESTYLE VS HEALTHY LIFESTYLE

KARE – Physical Education conducted a webinar on “Lifestyle vs Healthy Lifestyle” on 29th August 2021 at 7am through online. The resource person Mr. C. Murasoli, Physical Education Teacher, Government High School, Panankulam delivered the lecture on this topic. 157 participants participated from various institutions.

<p>CHIEF PATRONS Dr.K.Sridharan - Chancellor, KARE Dr.S.Shasi Anand - Vice President, KARE Er.S.Arjun Kalasalingam - Vice President, KARE</p> <p>PATRONS Dr.R.Nagaraj - Vice Chancellor, KARE Dr.V.Vasudevan - Registrar, KARE</p> <p>ADVISOR Dr.P.Sivakumar - Director, Student Affairs, KARE</p> <p>ORGANIZING SECRETARY Dr.G.T.Selvaganesh - HOD^{o/s} Department of Physical Education, KARE</p> <p>JOINT ORGANIZING SECRETARY Ms.A.Chithra - Assistant Physical Directress, KARE</p> <p>Contact us: E-Mail : kluphysical@klu.ac.in Mobile: 9789123630 , 7904285446</p>	 <p>DEPARTMENT OF PHYSICAL EDUCATION</p> <p>Proudly inviting you for the National Webinar on LIFESTYLE Vs HEALTHY LIFESTYLE In commemoration of NATIONAL SPORTS DAY - 2021</p> <p>RESOURCE PERSON</p>  <p>Mr. C.MURASOLI Physical Education Teacher Government High School, Panankulam</p> <p>Google Meet Link : https://meet.google.com/dnq-ynrf-dqx Date : 29.08.2021 @ 07.00 AM</p> <ul style="list-style-type: none"> E Certificate will be issued to the registered participants No Registration Fee
 <p>Registration Link : https://forms.gle/yMtp1k5Kvb1QuZDu8</p>	 <p>National Sports Day Tribute to <i>Hockey legend</i> Major Dhyani Chand Singh on his Birth Anniversary 29 August 1905 – 3 December 1979</p>







4. RESEARCH

SEMINARS, CONFERENCES, WORKSHOPS, TRAINING PROGRAMS, CERTIFICATION PROGRAMS, GUEST LECTURE AND FDP ORGANIZED

S. No	Title	Department	Date	No. of Attendees
1.	Hands-on FDP on "Statistical and Machine Learning, "ASIC Design flow", "Embedded Systems for IOT", "Python for Design and Verification"	Electronics Communication Engineering	11.06.2021 to 16.06.2021	15
2.	Future Perspective of Semiconductor Devices	Electronics Communication Engineering	21.06.2021 to 25.06.2021	157
3.	National Level Webinar on Ideation to Start-Up Generation	Electronics Communication Engineering	07.07.2021	17
4.	SAP Orientation Program	Electronics Communication Engineering	07.07.2021	54
5.	Design Ideas for Capstone Project	Electronics Communication Engineering	12.07.2021	228
6.	Tech talk Programme on Web development	Computer Science and Engineering	19.07.2021	30
7.	Tech Talk Programme on Introduction to Emerging Technologies Oracle, DBMS and SQL	Computer Science and Engineering	22.07.2021	30
8.	Placement Awareness program on "Developments and Opportunities in Networking	Electronics Communication Engineering	24.07.2021	125
9.	Career Planning & Development	Electronics Communication Engineering	24.07.2021	190
10.	Overview of HW Product development life cycle	Electronics Communication Engineering	25.07.2021	153
11.	Tech talk Programme on Software testing Strategies	Computer Science and Engineering	05.08.2021	78

PHD VIVA- VOCE EXAMINATION DEFENDED BY FACULTY MEMBERS

Name of the faculty member and department	Supervisor	Thesis title	Data of viva-voce examination
 P. Ramkumar, Department of Mechanical Engineering	Dr. M. Sivasubramanian	Experimental Investigation of Heat Transfer Enhancement on Heat Pipe Heat Exchanger	06.07.2021
J. Pradeep Kandhasamy, Department of Computer Applications	 Dr. S. Balamurali	Prediction and classification of diabetic retinopathy using data mining techniques	26.07.2021
 M. Arun, Department of Computer Applications	Dr. S. Balamurali	Design of a Framework for Secured Authentication with Secure Data Access Using Homomorphic and Blockchain in Fog and Internet of Things	27.07.2021
K. Vijayakumar, Department of Electrical and Electronics Engineering	 Dr. G. Vishnuvarthanan, Dr. S. Kannan	Investigation of Multi- Function Grid Connected Converters for Enhanced Operation Employing Evolutionary Control Strategy	02.08.2021

PROJECT GRANTS RECEIVED FROM GOVERNMENT AGENCIES

No	Principal Investigator	Title of the Project	Funding Agency	Sanctioned Amount (Rs)	Letter Number and Date
1.	Dr. V. Yegnanarayanan	On colouring distance graphs and related applications	NBHM	1515900	NBHM (R.P)/R&Dii/8007 13.07.2021
2.	Radeep Krishna Radhakrishnan Nair	Remote Tasking of Sanitization and Health Assurity for mitigating risk in the wake of the pandemic. Project ID: R10-HTA-039	IEEE Region 10 And IEEE HAC	36,469	15.07.2021

No	Principal Investigator	Title of the Project	Funding Agency	Sanctioned Amount (Rs)	Letter Number and Date
3.	Department of Electronics and Communication Engineering	Modernization of Microprocessors and Microcontrollers Laboratory and re-designation as Embedded System and Robotics Laboratory	AICTE-Modrob	700000	F.No.9-308/RIFD/MOD/Policy- /2018-19 17.08.2021
4.	Dr. B.S. Murugan	Development of Science and Technology Software for School Children through Skill building activities	DST-NCSTC	3530000	CO/B/FP/G76/2021 24.09.2021

FACULTY AWARDS

No	Faculty Name	Awarding Agency	Agency name	Award name	Date
1.	Dr. P. Selvarengan	International Body	Bulletin of Korean Chemical Society	Reviewer	08.07.2021
2.	Dr. P. Devendran	International body	Elsevier	Reviewer in Journal of Science: Advanced Materials and Devices	11.07.2021
3.	Dr. D. Kalpanadevi	Central Government	International Institute of Organized Research	International Young Researcher Award 2020-21	17.07.2021
4.	Dr. S. Shantkriti	International Body	Zhengzhou Excellent Young Scholars Science and Technology Co., Ltd., China	Keynote speaker at 5th International Conference on Environment and Disasters (ICED 2021)	23.07.2021
5.	Dr. M.Krishna Kumar	Central Government	CBSE, New Delhi	NEET Exam Observer	24.07.2021
6.	Dr. S. Saravanakumar	International body	Journal of Nano Particle Research	Reviewer	14.08.2021
7.	Dr. P. Devendran	International body	Elsevier	Journal Reviewer in Chemical Engineering Journal	16.08.2021
8.	Mrs. N. Bhuvaneshwary	Private Organization	Hindawi	Reviewer	28.08.2021

No	Faculty Name	Awarding Agency	Agency name	Award name	Date
9.	Dr. V. Yegnanarayanan	Mathematics	Private Organization	Center For Professional Advancement Continuous Education	05.09.2021
10.	Dr. S. Maragatha Sundari	Central Government	Centre for professional advancement continuous education CPACE, a unit IMRF	Dr. Sarvepalli Radhakrishnan Distinguished Professor Award 2021	05.09.2021
11.	Dr. S. Shantkriti	Private Organization	Centre for Professional Advancement, India	Dr. Sarvepalli Radhakrishnan Best Teacher Award 2021 in Environmental Microbiology	05.09.2021
12.	Dr. P. Devendran	International body	Springer	Reviewer in Chemical Papers	10.09.2021
13.	Dr. S. Vanitha	State Government	Centre for research, Anna university	DC member	15.09.2021
14.	Dr. T. Theiva Santhi	International body	Iranian polymer journal	Reviewer	29.09.2021

PATENT

No	Department	Patent Title	Patent Members Name	Application Number	Filling Date
1	Electronics Communication Engineering	Smart Facial Door Lock System	Dr. Kalpana Murugan, Ms. J. Krishnapriya, Ms. P. Gayatri, Mr. C. Sathya Pradeep	202141022959 A	16.07.2021
2	Electronics Communication Engineering	Artificial Intelligence Tailored Interactive Smart Mirror	Dr. D. Franklin Vinod, Dr. V. Muneeswaran, Ms. Jaya Sharma, Dr. R.P. Mahapatra, Dr. Dhowmya Bhatt	202141039094 A	10.09.2021

HIGH IMPACT FACTOR PUBLICATION



Dr. M. Swaminathan, Department of Chemistry, published a research paper titled '**Single metal atom oxide anchored Fe₃O₄-ED-rGO for highly efficient photodecomposition of antibiotic residues under visible light illumination**' in the journal Applied Catalysis B. Environmental which has an Impact Factor of 20.

5. MISCELLANEOUS

IQAC MEETING

The IQAC fourth quarter meeting was held on 30.08.2021. 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 offer more number of innovative programs.
- Members advised to focus on attracting international students.

SCOPUS LISTED PUBLICATIONS DURING JULY- SEPTEMBER 2021

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
1.	Arunpandiyan S., Raja A., Bharathi S., Arivarasan A.	Fabrication of ZnO/NiO:rGO coated Ni foam binder-free electrode via hydrothermal method for supercapacitor application	2021	Journal of Alloys and Compounds	883	-	160791	-	-
2.	Ganesan K., Kailasanathan C., Rajini N., Ismail S.O., Ayrilmis N., Mohammad F., Al-Lohedan H.A., Tawfeek A.M., Issa Z.A., Aldhayan D.M.	Assessment on hybrid jute/coir fibers reinforced polyester composite with hybrid fillers under different environmental conditions	2021	Construction and Building Materials	301	-	124117	-	-
3.	Sundaramahalingam K., Karpagavel K., Jayanthi S., Vanitha D., Nallamuthu N., Nagarajan E.R.	Structural and electrical behaviours of amino acid-based solid polymer electrolytes	2021	Bulletin of Materials Science	44	3	196	-	-
4.	Agneeswari R., Kim D., Park S.W., Jang S., Yang H.S., Shin I., Jeong J.H., Tamilavan V., Jung Y.K., Park S.H.	Influence of thiophene and furan π -bridge on the properties of poly(benzodithiophene-alt-bis(π -bridge)pyrrolopyrrole-1,3-dione) for organic solar cell applications	2021	Polymer	229		123991	-	-

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
5.	Perumal B., Muneeswaran V., Pothirasan N., Reddy K.R.M., Pranith K.S.S., Chaitanya K., Kumar R.K.	Bee eloper: A novel perspective for emancipating honey bees from its comb using a contrivable technique	2021	AIP Conference Proceedings	2378		20003	-	-
6.	Duraipandi C., Khan M A., Winowlin J.J.T., Ghazaly N.M., Mashinini P.M.	Solid particle erosion studies of thermally deposited alumina-titania coatings on an aluminum alloy	2021	International Journal of Minerals, Metallurgy and Materials	28	7		1186	1193
7.	Suganya R., Nkenyereye L., Anbazhagan N., Amutha S., Kameswari M., Acharya S., Joshi G.P.	Perishable inventory system with n-policy, map arrivals, and impatient customers	2021	Mathematics	9	13	1514	-	-
8.	Sanjeevi S., Shanmugam V., Kumar S., Ganesan V., Sas G., Johnson D.J., Shanmugam M., Ayyanar A., Naresh K., Neisiany R.E., Das O.	Effects of water absorption on the mechanical properties of hybrid natural fibre/phenol formaldehyde composites	2021	Scientific reports	11	1		13385	
9.	Velmurugan K., Venkumar P., Sudhakara P.R.	SME 4.0: Machine learning framework for real-time machine health monitoring system	2021	Journal of Physics: Conference Series	1911	1	12026	-	-

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
10.	Rajagopal G., Nivetha A., Sundar M., Panneerselvam T., Murugesan S., Parasuraman P., Kumar S., Ilango S., Kunjiappan S.	Mixed phytochemicals mediated synthesis of copper nanoparticles for anticancer and larvicidal applications	2021	Heliyon	7	6	e07360	-	-
11.	Rajanandini M., Kumar S.N.	A biological and technological approach to treat wastewater by using macroalgae and microalgae	2021	Research Journal of Chemistry and Environment	25	6		181	187
12.	Jeyadurga P., Balamurali S.	A new attribute sampling plan for assuring weibull distributed lifetime using neutrosophic statistical interval method	2021	Decision-Making with Neutrosophic Set: Theory and Applications in Knowledge Management	-	-	-	91	109
13.	Kumari M.K., Latchoumi T.P., Kalusuraman G., Chithambarathanu M., Parthiban L.	Utilizing scratch to create computational thinking at school with artificial intelligence	2021	A Closer Look at Big Data Analytics	-	-	-	163	193
14.	Senthilkumar K., Pulikkalparambil H., Chandrasekar M., Radoor S., Kumar T.S.M., Rajini N., Siengchin S., Parameswaranpillai J.	Aging effect on fibre-reinforced polymers	2021	Fiber-Reinforced Polymer: Processes and Applications	-	-	-	311	341

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
15.	Marimuthu R., Sankaranarayanan B., Ali S.M., Karuppiah K.	Green recovery strategies for the mining industry of India: lessons learned from the COVID-19 pandemic	2021	Journal of Asia Business Studies	-	-	-	-	-
16.	Thiruppathi M., Saravanakumar K., Arunpandian M., Ramalingan C., Nagarajan E.R.	A novel CuWO ₄ -PMMA nanocomposite thin film as trouble-free and handpicking recoverable photocatalyst	2021	International Journal of Environmental Analytical Chemistry	-	-	-	-	-
17.	Saravanakumar S., Gayathri C.	Outer-connected open packing sets in graphs	2021	Asian-European Journal of Mathematics	-	-	-	-	-
18.	Thiruganasambanthan T., Thiagamani S.M.K., Siengchin S.	Synthesis and characterization of graphene derived from biomass for optical sensing of milk proteins	2021	Biomass Conversion and Biorefinery	-	-	-	-	-
19.	Sambathkumar C., Manirathinam V., Manikandan A., Krishna Kumar M., Sudhahar S., Devendran P.	Solvothermal synthesis of Bi ₂ S ₃ nanoparticles for active photocatalytic and energy storage device applications	2021	Journal of Materials Science: Materials in Electronics	-	-	-	-	-
20.	Raja Subramanian R., Vasudevan V.	HARfog: An Ensemble Deep Learning Model for Activity Recognition Leveraging IoT and Fog Architectures	2021	Studies in Computational Intelligence	956	-	-	127	136
21.	Karuppiah K., Sankaranarayanan B., Ali S.M.	A decision-aid model for evaluating challenges to blockchain adoption in supply chains	2021	International Journal of Logistics Research and Applications	-	-	-	-	-

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22.	Arunachalam S.K., Muthiah M., Rangaswamy K.D., Kadarkarai A., Arunasankar C.G.	Improving the structural performance of reinforced geopolymer concrete incorporated with hazardous heavy metal waste ash	2021	World Journal of Engineering	-	-	-	-	-
23.	Viswanathan S., Pravin C., Arasamudi R.B., Pavithran P.	Influence of Interface trap distributions over the device characteristics of AlGaN/GaN/AlInN MOS-HEMT using Cubic Spline Interpolation technique	2021	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	-	-	-	-	-
24.	Sambathkumar C., Ranjithkumar R., Arasi S.E., Manikandan A., Nallamuthu N., Kumar M.K., Arivarasan A., Devendran P.	High-performance nickel sulfide modified electrode material from single-source precursor for energy storage application	2021	Journal of Materials Science: Materials in Electronics	-	-	-	-	-
25.	Premkumar R., Hussain S., Koyambo-Konzapa S.-J., Jayram N.D., Meera M.R., Mathavan T., Benial A.M.F.	SERS and DFT studies of 2-(trichloroacetyl)pyrrole chemisorbed on the surface of silver and gold coated thin films: In perspective of biosensor applications	2021	Journal of Molecular Recognition	-	-	-	-	-

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26.	Arunkumar K., Muthiah M., Suresh Kumar A., Chithambar Ganesh A., Kanniga Devi R.	Invention of sustainable geopolymer concrete made with low calcium waste wood ash	2021	World Journal of Engineering	-	-	-	-	-
27.	Pandiyarajan C., Rameshkumar P., Murugesan S., Selvaraj M.	Silver nanoparticles-supported graphitic-like carbon nitride for the electrochemical sensing of nitrobenzene and its derivatives	2021	Journal of Materials Science: Materials in Electronics	-	-	-	-	-
28.	Abdolmaleki A., Asadi A., Gurushankar K., Shayan T.K., Sarvestani F.A.	Importance of nano medicine and new drug therapies for cancer	2021	Advanced Pharmaceutical Bulletin	11	3		450	457
29.	Sundaramahalingam K., Jayanthi S., Vanitha D., Nallamuthu N.	Dielectric studies of designed novel sodium-based polymer electrolyte with the effect of adding amino acid	2021	Ionics	-	-	-	-	-
30.	Hariharasudan A., Rahiman H.U., Nawaz N., Panakaje N.	Strategic influence of business english in management education [Strategiczny wpływ angielskiego biznesu na zarządzanie kształceniem]	2021	Polish Journal of Management Studies	23	2		180	195
31.	Sumathi R., Venkatesulu M., Arjunan S.P.	Segmenting and Classifying MRI Multimodal Images Using Cuckoo Search Optimization and KNN Classifier	2021	IETE Journal of Research	-	-	-	-	-

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32.	Thangamariappan E., Mohan M., Sundar K.	Computational mapping of class i hla-a specific cytotoxic t lymphocyte epitopes of mycobacterium tuberculosis and their potential role in vaccine design [Aşı tasarımında mycobacterium tuberculosis'in sınıf i hla-a'ya özgü sitotoksik t lenfosit epitoplarının işlemsel haritalaması]	2021	Turkish Journal of Immunology	9	1	-	20	27
33.	Nagaraj P., Muthamilsudar K., Nehanth N.S., Shahid M.R., Kumar S.V.	Perceptual image super resolution using deep learning and super resolution convolution neural networks (SRCNN)	2020	Advances in Parallel Computing	37		-	3	8
34.	Barani Sundaram B., Kedir T., Mishra M.K., Yesuf S.H., Tiwari S.M., P. Karthika	Security Analysis for Sybil Attack in Sensor Network Using Compare and Match-Position Verification Method	2022	Lecture Notes on Data Engineering and Communications Technologies	68			55	64
35.	Pillai P.K., Durairaj D., Samivel K.	Deep learning-based forecasting of COVID-19 in India	2022	Journal of Testing and Evaluation	50	1			
36.	Chitra Devi A., Siva V., Thangarasu S., Athimoolam S., Asath Bahadur S.	Supramolecular architecture, thermal, Quantum chemical analysis and in vitro biological properties on sulfate salt of 4-aminoantipyrine	2021	Journal of Molecular Structure	1245		131033		
37.	Rammohan S., Kumaran S.T., Uthayakumar M., Velayudham A.	Application of TOPSIS Optimization in Abrasive Water Jet Machining of Military Grade Armor Steel	2021	Human Factors and Mechanical Engineering for Defense and Safety	5	1	3		

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38.	Pothinathan S.K.M., Muthukannan M., Selvapalam N., Gnanaraj S.C.	Investigation on strength properties of polymer modified concrete using glycoluril	2021	International Review of Applied Sciences and Engineering	12	3		278	284
39.	Gnanaraj S.C., Chokkalingam R.B., Thankam G.L., Pothinathan S.K.M.	Effect of ultrafine natural steatite powder, super plasticizer and VMA on the fresh and hardened properties of self-compacting cement paste and mortar	2021	International Review of Applied Sciences and Engineering	12	3		285	292
40.	Rajkumar M., Arunpandian M., Leeladevi K., Rameshkumar P., Arunachalam S.	Fabrication of pebble stone-like PbMoO ₄ nanostructure: Focus on photocatalysis, photoluminescence and electron density distribution analysis	2021	Physica B: Condensed Matter	620		4132 22		
41.	Muthumari P., Thangarasu S., Bahadur S.A.	Preparation and characterization of proton conducting polymer blend electrolytes (PVC/PMMA/NH ₄ SCN)	2021	Journal of Polymer Research	28	9	332		
42.	Arasi S.E., Ranjithkumar R., Devendran P., Krishnakumar M., Arivarasan A.	Studies on electrochemical mechanism of nanostructured cobalt vanadate electrode material for pseudocapacitors	2021	Journal of Energy Storage	41		1029 86		
43.	Elizabeth Rani G., Ajay Sukumar G.V., Umesh Chandra T., Anki Reddy K., Sakthimohan M.	Load Allocation as Quality and secured in Mobile Cloud Networking Location	2021	Journal of Physics: Conference Series	1979	1	1204 5		
44.	Murugeswari R., Kannan R., Ananthakumar K.	Optimization of Adsorption of Congo Red by Corn Cob Powder Using Support Vector Machine	2021	Journal of Physics: Conference Series	1979	1	1204 2		

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45.	Sumathi R., Venkatesulu M.	An Automated Hybrid Approach for Multimodal Tumor Segmentation	2021	Journal of Physics: Conference Series	1979	1	12047		
46.	Arunpandiyan S., Raja A., Vinoth S., Pandikumar A., Arivarasan A.	Hierarchical porous CeO ₂ micro rice-supported Ni foam binder-free electrode and its enhanced pseudocapacitor performance by a redox additive electrolyte	2021	New Journal of Chemistry	45	29		12808	12817
47.	Shanmugam V., Marimuthu U., Rajendran S., Veerasimman A., Basha A.M., Majid M.S.B.A., Neisiany R.E., Försth M., Sas G., Razavi S.M.J., Das O.	Experimental investigation of thrust force, delamination and surface roughness in drilling hybrid structural composites	2021	Materials	14	16	4468		
48.	Rao B.L., Muthiah M., Thangasamy N.R., Kulandaisamy P.	Advent geospatial technologies in land evaluation: A critical review	2021	International Journal of Engineering Trends and Technology	69	8		190	205
49.	Sivasubramanian P., Kalimuthu M., Palaniappan M., Alavudeen A., Rajini N., Santulli C.	Effect of alkali treatment on the properties of acacia caesia bark fibres	2021	Fibers	9	8	49		

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51.	THANGARASU S., SIVA V., SHAMEEM A., MURUGAN A., ATHIMOOLAM S., ASATH BAHADUR S.	Structural, electronic, molecular orbital analysis and charge distributions on nitrate salt of guanidine through dft and td-dft methods	2021	Asian Journal of Chemistry	33	8		1905	1910
52.	Vanalakshmi R., Maragathasundari S., Kishore Eswar S.	Queuing system behaviour in thermo pack process	2021	Journal of Physics: Conference Series	1850	1	12047		
53.	Muthukumar V., Arun M., Satheesh Kumar S., Kumta S.D., Angeline Kavitha M., Vijayaraghavan R.	Secure efficient signature for internet of things over near-ring	2021	Journal of Physics: Conference Series	1964	2	22015		
54.	Revathi N., Sengottuvelan P., Thimmia Raja J.	A survey on modern day trends in water level and quality analysis system	2021	Journal of Physics: Conference Series	1964	4	42078		

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56.	Sadhasivam J., Muthukumaran V., Thimmia Raja J., Vinothkumar V., Deepa R., Nivedita V.	Applying data mining technique to predict trends in air pollution in Mumbai	2021	Journal of Physics: Conference Series	1964	4	42055		
57.	Sadhasivam J., Arun M., Deepa R., Muthukumaran V., Lokesh Kumar R., Prasanna Kumar R.B.	Forex exchange using big data analytics	2021	Journal of Physics: Conference Series	1964	4	42060		
58.	Sadhasivam J., Muthukumaran V., Thimmia Raja J., Joseph R.B., Munirathanam M., Balajee J.M.	Diabetes disease prediction using decision tree for feature selection	2021	Journal of Physics: Conference Series	1964	6	62116		
59.	Padmavathy K., Krishnan K.G., Kumar C.U., Saravanan V., Lim W.-M., Mai C.-W., Ramalingan C.	Novel Phenothiazinyl Acrylonitrile Hybrids: Synthesis, Biological, and Density Functional Theory Studies	2021	Indian Journal of Heterocyclic Chemistry	31	2		301	311

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60.	Meyyappan P.L., Sivapragasam C., Neelamani S., Al-Zaqah Z.K., Al-Khalidi M.	Modeling studies on the behavior of single and double rubble mound breakwaters using genetic programming tool	2021	Indian Journal of Geo-Marine Sciences	50	6		437	444
61.	Perumal B., Deny J., Yaswanth B., Sudheer M.S., Charanreddy P.V.	Improvement of the LoRaWAN movement tracking framework	2021	2021 3rd International Conference on Signal Processing and Communication, ICPCSC 2021	-	-	9451 767	710	713
62.	Deny J., Narasimha A.B., Vardhan Reddy R.G., Sathish S.	Electricity monitoring and auto bill generation using IOT	2021	2021 3rd International Conference on Signal Processing and Communication, ICPCSC 2021	-	-	9451 738	695	698
63.	Selvaraj K., Alagarsamy S., Dhilipkumar M.	Raspberry Pi based automatic door control system	2021	2021 3rd International Conference on Signal Processing and Communication, ICPCSC 2021	-	-	9451 687	652	656

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64.	Sakthimohan M., Pasupulti M.K., Gopa V., Gosi N., Elizabeth R.G.	IOT established agile parking system	2021	2021 3rd International Conference on Signal Processing and Communication, ICPSC 2021	-	-	9451 732	637	641
65.	Sakthimohan M., Prassanth R., Rajarajan G., Narayanam H., Elizabeth Rani G.	Optimized transmission line flaw disclosure and inkling system based on IOT	2021	2021 3rd International Conference on Signal Processing and Communication, ICPSC 2021	-	-	9451 715	642	646
66.	Murugan I., Hemalatha S., Manickam P., Sathesh Kumar K., Shankar K.	Supervised classifier approach for intrusion detection on KDD with optimal mapreduce framework model in cloud computing	2021	Recent Advances in Computer Science and Communications	14	4	-	111 5	1125
67.	Sundaresan V.S., Ramrao N., Sharan P., Murugan K.	Computational analysis of core cavity Mach-Zehnder interferometer based optical sensor for various types of virus	2021	Indian Journal of Engineering and Materials Sciences	28	2	-	209	215
68.	Sharma N.K., Arivalagan A.R.	Algae or bacteria-the future of biological wastewater treatment	2021	Handbook of Advanced Approaches Towards Pollution Prevention and Control	2	-	-	217	247

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70.	Raj M.M.A., Ashifa K.M., Aliyev A., Godfrey A A.	Occupational burnout among women police force: An empirical analysis	2021	Journal of Legal, Ethical and Regulatory Issues	24	Special Issue 1	1	5	24
71.	Avinash S., Irulappasamy S., Selvan C.P., Sultan M.T.H., Hua L.S., Munde Y.	Abrasive Machining Characteristics and Prediction Model for Sisal/Polyester Sandwich Composite	2021	Journal of Natural Fibers	-	-	-	-	-
72.	Alex S., Dhiliphan Rajkumar T.	Taylor–HHO algorithm: A hybrid optimization algorithm with deep long short-term for malicious JavaScript detection	2021	International Journal of Intelligent Systems	-	-	-	-	-
73.	Karupppiah K., Sankaranarayanan B., Ali S.M.	Exploring key enablers of sustainable transportation in small-and medium-sized manufacturing enterprises	2021	Kybernetes	-	-	-	-	-

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75.	Manivannan J., Rajesh S., Mayandi K., Rajini N., Ayrilmis N.	Investigation of abrasive water jet machining parameters on turkey fibre reinforced polyester composites	2021	Materials Today: Proceedings	45	-	-	800 0	8005
76.	Chithambar Ganesh A., Vinod Kumar M., Kanniga Devi R., Srikar P., Prasad S., Manoj Kumar M., Sarath R.P.	Pervious Geopolymer Concrete under Ambient Curing	2021	Materials Today: Proceedings	46	-	-	273 7	2741
77.	Mohanapandian K., Kamala S.S.P., Periasamy P., Priya N.S., Selvakumar B., Senthilkannan K.	Cu ²⁺ substituted Cr ₂ O ₃ nanostructures prepared by microwave-assisted method: an investigation of its structural, morphological, optical, and dielectric properties	2021	Journal of Sol-Gel Science and Technology	-	-	-	-	-
78.	Suganya B., Arumugam S.	Independent resolving sets in graphs	2021	AKCE International Journal of Graphs and Combinatorics	-	-	-	-	-

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80.	Solanki B.S., Kumawat R., Srinivasan S.	An Impact of Different Uncertainties and Attacks on the Performance Metrics and Stability of Industrial Control System	2021	Lecture Notes in Networks and Systems	204			557	574
81.	Jayanthi P., Devaraj D.	LVRT capability enhancement in the grid-connected DFIG-driven WECS using adaptive hysteresis current controller	2021	Environment, Development and Sustainability	-	-	-	-	-
82.	Saravanan K.S., Arjunan S., Kunjiappan S., Pavadai P., Sundar L.M.	Phytoconstituents as Lead Compounds for Anti-Dengue Drug Discovery	2021	Advances in Experimental Medicine and Biology	1322			159	193
83.	Thangamariappan E., Mohan M., Sundar K.	Computational prediction of B-cell epitopes of mycobacterium tuberculosis-Implications in vaccine design [Mycobacterium tuberculosis'in B Hücreleri Eritoplarının Hesaplamalı Tahmini-Aşıl Tasarımındaki Etkileri]	2021	Mediterranean Journal of Infection, Microbes and Antimicrobials	10	-	23	-	-
84.	Karuppiyah K., Sankaranarayanan B., Subramaniam S.	Evaluation of the Barriers in the Adoption of Automated Technology by the Manufacturing Sector: A Case from India	2021	Lecture Notes in Mechanical Engineering	-	-	-	421	429

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86.	Baranidharan K., Kumaran S.T., Uthayakumar M., Parameswaran P.	Comprehensive review of various corrosion behaviours on 316 stainless steel	2021	Metallurgical and Materials Engineering	27	2	-	115	135
87.	Shanmuga Eswari M., Indumathi N., Ramalakshmi R.	COVID-19 Epidemic Analysis and Prediction in Virudhunagar District Using Machine Learning	2021	Studies in Systems, Decision and Control	358	-	-	311	327
88.	Mukilan K., Rameshbabu C., Velumani P.	An efficient claim management assurance utilizing monarch butterfly optimization approach based epc model	2021	Engineering and Applied Science Research	48	5	-	570	580
89.	Kanniga Devi R., Muthukannan M., Babu Chokkalingam R., Babu Malayali A., Murali M., Maridurai T.	A study on evolution of geopolymers concrete	2020	Materials Today: Proceedings	46	-	-	397 5	3978
90.	Meyyappan P.L., Sutharsan R., Jemimah Carmichael M.	Utilization of Paper Sludge Ash in Lime Based Geopolymer Concrete: An Experimental Study	2022	Lecture Notes in Civil Engineering	171	-	-	1	8

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92.	Devendran P., Selvakumar D., Ramadoss G., Sivaramakrishnan R., Alagesan T., Jayavel R., Pandian K.	A novel visible light active rare earth doped CdS nanoparticles decorated reduced graphene oxide sheets for the degradation of cationic dye from wastewater	2022	Chemosphere	287	-	1320 91	-	-
93.	Bhuvaneswary N., Jayapriya V., Mounika V., Pravallika S.	Collision Avoidance in Vehicles Using Ultrasonic Sensor	2022	Lecture Notes in Networks and Systems	209	-	-	169	181
94.	Senthil T., Vijay Ganesh P.C.	Narrow Band Internet of Things as Future Short Range Communication Tool	2022	Lecture Notes in Networks and Systems	209	-	-	207	214
95.	Alagarsamy S., Subramanian R.R., Bobba P.K., Jonnadula P., Devarapalli S.R.	Designing a Smart Speaking System for Voiceless Community	2022	Lecture Notes in Networks and Systems	209	-	-	21	34
96.	Barani Sundaram B., Pandey A., Abiko A.T., Vijaykumar J., Rastogi U., Genale A.H., Karthika P.	Analysis of Machine Learning Data Security in the Internet of Things (IoT) Circumstance	2022	Lecture Notes in Networks and Systems	209	-	-	227	236

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98.	Anantha Kumar R., Kartheeban K.	Resource allocation using Dynamic Pricing Auction Mechanism for supporting emergency demands in Cloud Computing	2021	Journal of Parallel and Distributed Computing	158	-	-	213	226
99.	Rajkumar I, Rajini N., Siengchin S., Ismail S.O., Mohammad F., Al- Lohedan H.A., Tawfeek A.M., Issa Z.A.	Effects of sand and gating architecture on the performance of foot valve lever casting components used in pump industries	2021	Journal of Materials Research and Technology	15	-	-	165 3	1666
100.	Sankarganesh D., Kirkwood R., Angayarkanni J., Achiraman S., Archunan G.	Pig pheromones and behaviors: A review	2021	Theriogenology	175	-	-	1	6
101.	Jeyavijayan S., Ramuthai M., Murugan P.	Investigating potential Part of α - Santonin in the treatment of SARS- CoV-2 and cervical cancer based on molecular docking strategy	2021	Asian Journal of Chemistry	33	10	-	231 3	2320
102	Krishnan K.G., Saravanan V., Kumar C.U., Ramalingan C.	Fused thiazine tethered metal-free dyes for dye sensitized solar cells: A computational investigation	2021	Asian Journal of Chemistry	33	10	-	237 3	2378

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104.	Thangarasu S., Siva V., Asath Bahadur S., Athimoolam S.	Structural, vibrational, quantum chemical calculations, thermal and antimicrobial studies on nitrate salt of 3-nitroaniline	2021	Optical and Quantum Electronics	53	10	570	-	-
105.	Rajesh C., Palanimuthu V.R., Palanichelvam K.	Fatty acids and its derivatives of Acorus calamus Linn. rhizome induce stem cell-mediated cell division in plants and animals	2021	Biocatalysis and Agricultural Biotechnology	36	-	1021 53	-	-
106.	Muthuvel A., Said N.M., Jothibas M., Gurushankar K., Mohana V.	Microwave-assisted green synthesis of nanoscaled titanium oxide: photocatalyst, antibacterial and antioxidant properties	2021	Journal of Materials Science: Materials in Electronics	32	18	-	235 22	2353 9
107.	Ganesan M., Paranthaman S.	Dispersion-Corrected Density Functional Theory Studies On Glycolic Acid-Metal Complexes	2021	Journal of Structural Chemistry	62	8	-	116 7	1183
108.	Sivapragasam C., Archana B., Janani V.A., Andappan A., Vasudevan M., Natarajan N.	Real-time monitoring as an adaptive strategy towards green treatment of textile effluent using biosorbent from <i>Acalypha indica</i>	2021	Water Science and Technology: Water Supply	21	5	-	201 9	2034

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110.	Senthilkumar P., Rajesh K.	Analysis on Industrial Internet of Things (IIoT) Using Convolutional Neural Network Based Model Based Engineering	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	-	-	9489 234	593	596
111.	Karthi S.P., Arvinthlakkshman M.V., Arasu Nachiapan S., Ashwanth B., Krishna Kumar R.	Smart Health Monitoring System Using ANN Algorithm	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	-	-	9489 239		
112.	Muneeswaran V., Nagaraj M.P., Rajasekaran M.P., Chaithanya N.S., Babajan S., Reddy S.U.	Indigenous Health Tracking Analyzer Using IoT	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	-	-	9489 052	530	533

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114.	Prakash K.J., Reddy K.P.K., Goud K.S.K., Reddy S.T.	Vehicle Theft Intimation over SMS and Remote Control of its Engine	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	-	-	9489 106	149 6	1501
115.	Sankaran S., Britto P.I., Kadarkarai S., Sankaran V., Alagumariappan P., Esakky S.	Recuperation from Hamstring muscle injury using a novel-indigenously developed highly compatible prototype	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	-	-	9489 155		
116.	Sankaran S., Thiyagarajan A.P., Kannan A.D., Karnan K., Krishnan S.R.	Design and Development of Smart Airbag Suit for Elderly with Protection and Notification System	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	-	-	9488 972	127 3	1278

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