

# Quarterly Newsletter II

Apr 2021 - Jun 2021



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## KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION

(Deemed to be University)

Krishnankoil - 626 126

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## 1. GENERAL

### PARTICIPATION IN RANKING AND ACCREDITATIONS

- CAREERS360 - Engineering data has been submitted successfully on 09.04.2021.
- NBA Pre-Qualifiers for Continuation of NBA Accreditation for B.Tech. (Biotech, CSE, ECE) have been submitted successfully on 20.04.2021.
- Times of India Survey 2021 data has been submitted successfully on 07.06.2021.
- Mental Health Wellbeing (MHW) data has been submitted successfully on 10.06.2021.
- Times Engineering Survey 2021 - KARE has been Ranked 21<sup>st</sup> in Private Institutions & 30<sup>th</sup> in Overall on 30.06.2021.

### EDUCATION 4.0

Our Vice Chancellor Dr. Nagaraj Ramrao participated as one of the panelist in “Education 4.0: Addressing Learning Gaps and Building Students Employability” organised by BW Education on 5<sup>th</sup> May 2021.

**BW EDUCATION**  
www.bweducation.com

**WEDNESDAY WISDOM**

**BW BUSINESSWORLD**  
www.businessworld.in

**Education 4.0**  
Addressing Learning Gaps and Building Students Employability

May 5, 2021 | 4:00 pm - 5:15 pm [REGISTER NOW](#)

**Virendra Kumar Tiwari**  
Director  
IIT Kharagpur

**Prof Nagaraj R**  
Vice Chancellor  
Kalasalingam Academy

**Sunder Ramaswamy**  
Vice Chancellor  
KREA University

**Dr Sandeep Sancheti**  
Vice Chancellor  
Marwadi University

**Dr Annurag Batra**  
Chairman & Editor-In-Chief  
BW Businessworld &  
exchange4media Group

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www.businessworld.in | @BWBusinessworld



### 33<sup>rd</sup> Convocation

The 33<sup>rd</sup> convocation was held on 3<sup>rd</sup> April, 2021 at KARE and 2127 candidates were awarded degrees which includes undergraduate, post graduate, Doctoral degrees. The chief guest of the convocation was Dr. A.K. Singh, Director General-DRDO and the Guests of Honor were Mr. Manoj Banthia (Services Director-Siemens India) and Mr. Vithal Madyalkar (Program Director-IBM Innovation Centre). The Chief guest distributed the degrees to rank holders and Ph.D. students, while the guest of honour distributed the certificates.



## 2. ACADEMICS

### FACULTY DEVELOPMENT PROGRAMS ORGANIZED

No.	Title	Department	Date(s)	No. of Participants
1	Future Perspective of Semiconductor Devices	Electronics Communication Engineering	21.06.2021 to 25.06.2021	157
2	Digital Forensics	Computer Science and Engineering	21.06.2021 to 26.06.2021	7

### PARTICIPATIONS OF FACULTY MEMBERS IN CONFERENCES, SEMINARS, WORKSHOPS

No	Department	Participants
1.	Architecture	3
2.	Automobile Engineering	3
3.	Biotechnology	5
4.	Catering Science & Hotel Management	2
5.	Commerce	3
6.	Computer Science and Engineering	8
7.	Electronics and Communication Engineering	19
8.	Electrical and Electronics Engineering	1
9.	English	4
10.	Food Technology	12
11.	Information Technology	5
12.	Mathematics	6
13.	Visual Communication	2
14.	Social Work	1

### 3. STUDENT SUPPORT AND PROGRESSION

#### ALUMNI ENGAGEMENT

S. No	Department	Event Name	Date	Details of alumni resource person
1	Food Technology	Challenges faced by Dairy Industry	03.04.2021	Ms. Nivetha, Technical Officer, Hatsun Dairy, Mayiladuthurai.

#### ACTIVITIES OF NATIONAL SERVICE SCHEME & UNNAT BHARAT ABHIYAN

S. NO	Name of the Activity	Date(s)
1.	Anti-Terrorism Day – Pledge	21.05.2021
2.	International Biodiversity Day	22.05.2021
3.	Certification Procedures for Organic Standards	23.05.2021
4.	Known & Unknown Facts of Covid'19	23.05.2021
5.	World Environment Day	05.06.2021
6.	International Environment Day	05.06.2021-10.06.2021
7.	COVID-19 and its Impact	07.06.2021
8.	Yoga for Human Excellence	21.06.2021

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

Department of Electrical and Electronics Engineering  
&  
National Service Scheme (NSS)  
Jointly Organizes  
Pledge  
"Anti – Terrorism Day"  
21<sup>st</sup>, May 2021

**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

**Convenors**  
Dr. Siva Kumar  
Dean - Student Affairs, KARE  
Dr. B. Perumal  
NSS Coordinator, KARE  
Dr. A. Ram Kumar  
HoD – EEE, KARE

**Patrons**  
Dr. R. Nagaraj  
Vice Chancellor – KARE  
Dr. V. Vasudevan  
Registrar – KARE

**Coordinator**  
Mrs. P. Priya  
Assistant Professor, NSS Program  
Officer, EEE, KARE

**Registration Link**  
<https://forms.gle/mya5CnFavRv6Mg3z3>

*E - Certificates will be provided*

**KALASALINGAM**  
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Kalasalingam School of Agriculture and Horticulture (KSAH) &  
National Service Scheme (NSS)  
Jointly Organizes  
The Webinar on  
"International Biodiversity Day"

**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

**Convenors**  
Dr. B. PERUMAL  
NSS Coordinator, KARE  
Dr. D. SIVAKUMAR  
HoD – KSAH, KARE

**Coordinator**  
Dr. R. KANNAN  
Assistant Professor, NSS Program Officer,  
KSAH, KARE

**Keynote Speaker**  
Dr. R. Uma Maheswari,  
Assistant Professor,  
Dept. of Biotechnology,  
Cauvery College for Women,  
Trichy.

**Date**  
22<sup>nd</sup> May 2021

**Time**  
05.30 p.m. to 06.30 p.m.

**Participants Eligibility**  
2019 Batch  
Agri, Hort & B.Tech agri  
Students

**REGISTRATION LINK**  
[https://docs.google.com/forms/d/e/1FAIpQLSd0yph0rOEmTju-eL176nJJ3Lkc\\_XWStNM6bTLH9sggqx88kw/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSd0yph0rOEmTju-eL176nJJ3Lkc_XWStNM6bTLH9sggqx88kw/viewform?usp=sf_link)

**Meeting ID: 758 4613 4820**  
**Passcode: IBD220521**



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**KALASALINGAM SCHOOL OF AGRICULTURE AND HORTICULTURE (KSAH)**  
&  
**NATIONAL SERVICE SCHEME (NSS)**

Jointly Organizes  
The National Webinar on  
**CERTIFICATION PROCEDURES FOR  
ORGANIC  
STANDARDS**

**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**  
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Vice Chancellor - KARE  
Dr. V. VASUDEVAN  
Registrar - KARE

**Convenors**  
Dr. P. SIVAKUMAR  
Dean Student affairs, KARE  
Dr. D. SIVAKUMAR  
HoD - KSAH, KARE

**Coordinators**  
Dr. R. KANNAN  
Assistant professor,  
NSS Program Officer, KSAH, KARE  
Dr. B. PERUMAL  
NSS Coordinator, KARE

**Key Speaker**

  
**BOBBY ISSAC**  
Managing Director,  
**lacon**  
Lacon Quality Certification Pvt. Ltd,  
Pathanamthitta (District),  
Kerala.

**DATE**  
23/05/2021

**REGISTRATION LINK**  
[https://docs.google.com/forms/d/e/1FAIpQLse01gh1YUChazc\\_HK8M1Luo6bqGex3Co\\_Tl1Z1Doch\\_2yav/sviewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLse01gh1YUChazc_HK8M1Luo6bqGex3Co_Tl1Z1Doch_2yav/sviewform?usp=sf_link)

Meeting ID: 719 2625 8580  
Passcode: CPOS230521

Participants will get E-Certificate

**KALASALINGAM**  
Academy of Research and Education  
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**Department of ECE**  
**NATIONAL SERVICE SCHEME**  
INSTITUTION'S INNOVATION COUNCIL &  
**JCI SIVAKASI LION**

Jointly Organizes  
**"KNOWN & UNKNOWN FACTS OF COVID'19"**

**Chief Patrons**  
Dr. K. SRIDHARAN  
Chancellor - KARE  
Dr. S. ARIVALAGI  
Pro Chancellor - KARE  
Dr. S. SHASI ANAND  
Vice President - KARE  
Mr. S. ARJUN KALASALINGAM  
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Dr. V. VASUDEVAN  
Registrar - KARE  
Dr. P. SIVAKUMAR  
Director - Students Affairs, KARE

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NSS Coordinator, KARE  
Dr. J. DENY  
President, ITC, KARE  
Dr. M. KALPANA  
HoD - ECE, KARE

**Coordinator**  
Mr. Jenyfal  
NSS Program Officer, ECE, KARE  
Jc. HGF. Lion. P. MATHAN KUMAR  
President 2021 - JCI Sivakasi Lion

**RESOURCE PERSON**

  
**Jc HGF V. GANDHI LENIN**  
Zone Trainer, JCI India

**Today National  
TRAINING DAY  
MAY 23**

Date: 23-05-2021  
Time: 05.00 P.M  
Meeting Link:  
<https://meet.google.com/ybjysoafpwz>

All the Participants will get E-Certificate

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**INTERNATIONAL ENVIRONMENT DAY**

Celebrations  
**Join Hands to Save  
Environment**

  
**20GCE21**

**Theme: Green Clean Earth**

Organized by  
**School of Advanced Sciences  
Department of Chemistry  
NATIONAL SERVICE SCHEME**

Date: June 5-10, 2021  
Mode: Online



**ORGANIZING COMMITTEE**

**CHIEF PATRONS**  
Dr. K. Sridharan - Chancellor, KARE  
Dr. S. Shasi Anand - Vice President, KARE  
Dr. S. Arjun Kalasalingam - Vice President, KARE

**PATRONS**  
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Dr. V. Vasudevan - Registrar, KARE

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Dr. C. Ramalingan - Dean, SAS  
Dr. B. Perumal - NSS Coordinator, KARE  
Dr. E. R. Nagarajan - HoD (i/c), Chemistry

**PROGRAM COORDINATORS**  
Dr. B. Sundaravel - NSS PO, Chemistry, KARE  
Dr. P. Sivaranjana - Asst. Prof., Chemistry  
Ms. A.V. Surabhi - Asst. Prof., Chemistry (FS)

**About the Event**

National Service Scheme / Department of Chemistry-KARE is organizing a series of extra-curricular events in order to celebrate the International Environment Day

The motto for organizing such events is to inculcate the environmental awareness among the young minds

The students are encouraged to upload their creative ideas in the respective Google form link

**Event Links:**

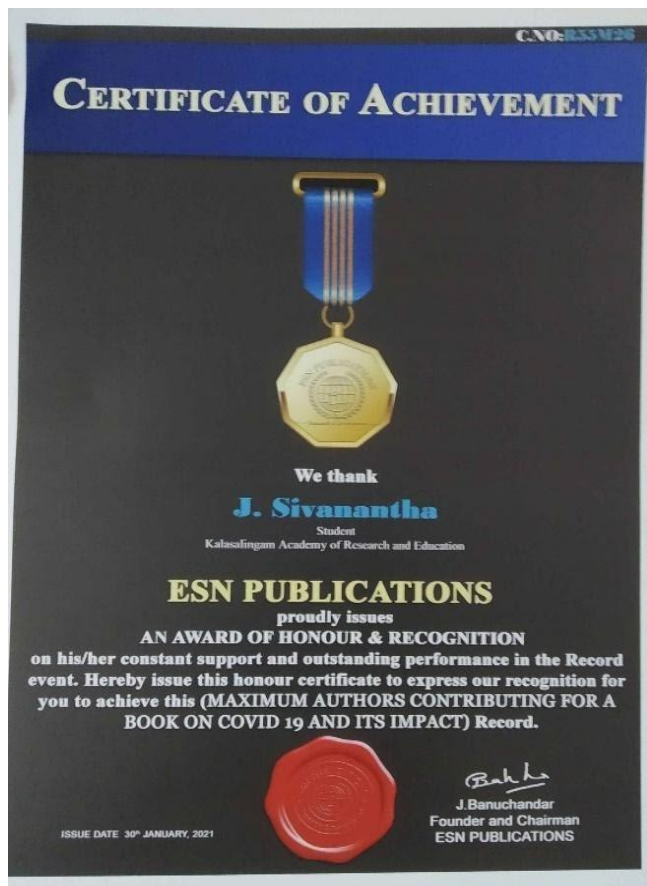
**Drawing Competition:**  
<https://forms.gle/BiAELuErE5uXb8c8>

**Snapshot (Photography):**  
<https://forms.gle/Vm6JLx9bAp9EWNdD9>

**Essay/Poem Writing:**  
<https://forms.gle/JLVdxJwEqNYUWreX9>

**Think Different:**  
<https://forms.gle/XHZYU9fqCBH8V9yt6>

**Contact us:**  
E-Mail: [sundaravel.b@klu.ac.in](mailto:sundaravel.b@klu.ac.in)  
Mobile: 8438410515, 9942683683



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**NATIONAL SERVICE SCHEME**  
&  
**UNNAT BHARAT ABHIYAN**  
Jointly Celebrating  
**International Yoga Day**  
One Day Webinar on  
**"Yoga for Human Excellence"**

**Chief Patron**  
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

**Keynote Speaker**  
**Dr. K. Sethuraman Ph.D. (Yoga)**  
Yoga Trainer & Counsellor, KARE  
Simplified Kundalini Yoga - Professor,  
World Community Service Center,  
Chennai

**Patrons**  
Dr. R. NAGARAJ  
Vice Chancellor - KARE  
Dr. V. VASUDEVAN  
Registrar - KARE  
Dr. P. SIVAKUMAR  
Director - Student Affairs, KARE

**Convenors**  
Dr. B. PERUMAL  
NSS Coordinator, KARE  
Dr. A. RAMKUMAR  
HoD - EEE, KARE  
Dr. M. KALPANA  
HoD - ECE, KARE

**Coordinators**  
Mrs. P. PRIYA  
NSS Program Officer, EEE, KARE  
Mr. JENYAL SAMPSON  
NSS Program Officer, ECE, KARE

**Volunteer**  
Mr. J. SIVANANTHA  
B.Sc. (Hons.) Agriculture, KSAH, KARE

**Date: 21 June 2021**  
**Time: 5:00 P.M**  
**Online Platform: Google Meet**

**Google Meet**  
<https://meet.google.com/rfg-dqju-wqu>

Participants will get E-Certificate

**CHIEF PATRONS**  
Dr. K. Sridharan - Chancellor, KARE  
Dr. S. Shasi Anand - Vice President, KARE  
Er. S. Arjun Kalasalingam - Vice President, KARE

**PATRONS**  
Dr. R. Nagaraj - Vice Chancellor, KARE  
Dr. V. Vasudevan - Registrar, KARE

**Convenors**  
Dr. P. Sivakumar, Director/Student Affairs  
KARE  
Dr. C. Ramesh Babu Dean/SECT, KARE  
Dr. B. Perumal, NSS Coordinator, KARE

**Coordinator**  
Dr. S. Vanitha  
NSS Program Officer/SECT

Google Meet joining info  
link: <https://meet.google.com/xke-gtdc-pht>

E certificates will be provided

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**School of Environmental and Construction Technology**  
In Association with IEI Students Chapter  
**World Environment Day**

**NATIONAL SERVICE SCHEME**

**Keynote Speaker**  
**Mr. B. K. Ramesh**  
Municipal Engineer  
Srivilliputhur  
**Date: June 5, 2021**  
**Time: 10.00 am to 11.00 am.**

**NATIONAL SERVICE SCHEME**



**ACTIVITIES OF NCC**

S. No	Name of the Activity	Date
1.	Enrollment in YuWaah Platform	03.06.2021 - 07.06.2021
2.	International Yoga Day	21.06.2021

**ACTIVITIES OF PHYSICAL EDUCATION**

S. No	Name of the Event	Date
1.	Fitness And Wellness for All	11.06.2021
2.	Nutrition And Diet for Healthy Life	21.06.2021

**CHIEF PATRONS**

**Dr.K.Sridharan** - Chancellor, KARE

**Dr.S.Shasi Anand** - Vice President, KARE

**Er.S.Arjun Kalasalingam** - Vice President, KARE

**PATRONS**

**Dr.R.Nagaraj** - Vice Chancellor, KARE

**Dr.V.Vasudevan** - Registrar, KARE

**ADVISOR**

**Dr.P.Sivakumar** - Director, Student Affairs, KARE

**ORGANIZING SECRETARY**

**Dr.G.T.Selvaganesh** - HOD(i/c)  
Department of Physical Education, KARE


**JOINT ORGANIZING SECRETARY**

**Ms.A.Chithra** - Assistant Physical Directress, KARE

**Contact us:**

**E-Mail : [kluphysical@klu.ac.in](mailto:kluphysical@klu.ac.in)**

**Mobile: 9789123630 , 7904285446**



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Anand Nagar, Krishnankoil - 626126, Srivilliputtur (Via), Virudhanagar (DT), Tamil Nadu | [info@kalasalingam.ac.in](mailto:info@kalasalingam.ac.in) | [www.kalasalingam.ac.in](http://www.kalasalingam.ac.in)

**DEPARTMENT OF PHYSICAL EDUCATION**


proudly inviting you for the National Webinar on

**“ FITNESS AND WELLNESS FOR ALL “**

Resource Person :

**Dr.E.SARAVANAN**

**Principal, Vinayaka Mission's College of Physical Education, Salem.**



Google Meet Link : <https://meet.google.com/dnq-ynrf-dqx>

**Date : 11.06.2021 @11.00 AM**

- No Registration Fee
- E Certificate will be issued to the registered participants



**Registration Link : <https://forms.gle/1XU11h2EK96PsXpM7>**

## CHIEF PATRONS

**Dr.K.Sridharan** - Chancellor, KARE

**Dr.S.Shasi Anand** - Vice President, KARE

**Er.S.Arjun Kalasalingam** - Vice President, KARE

## PATRONS

**Dr.R.Nagaraj** - Vice Chancellor, KARE

**Dr.V.Vasudevan** - Registrar, KARE

## ADVISOR

**Dr.P.Sivakumar** - Director, Student Affairs, KARE

## ORGANIZING SECRETARY

**Dr.G.T.Selvaganesh** - HOD(*vc*)

Department of Physical Education, KARE

## JOINT ORGANIZING SECRETARY

**Ms.A.Chithra** - Assistant Physical Directress, KARE

## Contact us:

**E-Mail : [kluphysical@klu.ac.in](mailto:kluphysical@klu.ac.in)**

**Mobile: 9789123630 , 7904285446**



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Anand Nagar, Kizhambakkal - 626126, Srivilliputhur (Via), Virudhunagar (Dt), Tamil Nadu | [info@kalasalingam.ac.in](mailto:info@kalasalingam.ac.in) | [www.kalasalingam.ac.in](http://www.kalasalingam.ac.in)



## DEPARTMENT OF PHYSICAL EDUCATION

proudly inviting you for the National

Webinar on

**“NUTRITION AND DIET FOR  
HEALTHY LIFE ”**

**In commemoration of**

**7<sup>th</sup> INTERNATIONAL DAY OF YOGA - 2021**

Resource Person:

Mrs. **G.S.SHIVA RANCHANI**

Dietician & Nutritionist, Rajapalayam



Google Meet Link : <https://meet.google.com/dnq-ynrf-dqx>

**Date : 21.06.2021 @ 09.00 AM**

- E Certificate will be issued to the registered participants
- No Registration Fee



**Registration Link : <https://forms.gle/1TVVQ98Vk7NPDUX7A>**



## NATURE CLUB GREENOLIN-2K21

GREENOLIN-2K21 an Intra University event was conducted on 15.05.2021. This event was conducted in the virtual mode using Google meet as a platform. This event encourages the students to exhibit their skills in Public Speaking, painting, craft making and digital meme creation with reference to nature. 143 students participated.

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**NATURE CLUB KARE**  
proudly presents  
**GREENOLIN 2K21**  
**EARTH DAY**

**Earth Day Celebration**

**EVENTS**

- CRAFT MONGERS**
- GREENY ORATION**
- ETHICAL MEMES**

**15 MAY 2021**  
**LAST DATE FOR SUBMISSION**  
**14.05.2021 BEFORE 6 P.M.**

**FOR QUERIES AND FURTHER DETAILS**

**FACULTY COORDINATOR**  
MR. K.MUTHAMIL SUDAR  
AP/CSE & COORDINATOR NC KARE

**STUDENT COORDINATORS**  
ABINAYA P - BIOTECHNOLOGY  
KARTHIKEYAN E - CHEMICAL ENGG

**9087813361**  
**kare.natureclub@gmail.com**

## FINE ARTS CLUB SHIZEN FEST 2K21

Kalasalingam Academy of Research and Education with Fine Arts Club – PYROS was organized a Virtual Cultural Fest “SHIZEN FEST 2k21” for school and college students through virtual mode on 26<sup>th</sup>& 27<sup>th</sup> of June 2021. Events such as music, dance, arts, variety, literature, fashion and gaming were conducted with exciting cash prizes for every event. Totally 92 participants participated and exhibited their talents.

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**PYROS - FINE ARTS CLUB PROUDLY PRESENTS**  
**SHIZEN FEST 2K21**  
**REFORMING THE NATURE**  
Inter-college and School Cultural Fest  
26 & 27 JUNE, 2021

**10+ EVENTS**

**ENTER TO WIN PRIZES**

**QR CODE**



## MIRTH 2K21

An Intra University Virtual Cultural Fest - MIRTH2K21 was conducted by Fine Art Club on 30.04.2021. Several events such as Music, Dance, Variety, Fashion, Gaming, Entertainment and Liberal Arts were conducted. All the events of MIRTH2K21 are intended to encourage and bring out the hidden talents of all the students belonging to KARE family. 713 students participated. Prizes were distributed for the best performance.

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**MIRTH 2K21**  
AN INTRA UNIVERSITY CULTURAL FEST

EVENTS IN THEME OF DANCE,  
MUSIC, ART, LITERATURE, FASHION,  
GAMING, VARIETY

CONVENOR: DR. P. SIVAKUMAR  
DIRECTOR OF STUDENT AFFAIRS  
9087813362

COORDINATOR: MR. M. ARMSTRONG  
9500331330

STUDENT CONVENORS:  
MR. E. KARTHIKEYAN (9087813362) | MR. D. GOKUL (9080594119)

Contact Mail: [sparkz@klu.ac.in](mailto:sparkz@klu.ac.in)

Join and enjoy the Grand cultural fest of KARE

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

An Intra University Virtual Cultural Fest  
**MIRTH-2K21**  
30 APRIL 2021  
VIRTUAL VALEDICTORY CEREMONY  
@ 3:30 p.m.

"ILLAYAVALLAL" Dr. K. Sridharan  
Chancellor

Dr. S. Arivazhagi  
Pro Chancellor

Dr. S. Shasi Anand  
Vice President

Mr. S. Arjun Kalasalingam  
Vice President

will preside over the function

Dr. R. Nagaraj  
Vice Chancellor

Dr. V. Vasudevan  
Registrar

has kindly consented to inaugurate the function and will offer the felicitations

We cordially invite your esteemed presence on the grand occasion

Organizing Chair: Dr. P. Sivakumar (Director- Student Affairs)  
Convenor: Mr. M. Armstrong (Coordinator- FAC)  
STUDENT INCHARGES: Gokul D - Fine Arts Club, Karthikeyan E - Nature Club

## PHOTOGRAPHY CLUB

### ATTAIN '21

Attain event was conducted by photography club on 02.05.2021. This event was conducted in the virtual mode using Google meet as a platform. 70 students participated.

**Photography Club KARE**  
PRESENTS

**Attain**  
An online event

EVENTS:  
**AUTOMOBILE**  
AND  
**FOOD**

REGISTER HERE  
<https://forms.gle/ZXUd7wkdjVc0h9XA>

**DUE: - 2 - MAY '21**

For more details:  
Abhinav (9715626864)  
Lokesh (8883724521)

Photographyclub@klu.ac.in  
@photographyklu


## 4. RESEARCH

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

S. No	Title	Department	Date	No. of Attendees
1.	Techniques in Sustainable Urbanization	Biotechnology	28.05.2021	31
2.	Research Opportunities in IOT and Robotics	Electronics Communication Engineering	30.05.2021	35
3.	Big data and data analytics in Retail shopping	Computer Science and Engineering	04.05.2021	70
4.	Exploring the basics of Programming	Computer Science and Engineering	03.05.2021	63
5.	Essential Skills and Traits for Social Workers	Social Work	02.05.2021	13
6.	Advance concepts in Baking	Food Technology	28.05.2021	50
7.	Embedded System Development Cycle	Electronics Communication Engineering	03.06.2021	184
8.	Career Opportunities in social media	Computer Science and Engineering	02.06.2021	130
9.	Inspirational Careers	Computer Science and Engineering	04.06.2021	136
10.	webinar on How to Become Pro in Choosing and Learning Technology	Computer Science and Engineering	07.06.2021	72
11.	Importance of Digitalization in Business	Computer Science and Engineering	08.06.2021	69
12.	cloud Security	Computer Science and Engineering	10.06.2021	124
13.	Is Data Analytics Your Future	Computer Science and Engineering	11.06.2021	63
14.	Exploring the World of Automation	Computer Science and Engineering	19.06.2021	140
15.	Current Trends and Technology for Web Applications	Computer Science and Engineering	26.06.2021	94
16.	Applications of Industry Info in Automotive Electronics based on MCU8051IDE-An Open-Source Tool	Electronics Communication Engineering	12.06.2021	209
17.	Alumni interaction	Food Technology	13.04.2021	73
18.	Variations in distance Magic Graphs	Mathematics	04.04.2021	50
19.	Social Media Technical usage for Learning and exploring the opportunities	Computer Science and Engineering	29.04.2021	65
20.	Application of Methods of Social	Social Work	30.04.2021	7

	Work in Social Work Settings			
21.	Service Management	Computer Science and Engineering	23.05.2021	88
22.	Current and Future Opportunities in Virtual Reality	Computer Science and Engineering	15.05.2021	137
23.	LATEX for Beginners	Mathematics	08.05.2021	42
24.	Carrier Opportunities in Big data Technologies	Computer Science and Engineering	05.06.2021	55

#### PHD VIVA- VOCE EXAMINATION DEFENDED BY FACULTY MEMBERS

Name of the faculty member and department		Supervisor	Thesis title	Data of viva-voce examination
	Mr. D. Ganesha Perumal, Department of Electronics Communication Engineering	Dr. B. Subathra	Development of Extremum Seeking and Behaviour based Autonomous Operation of Micro Electric Vehicle	03.04.2021

#### PROJECT GRANTS RECEIVED FROM GOVERNMENT AGENCIES

No	Principal Investigator	Title of the Project	Funding Agency	Sanctioned Amount (Rs)	Letter Number and Date
1	Dr. Seshadhri Srinivasan, Dr. V. Vasudevan, Dr. B. Subathra	Resilient and optimal micro-Energy-grid (ROME)	International Bilateral Cooperation Division	1989000	28.05.2021
2	Dr. S. Rajesh, Dr. M. Uthayakumar	Micromachining of Biomedical Materials (Shape Memory Alloys) using Acidithiobacillus Ferroxidans and Thiooxidans Microorganism	DST	2572400	28.05.2021
3	M. Karuppasamyandiyan	Intelligent phase failure control of distribution transformer for Rural/Village area	IEEE R10	US 500 dollar (Rs.33,190)	16.06.2021



**FACULTY AWARDS**

No	Faculty Name	Awarding Agency	Agency name	Award name	Date
1	Dr. S. Shantkriti	International body	Letters in Applied Microbiology	Journal Reviewer	05.04.2021
2	Dr. S. Shantkriti	International body	PLOS ONE	Invited Reviewer	20.04.2021
3	Mr. S. Sakthivel	International body	Journal of pharmaceutical research international	Certificate of Excellence in Reviewing	20.04.2021
4	Dr. P. Devendran	International body	Publisher: De Gruyter	Reviewer in Zeitschrift für Naturforschung A	12.04.2021
5	Mr. Radeep Krishna R	private organization	Asian Education Awards	Best Teaching Award	04.06.2021
6	Mr. K.Pandiaraj	private organization	Kalasalingam Academy of Research and Education	SAP Global Certification	08.06.2021
7	Mrs. N. Bhuvaneshwary	private organization	KARE	Certificate of appreciation for SAP	15.06.2021

**PATENT**

No	Department	Patent Title	Name of the Faculty	Application Number	Filing Date
1.	Mechanical Engineering	Car Cover with Electro Magnetic Strip	P. Jayakumar	342126-001	08.04.2021
2.	Mechanical Engineering	Water Proof Car Cover with Electro Magnetic Strip	P. Jayakumar	342126-002	08.04.2021
3.	Mechanical Engineering	Remote Operable Interior Track Light Height Adjustable System	P. Jayakumar	342127-001	08.04.2021
4.	Electronics Communication Engineering	Solar Powered Escalator	Dr. S. Diwakaran	202141017941	23.04.2021
5.	Biomedical Engineering	Wearable / Portable Electrical Muscle Stimulation Belt	Mr. S. Sakthivel, Dr. J. Deny, Ms. K. Shanmuganandhini, Ms. V. Priyadharshini, Ms. V. Malathi	202141007257	30.04.2021
6.	Civil Engineering	Smart Device To Detect The Ratio Of Concrete Mixture	Dr. PL. Meyyappan	202141020278	07.05.2021
7.	Mechanical Engineering	Floor Tiles Through Pet Bottle	V.B. Saravanan G. Ramkumar	14030	18.05.2021
8.	Electronics	A Coin Recognition	Dr. M. Geetha, P.	202141012130	22.05.2021

No	Department	Patent Title	Name of the Faculty	Application Number	Filing Date
	Communication Engineering	System for Blind People	Suresh, Dr. S. Diwakaran, Mr. S.P. Velmurugan		
9.	Computer Applications	Detection and Elimination of Logic Bugs in IOT Device Platforms and Networks	Jacob, Vinodkumar, Tandon, Aditya, Moeed, Syed Abdul, Subbarayudu, Chilukuri Bala Venkata, Arun, M. Kandhasamy, J. Pradeep Singh, Deepak Kumar and Singh, Shailendra Pratap	2021102490	12.05.2021

## 5. MISCELLANEOUS

### **IQAC MEETING**

The IQAC third quarter meeting was held on 27.05.2021 via online platform. The external members Dr. N. Alagumurthi, Professor & Head, Mechanical Engineering, Pondicherry Engineering College, Dr. K. Janakiraman, Head OBO Betterman Chennai and Dr. Arun Rajagopal, Director (Data Science), Evive Software Analytics, Bengaluru attended the same and offered their valuable suggestions.

Few key points are:

- Members suggested to offering Equivalent Certificate for minor course completion in KARE.
- In Alumni feedback, need to analysis at micro level with respect to lacking departments.
- Members appreciated that an average of 90% of engineering department students and 85% of arts & science department students are well satisfied with the teaching learning process.
- Enhance online e-resources through central library.
- Members appreciated the KARE IUCEE Students Chapter activities which is fully managed by the students.



**SCOPUS LISTED PUBLICATIONS DURING APRIL - JUNE 2021**

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O. I	Page start	Page end
1.	Premkumar, R., Hussain, S., Koyambo-Konzapa, S.-J., Jayram, N.D., Mathavan, T., Benial, A.M.F.	SERS and DFT investigations of methyl 4-bromo-1H-pyrrole-2-carboxylate adsorbed on silver and gold substrates: In perspective of biosensor applications	2021	Journal of Molecular Structure	1236		1302 72		
2.	Karuppiah, K., Sankaranarayanan, B., Ali, S.M.	On sustainable predictive maintenance: Exploration of key barriers using an integrated approach	2021	Sustainable Production and Consumption	27			1537	1553
3.	Karuppiah, K., Sankaranarayanan, B., Ali, S.M., Jabbour, C.J.C., Bhalaji, R.K.A.	Inhibitors to circular economy practices in the leather industry using an integrated approach: Implications for sustainable development goals in emerging economies	2021	Sustainable Production and Consumption	27			1554	1568
4.	Jinil Persis, D., Venkatesh, V.G., Raja Sreedharan, V., Shi, Y., Sankaranarayanan, B.	Modelling and analysing the impact of Circular Economy; Internet of Things and ethical business practices in the VUCA world: Evidence from the food processing industry	2021	Journal of Cleaner Production	301		1268 71		
5.	Jeevaraj, M., Sudhakar, S., Kumar, M.K.	Evolution of stability enhancement in organo-metallic halide perovskite photovoltaics-a review	2021	Materials Today Communications	27		1021 59		
6.	Kumar, C.U., Prakasam, B.A., Ramalingam, C., Vidhyasagar, T., Pillai, M.V.	Synthesis, spectral, structural and computational studies of isobutyl 6-amino-5-cyano-4-(1-(4-isobutylphenyl)ethyl)-2-methyl-4H-pyran-3-carboxylate	2021	Chemical Data Collections	33		1006 89		

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
7.	Raja, A., Selvakumar, K., Swaminathan, M., Kang, M.	Redox additive based rGO-Dy <sub>2</sub> WO <sub>6</sub> -ZnO nanocomposite for enhanced electrochemical supercapacitor applications	2021	Synthetic Metals	276		1167 53		
8.	Velumani, P., Nampootheri, N.V.N.	Volatility forecast of CIDC construction cost index using smoothing techniques and machine learning	2021	International Review of Applied Sciences and Engineering	12	1		50	56
9.	Jagan, S., Neelakantan, T.R.	Effect of silica fume on the hardened and durability properties of concrete	2021	International Review of Applied Sciences and Engineering	12	1		44	49
10.	Selvarengan, P.	Density functional theory reactivity studies on X <sub>3</sub> N@C <sub>80</sub> (X = Sc, Gd, Lu) fullerenes	2021	Asian Journal of Chemistry	33	4		814	818
11.	Sandeep, V., Kondappan, S., Jone, A.A., Raj Barath, S.	Anomaly intrusion detection using SVM and C4.5 classification with an improved particle swarm optimization (I-PSO)	2021	International Journal of Information Security and Privacy	15	2		113	130
12.	Winsley, J.B.B., Muthukannan, M.	Behaviour of expanded flyash clay aggregate concrete exposed to elevated temperature	2021	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	29	Suppl 1		181	191
13.	Faheem, Karan Kumar, B., Chandra Sekhar, K.V.G., Chander, S., Kunjiappan, S., Murugesan, S.	Medicinal chemistry perspectives of 1,2,3,4-tetrahydroisoquinoline analogs - biological activities and SAR studies	2021	RSC Advances	11	20		1225 4	1228 7

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
14.	Benisha, M., Thandaiah Prabu, R., Gowri, M., Vishali, K., Priyadharshini.r, D., Anisha, M., Chezhiyan, P., Elliot, C.J.	Design of wearable device for child safety	2021	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	9388592	1076	1080	9388 592	1076
15.	Anisha, M., Arsad, U.M., Starly, P.J., Dhanalakshmi, K., Anitha, S., Benisha, M., Chezhiyan, P., Elliot, C.J.	Arduino based low-cost greenhouse monitoring system for small scale farmers	2020	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	9388402	1120	1127	9388 402	1120
16.	Anisha, M., Sivasangari, J., Rani, V.A., Chezhiyan, P., Bebin, M., Elliot, C.J., Benisha, M., Firthous, A.T.	Design of mechanical creeper for disabled persons	2020	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	9388545	502	506	9388 545	502



No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
17.	Elliot, C.J., Gayathry, V., Pannertamil, A., Thiyam, D.B., Chezhiyan, P., Benisha, M., Anisha, M., Thandaiah Prabu, R.	A customized knee brace for osteoarthritis patient using 3D printing a customized knee brace using 3D printing	2020	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	9388526	1300	1303	9388 526	1300
18.	Anisha, M., Kirthika, S., Harline, D.J., Thenmozhi, P., Rubala, R., Pragathi, T.G., Benisha, M., Elliot, C.J.	Low-cost smart shoe for visually impaired	2020	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	9388432	1108	1111	9388 432	1108
19.	Sheela, V.K., Nedumaran, A., Saraswathi, P.V., Karthika, P.	Performance analysis of stego-image security in machine learning	2020	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	9388598	676	678	9388 598	676

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
20.	Sundaram, B.B., Pandey, A., Abiko, A.T., Vijaykumar, J., Genale, A.H., Karthika, P.	Wireless sensor network to connect isolated nodes using link assessment technique	2020	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	9388535	39	42	9388535	39
21.	Athithan, A.A., Jeyakumar, S., Sczygiol, N., Urbanski, M., Hariharasudan, A.	The Combustion Characteristics of Double Ramps in a Strut-Based Scramjet Combustor	2021	Energies	14	4	831		
22.	Bhatt, D., Danalakshmi, D., Hariharasudan, A., Lis, M., Grabowska, M.	Forecasting of Energy Demands for Smart Home Applications	2021	Energies	14	4	1045		
23.	Raja Subramanian, R., Akshith, N., Murthy, G.N., Vikas, M., Amara, S., Balaji, K.	A survey on sentiment analysis	2021	Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering	9377136	70	75	9377136	70

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
24.	Raja Subramanian, R., Achuth, D., Shiridi Kumar, P., kumar Reddy, K.N., Amara, S., Chowdary, A.S.	Skin cancer classification using Convolutional neural networks	2021	Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering	9377155	13	19	9377155	13
25.	Raja Subramanian, R., Mohan, H., Jenny, A.M., Sreshta, D., Prasanna, M.L., Mohan, P.	PSO based fuzzy-genetic optimization technique for face recognition	2021	Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering	9377028	374	379	9377028	374
26.	Subbiah, A., Chandrasekaran, S., Veerasimman, A.	Experimental Investigations to Promote Better Adaptability of Safety Helmets Using Jute Fiber Reinforced Polyester Composites- A Waste Utilization Approach	2021	Journal of Natural Fibers	-	-	-	-	-
27.	Gnanasekaran, D.	Research Contribution of Kalasalingam Academy of Research and Education, Tamil Nadu, India: A Scientometric Evaluation	2021	Library Philosophy and Practice	2021			1	12
28.	Susymary, J., Deepalakshmi, P.	Machine learning for precision medicine forecasts and challenges when incorporating non omics and omics data	2021	Intelligent Decision Technologies	15	1		69	85

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O. I	Page start	Page end
29.	Natarajan, S., Govindaraj, V., Narayanan, A., Murugan, P.R., Thiyagarajan, A., John Samuvel, D., Balasubramanian, K.	Review on Brain MRI Segmentation Methods	2021	Lecture Notes in Electrical Engineering	700			351	360
30.	Sankar, J., Kumar, S.S.	Synthesis and characterization of nano cerium oxide using hydrothermal technique	2021	INCAS Bulletin	13	1		173	181
31.	Thirugnanasambandan, T.	Advances of Engineered Nanofertilizers for Modern Agriculture	2021	Advances in Science, Technology and Innovation				131	152
32.	Raja, M., Dhanasekaran, S., Vasudevan, V.	Correction to: Opposition Based Joint Grey Wolf-Whale Optimization Algorithm Based Attribute Based Encryption in Secure Wireless Communication (Wireless Personal Communications, (2021), 10.1007/s11277-021-08357-8)	2021	-	-	-	-	-	-
33.	Sreedivya, K.M., Aruna Jeyanthi, P., Devaraj, D.	RGA-Based Stabilizer for Stability Enhancement Using Local and Wide-Area Signals	2021	700			1035	1054	700
34.	Veerachamy, R., Ramar, R.	Agricultural Irrigation Recommendation and Alert (AIRA) system using optimization and machine learning in Hadoop for sustainable agriculture	2021	-	-	-	-	-	-



No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
35.	Ashok Kumar, S., Pravin, J.C.	Performance Evaluation of Sub 5 nm GAA NWMBCFET using Silicon Carbide Source/Drain Material	2021	-	-	-	-	-	-
36.	Pandian, S.R.K., Kunjiappan, S., Ravishankar, V., Sundarapandian, V.	Synthesis of quercetin-functionalized silver nanoparticles by rapid one-pot approach	2021	102	1		75	84	102
37.	Shenbagavalli, S., Muthuvinayagam, M., Jayanthi, S., Revathy, M.S.	Investigations on Al <sub>2</sub> O <sub>3</sub> dispersed PEO/PVP based Na <sup>+</sup> ion conducting blend polymer electrolytes	2021	-	-	-	-	-	-
38.	Palanimurugan, Jeyavijayan, S.	Vibrational spectroscopic investigation and electronic properties of 4-hydroxy-3-methylbenzoic acid	2021	14	1		389	396	14
39.	Ramalingam, S., Raji, S., Subramania, A.	Electrodeposition of Cu-PPy nanocomposite and its corrosion resistance behaviour	2021	14	1		359	367	14
40.	Koppiahraj, K., Bathrinath, S., Venkatesh, V.G., Mani, V., Shi, Y.	Correction: Optimal sustainability assessment method selection: a practitioner perspective (Annals of Operations Research, (2021), 10.1007/s10479-021-03946-z)	2021	-	-	-	-	-	-
41.	Ahmed, S., Taqi, H.M.M., Farabi, Y.I., Sarker, M., Ali, S.M., Sankaranarayanan, B.	Evaluation of Flexible Strategies to Manage the COVID-19 Pandemic in the Education Sector	2021	-	-	-	-	-	-

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
42.	Suppandipillai, J., Kandasamy, J., Sivakumar, R., Karaca, M., K, K.	Numerical investigations on the hydrogen jet pressure variations in a strut based scramjet combustor	2021	-	-	-	-	-	-
43.	Sasikumar, S., Fan, H., Wang, W., Saravanakumar, S., Sivaganesh, D., Aravinth, K.	Influence of Eu <sup>3+</sup> -doped BaTiO <sub>3</sub> phosphors on structural, optical and photoluminescence properties	2021	-	-	-	-	-	-
44.	Chandran, V., Patil, C.K., Karthick, A., Ganeshaperumal, D., Rahim, R., Ghosh, A.	State of charge estimation of lithium-ion battery for electric vehicles using machine learning algorithms	2021	12	1	38			12
45.	Mukilan, K., Rameshbabu, C., Velumani, P.	A modified particle swarm optimization for risk assessment and claim management in engineering procurement construction projects	2020	Materials Today: Proceedings	42			786	794
46.	Meyyappan, P.L., Jemimah Carmichael, M.	Studies on strength properties of basalt fibre reinforced concrete	2020	Materials Today: Proceedings	43			2105	2108
47.	Carmichael, M.J., Arulraj, G.P., Meyyappan, P.L.	Effect of partial replacement of cement with nano fly ash on permeable concrete: A strength study	2020	Materials Today: Proceedings	43			2109	2116
48.	Deepthi, T., Balamurugan, K., Kalusuraman, G.	Abrasive waterjet machining studies on Al6061/15%LaPO <sub>4</sub> composite	2020	Materials Today: Proceedings	38			2907	2911

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O.I	Page start	Page end
49.	Pattabiraman, K., Kameswari, M., Seenivasan, M.	Two graph invariants of certain types of convex polytopes	2020	Materials Today: Proceedings	42			947	950
50.	Vinod Kumar, M., Jebamalai Raj, S., Rajesh Kumar, K., Gurumoorthy, N., Chithambar Ganesh, A.	Flexural and shear performance of HFRC beams	2020	Materials Today: Proceedings	42			816	820
51.	Suppuraj, P., Thirunarayanan, G., Rajalakshmi, S., Usha, V., Sundaramurthy, N., Swaminathan, M., Muthuvel, I.	TiO <sub>2</sub> /ZnFe <sub>2</sub> O <sub>4</sub> nanospheres: An efficient, photocatalytic, electrocatalytic and cytotoxicity applications	2020	Materials Today: Proceedings	43			2134	2139
52.	Deena, H., Khadeeja, P., Leena, P.K.F., Lekshmi, J.S., Sreekumar, N.	Production of industrial coagulant (Poly Aluminium Chloride) from used beverage cans	2019	Journal of Scientific and Industrial Research	78	7		448	453
53.	Shankar, K., Ilayaraja, M., Deepalakshmi, P., Ramkumar, S., Kumar, K.S., Lakshmanaprabu, S.K., Maseleno, A.	Opinion mining analysis of e-commerce sites using fuzzy clustering with whale optimization techniques	2019	Expert Systems in Finance: Smart Financial Applications in Big Data Environments				67	79

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O. I	Page start	Page end
54.	Maseleno, A., Shankar, K., Huda, M., Othman, M., Khoir, P., Muslihudin, M.	CEL: Citizen economic level using SAW	2019	Expert Systems in Finance: Smart Financial Applications in Big Data Environments				97	111
55.	Solanki, B.S., Renu, K., Srinivasan, S.	Stability and Security Analysis with Identification of Attack on Industrial Networked Control System: An Overview	2019	Internetworking Indonesia Journal	11	2		3	8
56.	Prabhu, S., Balaji, C., Navaneethan, M., Selvaraj, M., Anandhan, N., Sivaganesh, D., Saravanakumar, S., Sivakumar, P., Ramesh, R.	Investigation on mesoporous bimetallic tungstate nanostructure for high-performance solid- state supercapattery	2021	Journal of Alloys and Compounds	875		1600 66		
57.	Kaliammal, R., Parvathy, G., Kumar, R.M., Kumar, M.K., Vinitha, G., Sudhahar, S.	Physicochemical and quantum chemical calculations on new bis (2-amino-6-methylpyridinium 3,4-dimethoxybenzoate) dihydrate organic single crystal for third order nonlinear optical applications	2021	Chinese Journal of Physics	72			100	125



No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O. I	Page start	Page end
58.	Mani, M., Okla, M.K., Selvaraj, S., Ram Kumar, A., Kumaresan, S., Muthukumaran, A., Kaviyarasu, K., El-Tayeb, M.A., Elbadawi, Y.B., Almaary, K.S., Ahmed Almunqedhi, B.M., Elshikh, M.S.	A novel biogenic Allium cepa leaf mediated silver nanoparticles for antimicrobial, antioxidant, and anticancer effects on MCF-7 cell line	2021	Environmental Research	198		1111 99		
59.	Jebathew, A.J., Karunakaran, M., Ade, R., Jayram, N.D., Ganesh, V., Bitla, Y., Vinoth, S., Algarni, H., Yahia, I.S.	Optical manipulation of nebulizer spray pyrolysed ZnS thin films for photodetector applications: Effect of Al, Sn and Sb doping	2021	Optical Materials	117		1111 77		
60.	Mohan, U.P., Tirupathi Pichiah, P.B., Iqbal, S.T.A., Arunachalam, S.	Mechanisms of doxorubicin-mediated reproductive toxicity – A review	2021	Reproductive Toxicology	102			80	89

No.	Authors	Title	Year	Source title	Volume	Issue	Art. No./ D.O. I	Page start	Page end
61.	Leeladevi, K., Arunpandian, M., Kumar, J.V., Chellapandi, T., Thiruppathi, M., Madhumitha, G., Lee, J.-W., Nagarajan, E.R.	Fabrication of 3D pebble-like CeVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> nanocomposite: A visible light-driven photocatalyst for mitigation of organic pollutants	2021	Diamond and Related Materials	116		1084 24		
62.	Subramanian, R.R., Vasudevan, V.	A deep genetic algorithm for human activity recognition leveraging fog computing frameworks	2021	Journal of Visual Communication and Image Representation	77		1031 32		
63.	Thangarasu, S., Siva, V., Athimoolam, S., Bahadur, S.A.	Synthesis, spectroscopic studies, antimicrobial activity and computational calculations on 3-nitroanilinium dihydrogen phosphate	2021	Asian Journal of Chemistry	33	5		1099	1106
64.	Murugesan, K., Balasubramani, P., Murugan, P.R., Sankaranarayanan, S.	Color-based SAR image segmentation using HSV+FKM clustering for estimating the deforestation rate of LBA-ECO LC-14 modeled deforestation scenarios, Amazon basin: 2002–2050	2021	Arabian Journal of Geosciences	14	9	777		
65.	Pitchaimanickam, B.	Bat Inspired Technique for Effective Clustering in Wireless Sensor Networks	2021	Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021			9418 315	79	84

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67.	Ganesh, C., Muthukannan, M., Kumar, A.S., Arunkumar, K.	Influence of bacterial strain combination in hybrid fiber reinforced geopolymer concrete subjected to heavy and very heavy traffic condition	2021	Journal of Advanced Concrete Technology	19	4		359	369
68.	Kumaresan, M., Sharma, T.S.K., Hwa, K.Y., Saravanan, V., Sami, P., Swaminathan, M.	Natural clay loaded Sm <sub>2</sub> MoO <sub>6</sub> nanocomposite, a green catalyst, for multiple applications	2021	Nano-Structures and Nano-Objects	26		1007 44		
69.	Baby Shalini, V.	Smart Health Care Monitoring System based on Internet of Things (IOT)	2021	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021			9396 019	1449	1453
70.	Selva Birunda, S., Kanniga Devi, R.	A Novel Score-Based Multi-Source Fake News Detection using Gradient Boosting Algorithm	2021	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021			9395 896	406	414

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72.	Prasath, T.A., Deebaa, D., Vigneshgandhi, R., Raj, R.S.S., Vishnuvarthana n, G., Vigneshwari, N.	Smart Ambu Bag Using Electronic Devices	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 600	623	625
73.	Paramathma, M.K., Agnes Idhaya Selvi, V., Karuppasamp ndian, M.	Development of Web Server Based Battery Management System for UPS	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 560	195	199



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75.	Paramathma, M.K., Devaraj, D., Selvi, V.A.I., Karuppasampya ndian, M.	Development of Fuzzy Logic Based Approach for Consumer Side Management in Smart Home	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 550	1056	1061
76.	Gowtham, M., Akshykarthick, B., Francischezhiya n, J., Bhagath Mohamed, A., Karthi, G.	Wearable Electronics for Home Automation	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 673	1027	1029

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78.	Rajesh, K., Sivapragasam, C., Rajendran, S.	Teaching Solar and Wind Energy Conversion Course for Engineering Students: A Novel Approach	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 589	826	831
79.	Manikandan, P., Muneeswaran, V., Ramesh, G., Rakesh, R.S., Chakraesh, P., Reddy, N.S., Sahul, N.	Drunk and Drive Controller for Vehicles	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 713	190	194

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81.	Ramesh, G., Muneeswaran, V., Manikandan, P., Arun Prasath, T.	Detached range based Ambulance Alerting System	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 744	530	532
82.	Rani, G.E., Reddy, G.S., Obulareddy, P., Harshith, S.S.R., Sakthimohan, M.	Web Application for Community Question Answering	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 605	670	673

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84.	Eswari, M.S., Balamurali, S.	An Intelligent Machine Learning Support System for Glaucoma Prediction among Diabetic Patients	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 635	447	449
85.	Balasubramaniu m, S., Sivasankar, K., Rajasekaran, M.P.	A Survey on Data privacy and preservation using Blockchain in Healthcare organization	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 650	956	962

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87.	Vijayakumar, K.	Solar Charging Infrastructure for E-vehicles-A Review	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 557	586	588
88.	Vigneshwari, N., Sivasubramanian, C., Velmurugan, N., Vasagaraj, U., Mohammed Jahith Kani, N., Mohammed Hussain Shariff, S., Arun Prasath, T., Anisha, M.	Prevailing techniques for the treatment of Soft tissue injuries - A Review	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 764	843	849

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90.	Rajendran, S., Prasath, T.H., Revathi, S., Rajesh, K.	Basic Food Safety Monitoring and Enhancement in Coffee Industry Using IOT	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 609	145	148
91.	Rajendran, S., Prasath, T.H., Revathi, S., Rajesh, K.	Insulators compounded with Nano Particles	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404 675	632	635



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93.	Anisha, M., Francis Felix Sindhuja, J., Abdul Majeeth, A., Surekha, S., Vigneshwari, N., Arun Prasath, T., Jim Elliot, C., Chezhiyan, P., Beeta Thiyam, D., Sengol Jeyaseelan, A.	Health Care System for Disabled Patients- A Review	2021	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021			9404722	1012	1018
94.	Thavabalan, P., Mohan, S., Hariharasudan, A., Nawaz, N.	English for business communication: An interventional study with employees of indian printing industry at Sivakasi	2021	Asian ESP Journal	17			90	107
95.	Ramesh, G., Prasath, T.A.	An Aphoristic Study on Different Interpolation Techniques for Medical Image Scaling and its Comparative Analysis	2021	2021 International Conference on Computer Communication and Informatics, ICCCI 2021			9402675		

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99.	Bharath, G., Manikanta, K.J., Prakash, G.B., Sumathi, R., Chinnasamy, P.	Detecting Fake News Using Machine Learning Algorithms	2021	2021 International Conference on Computer Communication and Informatics, ICCCI 2021			9402470		

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101.	Sudar, K.M., Beulah, M., Deepalakshmi, P., Nagaraj, P., Chinnasamy, P.	Detection of Distributed Denial of Service Attacks in SDN using Machine learning techniques	2021	2021 International Conference on Computer Communication and Informatics, ICCCI 2021			9402 517		
102.	Sudar, K.M., Lokesh, D.L., Sihmareddy, V.S., Chowdary, Y.C., Kumar, C.H.H., Nagaraj, P., Chinnasamy, P.	Gas Level Detection and Automatic Booking Notification Using IOT	2021	2021 International Conference on Computer Communication and Informatics, ICCCI 2021			9402 380		
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104.	Sarathkumar Sebastin, J., Jeyakumar, S., Karthik, K.	The non-reacting flow characteristics of pylon and wall injections in a dual combustion ramjet engine	2021	International Journal of Engine Research	-	-	-	-	-

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106.	Shyاملal, C., Rajesh, S., Suresh Kumar, S.	A comprehensive review on the effect of precipitation on mechanical properties of friction stir welded aluminium alloys	2021	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	-	-	-	-	-
107.	Gnanaraj, S.C., Chokkalingam, R.B., Thankam, G.L., Pothinathan, S.K.M.	Influence of Steatite and Fly Ash on the Fresh-Hardened Properties and Micromorphology of Self-Compacting Concrete	2021	Advances in Materials Science and Engineering	2021		6627 450		
108.	Karuppasamy, M., Jansi Rani, M.	Energy aware on demand vm allocation for a green cloud environment	2021	Annals of the Romanian Society for Cell Biology	25	4		9705	9709
109.	Balakrishnan, D., Rajkumar, T.D., Dhanasekaran, S., Murugan, B.S.	Duplication avoided data fusion technique for internet of things	2021	Annals of the Romanian Society for Cell Biology	25	4		4276	4283

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111.	Balakiruthiga, B., Deepalakshmi, P.	A Distributed Energy aware Controller Placement Model for Software-Defined Data Centre Network	2021	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	-	-	-	-	-
112.	Krishna Paramathma, M., Devaraj, D., Agnes Idhaya Selvi, V., Karuppasampandiyan, M.	Development of online demand response framework for smart grid infrastructure toward social welfare	2021	International Transactions on Electrical Energy Systems	-	-	-	-	-
113.	Karpagavel, K., Sundaramahalingam, K., Manikandan, A., Vanitha, D., Manohar, A., Nagarajan, E.R., Nallamuthu, N.	Electrical Properties of Lithium-Ion Conducting Poly (Vinylidene Fluoride-Co-Hexafluoropropylene) (PVDF-HFP)/Polyvinylpyrrolidone (PVP) Solid Polymer Electrolyte	2021	Journal of Electronic Materials	-	-	-	-	-

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115.	Sreeraj, P., Thirumalai Kumaran, S., Uthayakumar, M., Suresh Kumar, S., Pethuraj, M.	Surface roughness analysis of micro channels produced by wire-electrical discharge machining	2021	Materials Today: Proceedings	44			391	400
116.	Swaminathan, V., Sundareswaran, R., Lalkshmanaraj, D., Muthusubramanian, L.	Outer complete fair domination in graphs	2021	Discrete Mathematics, Algorithms and Applications	-	-	-	-	-
117.	Antony Muthu, P., Murugan, K., Meenakshisundaram, S., Ponnusamy, S.	Keggin-type heteropoly-11-molybdo-1-vanadophosphoric acid supported montmorillonite K-10 clay-catalysed one-pot multi-component synthesis of chromeno[2,3-b]indoles	2021	Research on Chemical Intermediates	-	-	-	-	-
118.	Faheem, Karan Kumar, B., Venkata Gowri Chandra Sekhar, K., Chander, S., Kunjiappan, S., Murugesan, S.	1,2,3,4-Tetrahydroisoquinoline (THIQ) as privileged scaffold for anticancer de novo drug design	2021	Expert Opinion on Drug Discovery	-	-	-	-	-



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120.	Vinoth Babu, N., Venkateshwaran, N., Rajini, N., Ismail, S.O., Mohammad, F., Al-Lohedan, H.A., Siengchin, S.	Influence of slicing parameters on surface quality and mechanical properties of 3D-printed CF/PLA composites fabricated by FDM technique	2021	Materials Technology	-	-	-	-	-
121.	Pingulkar, H., Mache, A., Munde, Y., Siva, I.	A comprehensive review on drop weight impact characteristics of bast natural fiber reinforced polymer composites	2020	Materials Today: Proceedings	44			3872	3880
122.	Jayakumar, P., Padmanabhan, S., Suthendran, K., Rajveer, G.V.	Development of safe semi-automatic and economic blood cross matching using image processing	2020	Materials Today: Proceedings	44			3536	3539
123.	Chinnaiah, K., Gurushankar, K., Kannan, K., Asadi, A., Dinesh, S., Thangamani, C.	Magnetic nanoparticles for immobilization of enzyme and their applications - A review	2020	International Journal of Pharmaceutical Research	12			2689	2699

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126.	Santhoshkumar, P., Subburaj, T., Kathalingam, A., Karuppasamy, K., Vikraman, D., Yim, C.-J., Park, H.-C., Kim, H.-S.	Potential core-shell anode material for rechargeable lithium-ion batteries: Encapsulation of titanium oxide nanostructure in conductive polymer	2021	Journal of Alloys and Compounds	882		1607 15		

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128.	Angajala, G., Aruna, V., Pavan, P., Reddy, P.G.	Ultrasound promoted montmorillonite K-10 catalyzed synthesis, characterization, molecular modelling, SAR and hypoglycemic studies of new rhodanine bejeweled acridine analogues	2021	Journal of Molecular Structure	1242		1308 28		
129.	Sivaraj, G., Jayamani, N., Siva, V.	Synthesis, structural, spectroscopic, mechanical, linear and nonlinear optical studies on 4-dimethylaminopyridinium p-toluenesulfonate: A comparative theoretical and experimental investigation	2021	Journal of Molecular Structure	1240		1305 30		

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131.	Raj, I.L.P., Chidhambaram, N., Saravanakumar, S., Sasikumar, S., Varadharajaperumal, S., Alagarasan, D., Alshahrani, T., Shkir, M., AlFaify, S.	A comprehensive study on effect of annealing on structural, morphological and optical properties of CdO and photodetection of heterojunction n-CdO/p-Si diode	2021	Optik	241		166406		
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135.	Lizia Thankam, G., Neelakantan, T.R., Christopher Gnanaraj, S.	Effect on the properties of fresh and hardened concrete made using fly ash geopolymer sand	2021	International Review of Applied Sciences and Engineering	12	2		176	182
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140.	Jeyakumar, S., Kandasamy, J., Karaca, M., Karthik, K., Sivakumar, R.	Effect of hydrogen jets in supersonic mixing using strut injection schemes	2021	International Journal of Hydrogen Energy	46	44		23013	23025
141.	Karuppiah, K., Sankaranarayanan, B., Ali, S.M., Paul, S.K.	Key challenges to sustainable humanitarian supply chains: Lessons from the covid-19 pandemic	2021	Sustainability (Switzerland)	13	11	5850		
142.	Khan, M.A., Soni, H., Mashinini, P.M., Uthayakumar, M.	Abrasive water jet cutting process form machining metals and composites for engineering applications: A review	2021	Engineering Research Express	3	2	22004		
143.	Varma, C.G., Nagaraj, P., Muneeswaran, V., Muthamil Sudar, K., Mokshagni, M., Jaswanth, M.	Astute Segmentation and Classification of leucocytes in blood microscopic smear images using titivated K-means clustering and robust SVM techniques	2021	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			9432309	818	824



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145.	Subramanian, R.R., Niharika, C.S., Rani, D.U., Pavani, P., Syamala, K.P.L.	Design and evaluation of a deep learning algorithm for emotion recognition	2021	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			9432 336	984	988
146.	Tanouz, D., Subramanian, R.R., Eswar, D., Reddy, G.V.P., Kumar, A.R., Praneeth, C.H.V.N.M.	Credit card fraud detection using machine learning	2021	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			9432 308	967	972
147.	Muneeswaran, V., Nagaraj, P., Godwin, S., Vasundhara, M., Kalyan, G.	Codification of dental codes for the cogent recognition of an individual	2021	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			9432 141	1387	1390

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149.	Naveen, P., Babu, P.S., Chaitanya, K., Basha, S.A.S.	Image enhancement in low-light conditions using volume-based subspace interpretation	2021	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			9432 161	766	771
150.	Subramanian, R.R., Varma, K.Y., Balaji, K., Reddy, M.D., Akash, A., Reddy, K.N.	Multiplayer online car racing with BCI in VR	2021	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			9432 154	1835	1839
151.	Pitchaimanickam, B.	Dragonfly algorithm for hierarchical clustering in wireless sensor networks	2021	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			9432 337	192	197

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155.	Vishalatchi, S., Nagaraj, R.	Sensitivity analysis of 2D photonic crystal based hexagonal ring resonator for cervical cancer detection	2021	Proceedings of the 2021 8th International Conference on Computing for Sustainable Global Development, INDIACom 2021			9441 144	720	724
156.	Varghese, S., Lakshmanan, A., Arumugam, S.	Leech index of a tree	2021	Journal of Discrete Mathematical Sciences and Cryptography	-	-	-	-	-

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158.	Pandian, S., Mahendran, M., Rajesh, S., Chokkalingam, R.	Effect of magnetic field on the viscous behaviour of iron particles suspended silicone additive based magnetorheological fluids	2021	Indian Journal of Physics	-	-	-	-	-
159.	Hemalatha, J., Geetha, S., Geetha, R., Balasubramania n, C., Popescu, D.E., Hemanth, J.	Reversible data hiding based on varying radix numeral system	2021	Computers, Materials and Continua	69	1		283	300
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189.	Angajala, G., Aruna, V., Subashini, R.	Visible light induced nano copper catalyzed one pot synthesis of novel quinoline bejeweled thiobarbiturates as potential hypoglycemic agents	2021	Journal of Heterocyclic Chemistry	-	-	-	-	-
190.	Perumal, A., Azhagurajan, A., Kumar, S.S., Prithivirajan, R., Baskaran, S., Rajkumar, P.R., Kailasanathan, C., Venkatesan, G.	Influence of Optimization Techniques on Wire Electrical Discharge Machining of Ti-6Al-2Sn-4Zr-2Mo Alloy using Modeling Approach	2021	Journal of Inorganic and Organometallic Polymers and Materials	-	-	-	-	-
191.	Azhagapillai, P., Sundaravel, B., Pachamuthu, M.P.	Acylation of isobutylbenzene with acetic anhydride on AlKIT-6 mesoporous acid catalyst	2021	Materials Science for Energy Technologies	4			128	135
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197.	Raj, A.G.K., Murugan, C., Rameshkumar, P., Pandikumar, A.	Growth of silver nanodendrites on titania nanotubes array for photoanode driven photoelectrocatalytic reduction of carbon dioxide	2020	Applied Surface Science Advances	2		1000 35		
198.	Meher, J., Meher, R.	Investigation of chemical, rheological and sensory properties of curry-spices blend	2020	Journal of Agriculture and Food Research	2		1000 93		
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203.	Purusothaman, M., Rajesh, S., Chokkalingam, R.	TOPSIS multiobjective optimization of powder metallurgy process parameters: Al-NiTi-SiC smart composites	2020	Materials Today: Proceedings	45			6907	6910
204.	Assis, S.M., Suppandipillai, J., Kandasamy, J.	Transverse Injection Experiments within an Axisymmetric Scramjet Combustor	2019	International Journal of Turbo and Jet Engines	-	-	-	-	-

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