

# Quarterly Newsletter I (Jan 2021 – Mar 2021)



## KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION

(Deemed to be University)  
Krishnankoil-626126

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# 1. GENERAL

## PARTICIPATION IN RANKING AND ACCREDITATIONS

- AICTE Clean and Smart campus Award 2020 Data submitted on 28.01.2021.
- NIRF 2021 - Engineering Portal has been submitted on 18.02.2021.
- NIRF 2021 - Overall Portal Submitted Successfully on 19.02.2021.
- Careers 360 Ranking 2021 has been submitted on 06.03.2021.
- Times Higher Education (THE) World University Ranking 2021 has been submitted successfully on 30.03.2021 for the following categories
  - Overall
  - Engineering
  - Arts & Humanities
  - Computer Science
  - Life Sciences
  - Social Science
  - Physical Sciences
  - Business & Economics
  - Education

## AWARDS AND RECOGNITIONS

- Dr. Shasi Anand Sridharan, Vice President has been awarded certificate of award for **“Excellence in Institutional Achievements”** by IUCEE on 10.01.2021.



- Dr. R. Nagaraj, Vice Chancellor received the certificate of award for “**Excellence in Academic Leadership**” by IUCEE on 10.01.2021.



- Dr. C. Sivapragasam, Professor of Civil Engineering received the certificate of award for “**Excellence in Performance of Teaching and Learning Centers**” by IUCEE on 10.01.2021.



### PROGRAMME BY EDUCATION PROMOTION SOCIETY FOR INDIA

Dr. Shasi Anand Sridharan, Vice President addressed the session on **“Role of Private Institutions in Making National Education Policy 2020 successfully”** organized by Education Promotion Society for India on 18.03.2021.



### COLLEGEDUNIA CONNECT

Prof. Nagaraj Ramrao, Vice Chancellor was the chief guest in the panel discussion on **“Building Digital Infrastructure of Higher Education Institutes”** held at ITC Grand Chola, Chennai on 19.03.2021.



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India's largest Student Review Platform



# Collegedunia Connect

## Chennai Chapter



Esteemed Guest

Prof. Nagaraj Ramrao

Vice Chancellor,  
Kalasalingam University



19th

MARCH

ITC Grand Chola, Chennai



Dr. Srinivasan, Member Secretary, TNSCST visited our Alagapuri farm and reviewed the poly house project on 23.01.2021.

## 2. ACADEMICS

### FACULTY DEVELOPMENT PROGRAMS ORGANIZED

No	Title	Department	Date(s)	No. of Participants
1	Industrial Approaches on Digital System Design, Network Security and Data Structure with Scripting Languages	Electronics and Communication Engineering	08.01.2021 to 13.01.2021	15

### PARTICIPATIONS OF FACULTY MEMBERS IN CONFERENCES, SEMINARS, WORKSHOPS, FDP, GUEST LECTURE

Department	Participants
Agriculture	2
Computer Science and Engineering	15
Electrical and Electronics Engineering	1
Electronics and Communication Engineering	12
Social Work	1
Automobile Engineering	3
Library	1
Biotechnology	3
Food Technology	1
Information Technology	4
Catering Science and Hotel Management	2
Chemistry	4
Visual Communication	8

### 3. STUDENT SUPPORT AND PROGRESSION

#### ONE CREDIT/ONLINE COURSES/IPT COMPLETED BY STUDENTS

Department	Industrial Training	One Credit Courses	Online Courses
Automobile Engineering	-	13	-
Biomedical Engineering	60	31	-
Biotechnology	44	30	-
Chemical Engineering	11	-	3
SHIP	2	-	-
Computer Science Engineering	183	429	70
Electronics and Communication Engineering	101	257	8
Electrical and Electronics Engineering	23	38	1
Food Technology	53	-	-
Information Technology	-	28	3
Mechanical Engineering	78	-	-

No. of Students Completed One Credit Courses: 826 Nos.

No. of Students Completed Online Courses: 85 Nos.

No. of Students Completed Industrial Training: 555 Nos.

#### ALUMNI ENGAGEMENT

No	Department	Event Title	Date of the event	Details of alumni resource person
1	Architecture	Insights of earthquake resistant design	20.02.2021	Ar. Aakash. S, Managing Partner - ASAP Design Studio, Tirunelveli.
2	Catering Science & Hotel Management	Workshop on Commercial Bakery products	05.03.2021	Mr. L. Parameswaran, Attral Bakery, Chennai.
3	Computer Applications	Hands on workshop in Maya 2018	06.03.2021 & 07.03.2021	Mr. R. Matahan, Asst. Prof, Dept. of Visual Communication, Hindustan College of Arts and Science, Coimbatore.
4	Civil Engineering	Career options for Civil Engineers in Government Sector	12.03.2021	Mr. P. Mathivanan, Assistant Engineer, Highways Department, Virudhunagar
5	Visual Communication	Trends & Technologies in Photography	12.03.2021	Mr. P. Kirupakaran, Freelance Professional photographer, Chennai
6	Chemical Engineering	Computational Fluid Dynamics	14.03.2021	Mr. G. R. Varatharajan, Asst. Manager, Southern Petrochemical Industries Corporation Ltd, Tuticorin
7	Food Technology	Mango processing and its quality analysis	14.03.2021	Mr. Akash, Deputy Manager, Aavin, Srivilliputtur.



No	Department	Event Title	Date of the event	Details of alumni resource person
8	Chemical Engineering	Chemical engineers at industry	18.03.2021	Mr. Ramji, NATCO Pharma Limited, Junior Officer, Manali, Chennai.
9	Biotechnology	Ointment preparation	18.03.2021	Mr. Guhan Kandasamy, Thiruvanmiyur.
10	Automobile Engineering	Higher Studies Opportunities in Automotive Engineering German Universities	18.03.2021	Mr. Penumadi Sravan, Higher Studies Aspirant in Germany
11	Automobile Engineering	Impact of 3D Printing Technologies in Automotive Engineering	20.03.2021	Dr. R. Karthikeyan, M.E., Ph.D, Head of the Department, Dept. of Mechanical Engineering, PACR Polytechnic College, Rajapalayam.
12	Commerce	Awareness of Data Entry Operations	20.03.2021	Mr. C. Jeyakumar, Assistant cum Data Entry Operator, District Collectorate Office, Tuticorin
13	Electronics and Communication Engineering	Webinar on Inverters in Electronic Cars and Bootloader in Automotive Industry	20.03.2021	Feature Group Lead, Bootloader, Valeo Siemens Automotive GmbH, Germany
14	Food Technology	Opportunities and Challenges in Meat Processing	20.03.2021	Mr. Audinarayana, Junior Quality Executive, Licious Bangalore.
15	Business Administration	Investment options for students	24.03.2021	Ms. V. N. Visali, Asst. Prof, Dept. of Business Administration, S. Ramasamy Naidu Memorial College, Sattur.
16	Biotechnology	Waste is best	25.03.2021	Mr. Rajaseetharama, 3/798, Ponni street, Agathiyar patti, Ambasamuthiram.
17	Catering Science & Hotel Management	Workshop on Basic juggling steps and Mixology	26.03.2021	Mr. S. Dhinesh Kumar, Barman, Toxic bar, Pondicherry.
18	Computer Applications	Softnival'21	26.03.2021	Mr. K. Ramanathan, Senior Test Analyst, CTS, Chennai.
19	Social Work	Application of methods of Social work in Social Work Settings	26.03.2021	D. Renganathan, Hope of Hopeless, 4/315, Ambedkar Nagar, Manikandam post, Trichy.
20	Biomedical Engineering	Stress management skills needed for Engineering students	27.03.2021	Ms. J. Jennifer Christy, Engineer, Medical Electronics BU Team, Tata Elxsi, Pune

No	Department	Event Title	Date of the event	Details of alumni resource person
21	Mathematics	Applications of Mathematics in Real Life	27.03.2021	Dr. N. Kamatchi, Asso. Prof, Dept. of Maths, Kamaraj College of Engineering and Technology, Virudhunagar.
22	Electronics and Communication Engineering	Workshop on Applications of Industry info in Automotive Electronics based on MCU8051 IDE- An Open-Source Tool	03.04.2021	Mr. Mutharasu Beemarajan, Senior Project Manager, ROBERT BOSCH Engineering and Business Solutions PVT Ltd, Coimbatore. Mr. C. Mukuntharaj Asst. Prof, Technical Academy of Electrical Sciences, Karpagam College of Engineering (Autonomous), Coimbatore.
23	Food Technology	Challenges faced by Dairy Industry	03.04.2021	Ms. Nivetha, Technical Officer, Hatsun Dairy, Mayiladuthurai.
24	Social Work	Essential Skills and Traits for Social Workers	05.04.2021	Subha GSVK, Counsellor, Tamilnadu State AIDS Control Society (TANSACS), NGO: Virutcham Magalir Munnera Kalzangiam (VMMK), 7/13, Shunmugam Pillai Street, Near Lysander hospital, virudhungar.
25	Mathematics	Emerging Trends in Mathematics	10.04.2021	Dr. L. Sathikala, Asso. Prof, Dept of Maths, RAMCO Institute of Technology, Rajapalayam.
26	Mechanical Engineering	Industrial Product Quality	10.04.2021	Mr. M. Karthik, Manager QAD, AMR Automotive Systems, Kancheepuram
		Role of Mechanical Engineers in Core Industries	10.04.2021	Mr. D. Arunkumar, Deputy Manager, Renault Nissan Business Centre, Chennai

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

S. NO	Name of the Activity	Date(s)
1	National Youth Day	12.01.2021
2	Army Day Programme	15.01.2021
3	One Student One Tuber Crop Plantation Programme	18.01.2021
4	One Student One Forage Crop Plantation Programme	20.01.2021
5	One Student One Fruit Crop Plantation Programme	21.01.2021
6	Polio Awareness Program	17.01.2021
7	National Unity Day - Pledge	18.01.2021
8	Environmental Issues (Slogan Creation).	19.01.2021
9	Issues in the Society (Using Multimedia Presentation)	20.01.2021

S. NO	Name of the Activity	Date(s)
10	World Cancer Day	04.02.2021
11	Seed Collection - KARE Campus	06.02.2021
12	Blood Donation	07.02.2021
13	Election Meeting	16.02.2021
14	Water Management program	18.02.2021
15	COVID 19 Awareness Camp	20.02.2021
16	Swachh Bharat (Clean India)	20.02.2021
17	NSS Meeting	03.03.2021
18	PMG Disha- Entrepreneurship Training	05.03.2021
19	Swachh Bharat (Clean India)	06.03.2021
20	Plantation	08.03.2021
21	Voter Awareness Program	08.03.2021
22	Entrepreneurship Training	09.03.2021
23	Plantation	12.03.2021
24	Celebrating the 75 Years of Independence (Azadi Ka Amrut Mahotav)	12.03.2021
25	Voter Awareness Program	15.03.2021

<p style="text-align: center;"><b>KALASALINGAM</b> ACADEMY OF RESEARCH &amp; EDUCATION (DEEMED TO BE UNIVERSITY)</p> <p style="text-align: center;"><b>Kalasalingam School of Agriculture and Horticulture (KSAH) &amp; National Service Scheme (NSS)</b></p> <p style="text-align: center;"><i>Jointly Organizes</i> Programme on</p> <p style="text-align: center;"><b>“Awareness of National Youth Day - 2021”</b></p> <p><b>Chief Patron</b> 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</p> <p><b>Patron</b> Dr. R. NAGARAJ Vice Chancellor – KARE Dr. V. VASUDEVAN Registrar – KARE Dr. P. SIVAKUMAR Director – Student Affairs, KARE Dr. D. DEVERAJ Dean – SEET, KARE</p> <p><b>Convener</b> Dr. B. PERUMAL NSS Coordinator, KARE Dr. D. SIVAKUMAR HoD – KSAH, KARE</p> <p><b>Coordinator</b> Dr. R. KANNAN NSS Program Officer, KARE</p> <p><b>Volunteer</b> Mr. J. SIVANANTHA B.Sc., (Hons.) Agriculture, KARE</p>	<p style="text-align: center;"><b>KALASALINGAM</b> ACADEMY OF RESEARCH &amp; EDUCATION (DEEMED TO BE UNIVERSITY)</p> <p style="text-align: center;"><b>Kalasalingam School of Agriculture and Horticulture (KSAH) &amp; National Service Scheme (NSS)</b></p> <p style="text-align: center;"><i>Jointly Organizes</i> Programme on</p> <p style="text-align: center;"><b>“Awareness of Indian Army Day - 2021”</b></p> <p><b>Chief Patron</b> 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</p> <p><b>Patron</b> Dr. R. NAGARAJ Vice Chancellor – KARE Dr. V. VASUDEVAN Registrar – KARE Dr. P. SIVAKUMAR Director – Student Affairs, KARE Dr. D. DEVERAJ Dean – SEET, KARE</p> <p><b>Convener</b> Dr. B. PERUMAL NSS Coordinator, KARE Dr. D. SIVAKUMAR HoD – KSAH, KARE</p> <p><b>Coordinator</b> Dr. R. KANNAN NSS Program Officer, KARE</p> <p><b>Volunteer</b> Mr. J. SIVANANTHA B.Sc., (Hons.) Agriculture, KARE</p>
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ACADEMY OF RESEARCH & EDUCATION  
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**Kalasalingam School of Agriculture and Horticulture (KSAH)  
& National Service Scheme (NSS)**

*Jointly Organizes*  
Programme on

**“One Student one Tuber Crop Plantation”**

**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

**Patrons**  
Dr. R. NAGARAJ  
Vice Chancellor – KARE  
Dr. V. VASUDEVAN  
Registrar – KARE  
Dr. P. SIVAKUMAR  
Director – Student Affairs, KARE  
Dr. D. DEVERAJ  
Dean – SEET, KARE

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

**Coordinator**  
Dr. R. KANNAN  
NSS Program Officer, KARE

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



**Date:**  
**18 January**  
**2021**  
**Time: 5.00 P.M**

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**Place:**  
**Crop Cafeteria, KSAH, KARE.**

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**Participants Eligibility:**  
**2018 Batch Agriculture & Horticulture Students**

---

Participants will get E-Certificate

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

**Kalasalingam School of Agriculture and Horticulture (KSAH)  
& National Service Scheme (NSS)**

*Jointly Organizes*  
Programme on

**“One Student one Forage Crop Plantation”**


**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

**Patrons**  
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Vice Chancellor – KARE  
Dr. V. VASUDEVAN  
Registrar – KARE  
Dr. P. SIVAKUMAR  
Director – Student Affairs, KARE  
Dr. D. DEVERAJ  
Dean – SEET, KARE

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

**Coordinator**  
Dr. R. KANNAN  
NSS Program Officer, KARE

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



**Date:**  
**20 January**  
**2021**  
**Time: 5.00 P.M**

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**Place:**  
**Crop Cafeteria, KSAH, KARE.**

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**Participants Eligibility:**  
**2017 Batch Agriculture & Horticulture Students**

---

Participants will get E-Certificate

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

**Kalasalingam School of Agriculture and Horticulture (KSAH)  
& National Service Scheme (NSS)**

*Jointly Organizes*  
Programme on

**“One Student one Fruit Crop Plantation”**

**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

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HoD – KSAH, KARE

**Coordinator**  
Dr. R. KANNAN  
NSS Program Officer, KARE

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



**Date:**  
**21 January**  
**2021**  
**Time: 5.00 P.M**

---

**Place:**  
**Crop Cafeteria, KSAH, KARE.**

---

**Participants Eligibility:**  
**2018 Batch Agriculture & Horticulture Students**

---

Participants will get E-Certificate

**KALASALINGAM**  
ACADEMY OF RESEARCH & EDUCATION  
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**Kalasalingam School of Agriculture and Horticulture (KSAH)  
& National Service Scheme (NSS)**

*Jointly Organizes*  
Programme on

**“Seed Collection – KARE Camp”**

**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

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Dr. P. SIVAKUMAR  
Director – Student Affairs, KARE  
Dr. D. DEVERAJ  
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HoD – KSAH, KARE

**Coordinator**  
Dr. R. KANNAN  
NSS Program Officer, KARE

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



**Date:**  
**06 February**  
**2021**  
**Time: 10.30 am. to 12.30 am.**

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**Place:**  
**KARE Camp**

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**Participants Eligibility:**  
**2018 Batch Horticulture Students**

---


Participants will get E-Certificate



# KALASALINGAM

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



Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade



**SCHOOL OF ELECTRICAL AND ELECTRONICS TECHNOLOGY**

ELECTRICAL AND ELECTRONICS ENGINEERING  
AND  
ELECTRONICS AND COMMUNICATION ENGINEERING.

Jointly Organises  
by  
NSS KARE


## POLIO AWARENESS PROGRAM

Held on  
17/01/2021  
5pm to 6pm

**SPEAKER OF THE DAY:**

**V.RADHAKRISHNAN**  
GENERAL MANAGER


**SAIBABA SCIENTIFIC GLASSES -HOSUR**



Google Meet Link: dx-e-renk-jnr

**STUDENT COORDINATOR**  
M.DEVA DHARSHINI  
3rd YEAR, EEE,  
Contact:8668082517


**HOD**  
DR.A.RAMKUMAR  
**NSS-DEPARTMENT-COORDINATOR**  
P.PRIYA  
**NSS COORDINATOR**  
DR.B.PERUMAL



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**SCHOOL OF ELECTRONICS AND ELECTRICAL TECHNOLOGY**  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

&


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOINTLY ORGANISES  
by  
NSS KARE

## PLEDGE

*GOD DOES NOT GIVE US OVERCOMING LIFE;*



*HE GIVES US LIFE AS WE OVERCOME*


**Contact No:**  
6305569191

**Date:**  
18/1/2021

**STUDENT COORDINATOR**

Y.SAI NATH  
B. SUDEER NAIK  
M.DEVA DARSHINI  
R.BHUVHANESAN


**HOD EEE**  
DR. A. RAMKUMAR  
**NSS DEPT COORDINATOR**  
P. PRIYA  
**NSS COORDINATOR**  
DR. B. PERUMAL



# KALASALINGAM

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

&


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOINTLY ORGANISES  
by  
NSS KARE

## ENVIRONMENTAL ISSUES

(SLOGAN CREATION)



### SAVE THE EARTH


**Contact No:**  
6305569191

**Date:**  
19/1/2021

**STUDENT COORDINATOR**

Y. SAINATH  
B. SUDEER NAIK  
M.DEVA DARSHINI  
R.BHUVHANESAN


**HOD EEE**  
DR. A. RAMKUMAR  
**NSS DEPT COORDINATOR**  
P. PRIYA  
**NSS COORDINATOR**  
DR. B. PERUMAL



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**SCHOOL OF ELECTRONICS AND ELECTRICAL TECHNOLOGY**  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

&


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOINTLY ORGANISES  
by  
NSS KARE

## ISSUES IN THE SOCIETY

(USING MULTIMEDIA PRESENTATION)



**Contact No:**  
6305569191

**Date:**  
20/1/2021

**STUDENT COORDINATOR**

Y. SAINATH  
B. SUDEER NAIK  
M.DEVA DARSHINI  
R.BHUVHANESAN

**HOD EEE**  
DR. A. RAMKUMAR  
**NSS DEPT COORDINATOR**  
P. PRIYA  
**NSS COORDINATOR**  
DR. B. PERUMAL



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**How to Treat Cancer?**  
**Resource Person**  
**S. John M. S. W.**

Centre head, Sevalaya Mahakavi  
Bharathiyar Community College,  
Thirubuvani, Pondicherry.

Feb 4<sup>th</sup> 2021 4pm to 5pm

Meeting Code: unri-tkqw-wtq

All participants will get E-Certificate

**NATIONAL SERVICE SCHEME**

School of Automotive and Mechanical Engineering  
DEPARTMENT OF AERONAUTICAL ENGINEERING  
Proudly Organizes

**World Cancer Day**  
**2021**



**Chief Patrons**

Dr. K. Sridharan  
Chancellor, KARE

Dr. S. Anandaji  
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. Shankar  
Director of Student Affairs, KARE

Dr. J. T. Winowlin jayappes  
DEAN-SAMR-KARE

**Convenors**

Dr. R. Perumal  
NSS Coordinator, KARE

Dr. S. Jayakumar  
HOD-Aeronautical, KARE

**Coordinator**

Mr. J. Rameshkumar Subashini  
Asst. Prof-Aeronautical, KARE



KARE National Service Scheme and Tamil Mandram jointly conducted a seminar on **Celebrating the 75 years of Independence** on 12.03.2021 at Dr. V. Vasudevan Seminar Hall. Honourable Vice Chancellor Dr. R. Nagaraj delivered presidential address and Honourable Registrar Dr. V. Vasudevan delivered felicitation address. Freedom fighter V.O. Chidambaram Pillai's granddaughter Mrs. C. Maragathavalli Pazhaniyappan.,M.A,B,Ed., Head Master, Panjayat Union Primary School, P.S.K Malayapuram, Rajapalayam delivered a special address and distributed the prizes to the students. Around 400 students participated in this event.



#### ACTIVITIES OF NCC

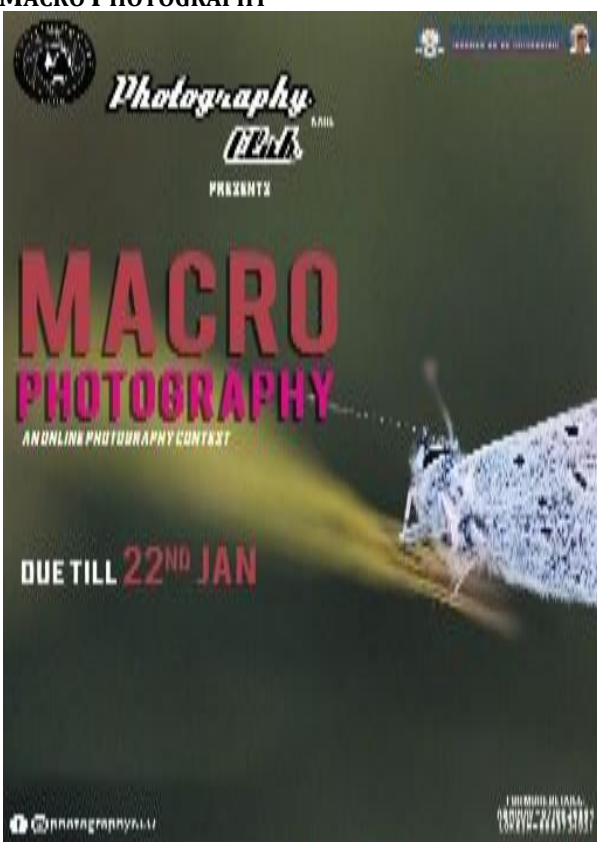
NO	Name of the Activity	Date
1.	Netaji Subhash Chandra Bose Jayanti	23.01.2021
2.	Republic Day Celebration	26.01.2021
3.	Cadre Camp	25.01.2021 - 29.01.2021
4.	B Certificate Exam	06.03.2021 - 07.03.2021
5.	C Certificate Exam	27.03.2021 - 28.03.2021



72<sup>th</sup> Republic Day was celebrated with pride and patriotism at the playground of Kalasalingam Academy of Research and Education on 26th January 2021 from 8.30 onwards. Dr. V. Vasudevan, Registrar, of Kalasalingam Academy of Research and Education was the chief guest.

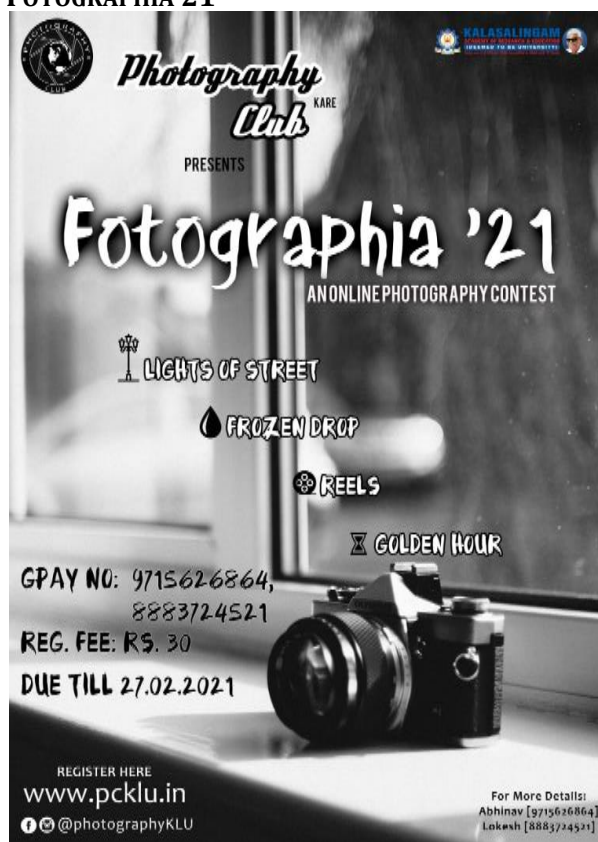
## ACTIVITIES OF PHOTOGRAPHY

### MACRO PHOTOGRAPHY



An online photography contest was organized on the topic **MACRO** on 22.01.2021. 90 students from various departments participated in the event. The best photograph was selected based on clarity, uniqueness, framing and other aspects of photography and award was given.

### FOTOGRAFIA'21



An online photography contest was organized on four themes such as Lights of street, Frozen drop, Reels and Golden Hour 27.02.2021. 48 students from various departments participated in the event. The best photograph was selected based on clarity, uniqueness, framing and other aspects of photography and award was given.



## ACTIVITIES OF CREEN ARMY

### CARBON FOOTPRINT ESTIMATION THRO ENERGY CONSERVATION

A Webinar was conducted on the topic “Carbon Footprint Estimation through Energy Conservation” by Google-meet on 23rd of January 2021. Dr. M. Thirugnanasambandam, BEE certified Energy Auditor was the resource person.

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

Guest lecture on  
**Carbon Footprint Estimation  
Thro' Energy Conservation**

Organized by  
**Green army**

Guest:  
**Dr. M. Thirugnanasambandam**  
BEE Certified Energy Auditor

Program officer  
**Dr. P. Sivakumar**  
Professor/ Director  
Student Affairs

Coordinator  
**Dr. M. Muthu Kannan**  
Professor

Staff incharge  
**Dr. S. Muthuvel**  
Associate Professor

Ms. N. Vigneshwari  
Assistant Professor

For Registration..  
[QR Code] (or) [Link]

To join in lecture..  
[Link]

Hosted On:  
23.01.2021 (Saturday)  
Time 4.00 - 4.30 pm

"Climatism is the exploitation of the fear of nature to gain power, wealth, and social esteem."

## ENERGY SOURCES AND CONSERVATION

A Guest Lecture was conducted on the topic “Energy Sources and Conservation” by Google-meet on 01.02.2021. Dr.P.Ganesun, Associate Professor Amal Jothi College of Engineering was the resource person.

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

Guest lecture on  
**Energy Sources and  
Conservation**

Organized by  
**GREEN ARMY**

Guest:  
**Dr.P.Ganesan**  
Associate Professor  
Amal Jyothi College of Engineering, Kerala

Program officer  
**Dr. P. Sivakumar**  
Professor/ Director  
Student Affairs

Coordinator  
**Dr. M. Muthu Kannan**  
Professor

Staff incharge  
**Dr. S. Muthuvel**  
Associate Professor

**Ms. N. Vigneshwari**  
Assistant Professor

**Ms.P.Priya**  
Assistant Professor

Date: 01.02.2021 (Monday)  
Time: 4.00 - 4.50 pm

Organized in Google meet  
<https://meet.google.com/ths-krj-xam>

Every act of energy conservation... is more than just common sense: It is an act of patriotism.

### GREEN BUILDING & CAMPUS FOR SUSTAINABLE FUTURE

A Guest Lecture was conducted on the topic “Green Building and Green Campus for Sustainable Future” by Google-meet on 20.02.2021. Syed Shuibul Qarnain, Building Service Engineer was the resource person.

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

Guest Lecture on  
**GREEN BUILDING AND GREEN CAMPUS  
FOR SUSTAINABLE FUTURE**  
Organized By  
**GREEN ARMY**

**Guest :**  
**Syed Shuibul Qarnain**  
Building Services Engineer  
Doha, Qatar

Date: 20/02/2021  
Time: 4 p.m - 5 p.m

**Coordinators:**  
**Dr. M. Muthu Kannan**  
Professor

**Registration Link**  
<https://forms.gle/AtFswAxIj7xshTwh9>

**Staff Incharge:**  
**Dr. S. Priya Durga**  
Assistant Professor

**Dr. S. Muthuvel**  
Associate Professor

**Join Via Google Meet**  
<https://meet.google.com/tri-qkap-vwu>

**Mr. M. Sathish Kumar**  
Assistant Professor

### Not Zero-Net Zero

“Not Zero-Net Zero” - A Pledge for Carbon-Neutral Campus initiated by TERRE Policy Centre in collaboration with AICTE and UNESCO was initiated by Google-meet on 20.02.2021. Dr. P. Sivakumar, Professor Kalasalingam Academy of Research and Education was the resource person.

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"NOT ZERO - NET ZERO"  
A PLEDGE FOR CARBON NEUTRAL CAMPUS  
( INITIATED BY TERRE POLICY CENTRE IN COLLABORATION  
WITH AICTE AND UNESCO )  
Organized By  
**GREEN ARMY**  
DATE : 25.03.2021

**PROGRAM OFFICER:**  
**Dr. P. Sivakumar**  
Professor/ Director Student Affairs

**COORDINATORS:**  
**Dr. M. Muthu Kannan**  
Professor

**Dr. S. Muthuvel**  
Associate Professor

**EVENT COORDINATORS:**  
**Mr. S. Christopher Gnanaraj**  
Assistant Professor

**Ms. N. Vigneshwari**  
Assistant Professor

## ACTIVITY OF YOUTH RED CROSS

### RALLY 2K21

Youth Red Cross of Kalasalingam Academy of Research and Education organized an event titled “Rally 2k21” on 07.03.2021 at Watrap. Mr. P. Velumani Coordinator of the club welcomed the gathering. The rally was organized to create awareness among public related to “IMPORTANCE OF VOTING”. Motivational events and games were conducted for the students.

156 participants attended the program.



## ACTIVITY OF TAMIL MANDRAM

### TAMIZHI

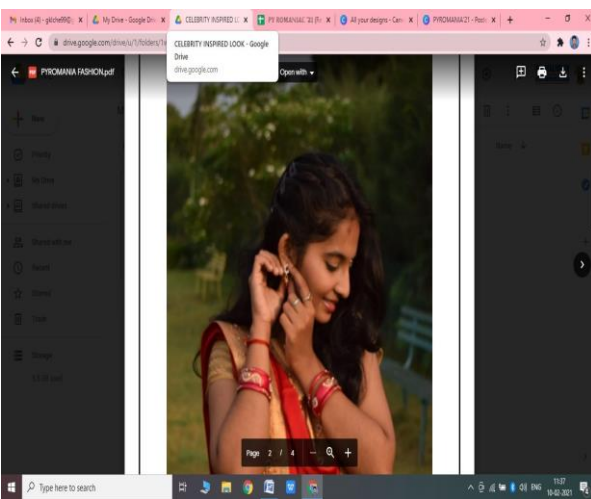
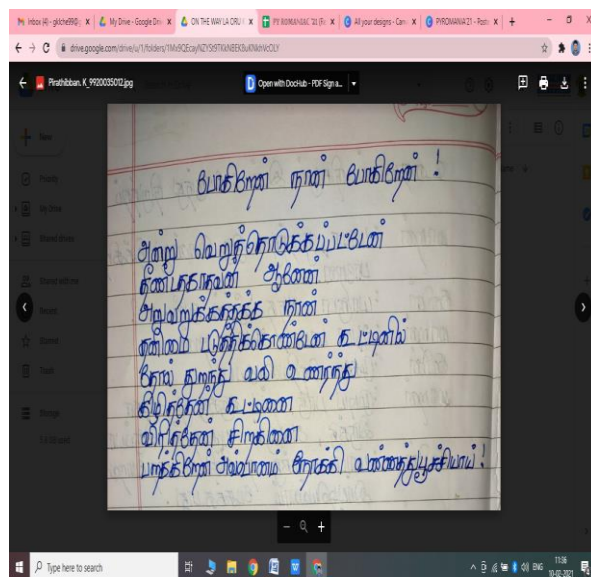
Tamil Mandram conducted **TAMIZHI** Event on 20.02.2021 at Dr. K.S. Krishnan Auditorium. Honourable Vice Chancellor Dr. R. Nagaraj delivered a special address and Honourable Registrar Dr. V. Vasudevan delivered felicitation address. Naam Padaipaligal troop performed folk dance and traditional Dance. Around 208 students participated in this event.



**VALARI HERITAGE CLUB IS WORKING UNDER THE AICTE'S SPIC MACAY CLUB.** The club was inaugurated by Honourable Vice Chancellor Dr. R. Nagaraj delivered a special address and Honourable Registrar Dr. V. Vasudevan, Vasudevan delivered felicitation address. Valari Heritage Club coordinator Dr. C. Sangeetha delivered a keynote address about the Club.

The club was started to spread various aspects of Indian heritage through seminar, presentation and also to conduct events on the areas of Indian classical music, dance, craft, yoga, meditation, holistic food and heritage walks. It helps government school students and rural students for understanding the rich and composite heritage of cultural harmony and make them to participate in Zonal/State/National events of SPIC MACAY. The students of various departments participated in the events and got prizes. Dr. P. Sivakumar Dean Student Affairs distributed the prizes for the winners.

### ACTIVITIES OF FINE ARTS CLUB PYROMANIA 2K21



The Fine Arts Club was organized a programme on the topic “PYROMANIA’21” on 06.02.2021. Totally 35 students participated and exhibited their talents.

### TALENT QUEST-2K21 REPORT

Talent Quest'2021 was organized on 14.02.2021. 800 students participated and 57 students exhibited their talents in various programs.



### MAHOSTAV-2K21

Mahostav -2K21 was conducted on 13.02.2021 by Fine Arts Club. Around 600 students participated in the events and exhibited their talents in various cultural programs. Prizes were distributed for the best performance program.



## WOMEN EMPOWERMENT CELL

### INTERNATIONAL WOMEN'S DAY

Women Empowerment Cell Celebrated International Women's Day on 06.03.2021 Dr. P. Deepalakshmi, President WEC gave the inaugural address. Our Vice Chancellor Dr. R. Nagaraj rendered the presidential address. Dr. V. Vasudevan, Registrar and Dr. S. Chandra Principal of AKCAS felicitated the function. The Chief Guest Dr. M. Ezhilarasi offered her special address in the topic of "Vaiyath Thalamai Kol" and she delivered the boon of being a woman and boosted the students to excel in all fields. No of events were conducted for women faculty and students. Chief guest honored the winners with medals and certificates on the day of the celebration.




## 4. RESEARCH

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

S. No	Title	Department	Date	No. of Attendees
1	National Level Workshop on Android Mobile Application Development	Electronics Communication Engineering	10.01.2021	280
2	How the latest technology impact our current industry?	Electronics Communication Engineering	13.01.2021	166
3	One Day National Level Workshop on Data Engineering and Big Data Analytics with Backend Serverless System	Electronics Communication Engineering	11.01.2021	174
4	Introduction to RTL Design for Combinational and Sequential Circuits and Opportunities in Semiconductor	Electronics Communication Engineering	11.01.2021	146
5	IPR Know About Patent Filing	Electronics Communication Engineering	13.01.2021	184
6	A Grand Food Festival on Aduppankarai	Catering Science & Hotel Management	07.01.2021	250
7	National Level Webinar On Inverters in Electronic Cars and Bootloader in Automotive Industry	Electronics Communication Engineering	20.03.2021	303
8	Hands on Training on Chemcollective Vlabs	Chemistry	15.03.2021	47
9	Alumini Talk series	Visual Communication	20.03.2021	44
10	Tech talk Programme on Micro Services and Architecture	Computer Science and Engineering	27.03.2021	65
11	Evolution of Software Industry – Rise of SaaS	Computer Science and Engineering	13.03.2021	95

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

Name of the faculty member and department	Supervisor	Thesis title	Data of viva-voce examination
 Ms. G. Nadana Raja Vadivu, Department of Biotechnology	Dr. K. Palanichelvam	Analysis of coelomic fluid from earthworm and assessment of its potential in plant growth of Vigna radiata (L.) R. Wilczek and Oryza sativa L.	06.01.2021

**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	Coloring Distance Graphs and Its Applications	National Board of Higher Mathematics, Department of Atomic Energy, Mumbai, India	1608300	18.01.2021
2.	Dr. N. Selvapalam	Evaluation of methods for reducing the Total Acid Number (TAN) of Lubricant Oil	DRDO	920000	GTRE/MMG/BMR1 /1257/CARS/A/20
3.	Dr. A. Muthukumar	Evaluation of biocompatible collagen-chitosanselenium nanoparticles (SeNPS) scaffold for cardiac tissue engineering applications in wistar rat	ICMR	1800000	35/12/2020-Nano/BMS 19.03.2021
4.	Dr. M. Pallikonda Rajasekaran, Dr. G. Vishnuvarthanan, Dr. V. Muneeswaran, Dr. M. Thirumurugan	Non-Invasive Sonometer along with clinically practiced DEXA images for estimating bone mineral density for osteoporosis detection in elderly women	DST-BDTD	2840200	TDP/BDTD/28/2021(G) 24.03.2021
5.	Dr. Seshadhri Srinivasan, Dr. V. Vasudevan, Dr. B. Subathra	ATAL Community Innovation Center	ATAL	18000000	30.03.2021
6.	B. Subathra, V. Vasudevan	ATAL Community Innovation Center	NITI- AGYOG	25000000	30.03.2021

**FACULTY AWARDS**

No	Faculty Name	Awarding Agency	Agency name	Award name	Date
1	Dr. M. Uthayakumar	International	Journal of KSMPE	Journal Editor	01.01.2021
	Dr. S. Shantkriti	International Body	PLOS ONE	Journal Reviewer	04.01.2021



No	Faculty Name	Awarding Agency	Agency name	Award name	Date
2	Dr. A. Hariharasudan	International Body	Institute of Advanced Engineering and Science	Reviewer	17.02.2021
3	Dr. S. Shantkriti	International Body	ACS	Journal Reviewer	23.02.2021
4	Dr. M. Maria Antony Raj	Private Organization	ROTARY CLUB OF VIRUDHUNAGAR	KAMARAJAR AWARD	28.02.2021
5	Mr. G. Ramesh	Central Government	MOE Innovation Cell AICTE New Delhi	Innovation Ambassador	16.02.2021
6	Mr. G. Ramesh	Private Organization	Kalasalingam Academy of Research and Education	Board of studies Member	01.03.2021
7	Dr. S. Shantkriti	International Body	PLOS ONE	JOURNAL REVIEWER	22.03.2021
8	Dr. S. Shantkriti	Private Organization	Women Empowerment Cell, KARE	First prize in event: Poetry (English)	06.03.2021
9	Dr. S. Shantkriti	Private Organization	Women Empowerment Cell, KARE	First prize in event: Singing (Hindi/English)	06.03.2021
10	Dr. S. Shantkriti	Private Organization	Women Empowerment Cell, KARE	Second prize in event: Art From Waste	06.03.2021
11	Dr. M.Krishna Kumar	Central Government	Indian National Science Academy INSA, New Delhi	Visiting Scientist	02.03.2021
12	Dr. A. Hariharasudan	International Body	IMMS	Conference Scientific Committee Member	04.03.2021
13	Mrs. A. Ahila	Central Government	AICTE NPTEL SWAYAM MHRD	NPTEL Translator	01.03.2021

**PATENT**

No	Department	Patent Title	Patent Members Name	Application Number	Filing Date
1.	Mechanical Engineering	Automatic Auditorium Light Intensity Control System	P. Jayakumar	337094-001	01.01.2021
2.	Mechanical Engineering	Automatic Motorcycle Water Wash Booth	P. Jayakumar	337095-001	01.01.2021

No	Department	Patent Title	Patent Members Name	Application Number	Filing Date
3.	Mechanical Engineering	Solar Powered Human Detection System for Emergency Exit	P. Jayakumar	337205-001	05.01.2021
4.	Mechanical Engineering	Human Detection System for Emergency Exit	P. Jayakumar	337205-002	05.01.2021
5.	Mechanical Engineering	Digital urine Weight Measuring Device with Hi-Tech Hospital Bed	P. Jayakumar	337206-001	05.01.2021
6.	Mechanical Engineering	Portable Urine Weight Analyzer for Hospitals	P. Jayakumar	337206-002	05.01.2021
7.	Electronics Communication Engineering	Biometric based security with real time locking and tracking of vehicle using GSM and GPS technology	S.Yuvaraj G.Eswaran S.R.Sri rangarajan	857/CHE/2014	14.02.2021
8.	Electronics Communication Engineering	KGB Intelligent Nebulizer	Dr. B. Perumal, Dr. J. Deny, Mr. R. Krishna Kumar, Mr. T. Gokul, Mr. A. Bhagath Mohamed	202141007258	26.02.2021
9.	Electronics Communication Engineering	Anger prediction and control using machine learning	Dr. J. Charles Pravin	202141007582	26.02.2021
10.	Computer Science and Engineering	Object Identification System for Blind People	Dr. Sreelatha P, Dr. K. Hussain, Dr. Josephine Selvi, Dr. P. Iyappan, Dr. Tasneem Bano Rehman, Dr. Ravichandran Krishamoorthy, Dr. S. Chandra Sekaran, Mr. Vishal Ravichandran, Dr. T. Subramani and Dr. C. Bala Subramanian	202111012748	24.03.2021

## 5. MISCELLANEOUS

### **IQAC MEETING**

The IQAC second quarter meeting was held on 22.02.2021 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 applauded all the activities that happened in a phased manner during this quarter and also mentioned that appropriate action has been taken for the key points discussed in first quarter meeting.
- Members advised to explore offer of innovative courses under minor/honors category.

**SCOPUS LISTED PUBLICATIONS DURING JANUARY - MARCH 2021**

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O. I	Page start	Page end
1	Khan N., Aslam M., Jeyadurga P., Balamurali S.	Monitoring of production of blood components by attribute control chart under indeterminacy	2021	Scientific Reports	11	1	922		
2	Pandiaraj K., Sivakumar P., Prakash K.J.	Machine learning based effective linear regression model for TSV layer assignment in 3DIC	2021	Microprocessors and Microsystems	83		103953		
3	Sreedivya K.M., Aruna Jeyanthi P., Devaraj D.	Improved Design of Interval Type-2 Fuzzy based Wide Area Power System Stabilizer for Inter-area Oscillation Damping	2021	Microprocessors and Microsystems	83		103957		
4	Khan M.A., Jani S.P., Kumar A.S., Rajesh S.	Machining parameter optimization using Adam - Gene Algorithm while turning lightweight composite using ceramic cutting tools	2021	International Journal of Lightweight Materials and Manufacture	4	2		262	267
5	Arunpandiyani S., Vinoth S., Pandikumar A., Raja A., Arivarasan A.	Decorated CeO <sub>2</sub> nanoparticles on hierarchically porous MnO <sub>2</sub> nanorods and enhancement of supercapacitor performance by redox additive electrolyte	2021	Journal of Alloys and Compounds	861		158456		

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O. I	Page start	Page end
6	Thilagaraj M., Arunkumar N., Ramkumar S., Hariharasitaraman S.	Electrooculogram signal identification for elderly disabled using Elman network	2021	Microprocessors and Microsystems	82		103811		
7	Karthy G., Sivakumar P.	Optimized counting threshold Built-in redundancy analysis for memories	2021	Microprocessors and Microsystems	81		103682		
8	Neelakantan T.R., Rohini K.	Simplified Pressure-Driven Analysis of Water Distribution Network and Resilience Estimation	2021	Journal of Water Resources Planning and Management	147	3	6021002		
9	Raj B.A., Jappes J.T.W., Khan M.A., Dillibabu V., Brintha N.C.	Studies on SU718 alloy developed using laser sintering on the additive manufacturing process	2021	Optik	229		166252		
10	Jappes J.T.W., Brintha N.C., Khan M.A.	Effect of Magnetic Field, Heat Treatment and Dry Wear Analysis on Electroless Nickel Deposits	2021	Journal of Bio- and Tribo-Corrosion	7	1	20		
11	Srinivasan S., Sadasivam S.K.	Biodegradation of textile azo dyes by textile effluent non-adapted and adapted Aeromonas hydrophila	2021	Environmental Research	194		110643		

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O. I	Page start	Page end
12	Krishnakumar B., Alsalmeh A., Alharthi F.A., Mani D., Anandan K., Amutha P., Sobral A.J.F.N.	Synthesis, characterization of gelatin assisted ZnO and its effective utilization of toxic azo dye degradation under direct sunlight	2021	Optical Materials	113		110854		
13	Kannan K., Radhika D., Gnanasangeetha D., Lakkaboyana S.K., Sadasivuni K.K., Gurushankar K., Hanafiah M.M.	Photocatalytic and antimicrobial properties of microwave synthesized mixed metal oxide nanocomposite	2021	Inorganic Chemistry Communications	125		108429		
14	Arunajanani V., Naresh Kumar Sharma N.K., Hariram N., Vishnuvarthanan G., Reginold Jebitta S., Arunprasath T., Chitradevi K., Sheik Asraf S.	Outcome based project for betterment of rural community	2021	Journal of Engineering Education Transformations	34	Special Issue		263	270
15	Karthigadevil K., Thangarasu S.	Projecting the learning attainment of speech and hearing impairment students from domestic, discrete, communication and educational aspects	2021	Journal of Engineering Education Transformations	34	Special Issue		337	343

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O. I	Page start	Page end
16	Vanitha D., Rajan D.M.	Improving the educational practice and placement opportunities for hearing impaired students in computer science engineering	2021	Journal of Engineering Education Transformations	34	Special Issue		175	179
17	Nair R.K.R., Ramrao N., Chandrasekaran S., Nair A., Pothiraj S.	Digital pedagogy implementation in engineering using SMART mobiles	2021	Journal of Engineering Education Transformations	34	Special Issue		326	331
18	Brintha N.C., Ebenezer G., Francis Saviour Devaraj A., Sivapragasam C., Winowlin Jappes J.T.	Improving student outcome through flexibility in teaching and evaluation methods	2021	Journal of Engineering Education Transformations	34	Special Issue		380	383
19	Shashi Anand S., Francis Saviour Devaraj A., Kanniga Devi R., Bala Subramanian C., Raja Subramanian R., Nagaraj P.	Effective design and implementation of B.Tech (CSE) curriculum with industry tie-ups	2021	Journal of Engineering Education Transformations	34	Special Issue		191	200
20	Nair A., Nair R.K.R.	Analysis of student satisfaction in the current online teaching scenario	2021	Journal of Engineering Education Transformations	34	Special Issue		566	573

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O.I	Page start	Page end
21	Sridharan S.A., Ramrao N., Murugan K., Prasad V., Nair R.K.R.	The significant contextual predictors of industrial academic collaboration in engineering	2021	Journal of Engineering Education Transformations	34	Special Issue		154	161
22	Jothi M.A., Vanitha D., Bahadur S.A., Nallamuthu N.	Investigations of biodegradable polymer blend electrolytes based on Cornstarch: PVP: NH <sub>4</sub> Cl and its potential application in solid-state batteries	2021	Journal of Materials Science: Materials in Electronics	-	-	-	-	-
23	Kabilan S.J.	Effect of autonomous assessment method in effective teaching of 'clinical trials and management' course	2021	Journal of Engineering Education Transformations	34	Special Issue		298	303
24	Naveen P., Sivakumar P.	Adaptive morphological and bilateral filtering with ensemble convolutional neural network for pose-invariant face recognition	2021	Journal of Ambient Intelligence and Humanized Computing	-	-	-	-	-
25	Senthilkumar P., Rajesh K.	Design of a model based engineering deep learning scheduler in cloud computing environment using Industrial Internet of Things (IIOT)	2021	Journal of Ambient Intelligence and Humanized Computing	-	-	-	-	-



No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O. I	Page start	Page end
26	Sangeethavani B., Muthukannan M.	Informative statistics from a river basin kodavanar river, tamil nadu to identify artificial recharge using rs and gis for aquifer ground water modeling	2021	Journal of Green Engineering	11	1		1021	1031
27	Chithiraikannu R., Dhivya N.	Impact of mandating the research article based evaluation as an assessment for the pre-final year students for effective execution of final year project	2021	Journal of Engineering Education Transformations	34	Special Issue		531	534
28	Pandiaraj K., Sivakumar P., Jeyaprakash K., Diwakaran S.	Thermal analysis for power efficient 3d IC routing using memetic algorithm based on hill climbing algorithm	2021	Journal of Green Engineering	11	1		998	1010
29	Deny J.	Creating entrepreneurial ecosystem in higher education institutes: A case study	2021	Journal of Engineering Education Transformations	34	Special Issue		494	498
30	Varma K.V.K., Ramkumar A.	Implementation of SPV-powered water pumping system using non-isolated SC converter topology	2021	Electrical Engineering	-	-	-	-	-

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O. I	Page start	Page end
31	Thangarasu S., Siva V., Asath Bahadur S., Athimoolam S.	Structural, vibrational, quantum chemical calculations, thermal and antimicrobial studies on sulphate salt of 3-nitroaniline	2021	Asian Journal of Chemistry	33	1		231	2239
32	Veerasimman A., Shanmugam V., Rajendran S., Johnson D.J., Subbiah A., Koilpichai J., Marimuthu U.	Thermal Properties of Natural Fiber Sisal Based Hybrid Composites–A Brief Review	2021	Journal of Natural Fibers	-	-	-	-	-
33	Mohan U.P., Kunjiappan S., Tirupathi Pichiah P.B., Arunachalam S.	Adriamycin inhibits glycolysis through downregulation of key enzymes in <i>Saccharomyces cerevisiae</i>	2021	3 Biotech	11	1	15		
34	Jeyavijayan S., Murugan P.	Spectroscopic, electronic and optical properties of 4-nitroimidazole using DFT calculations	2021	Asian Journal of Chemistry	33	1		83	88
35	Koppiahraj K., Bathrinath S., Venkatesh V.G., Mani V., Shi Y.	Optimal sustainability assessment method selection: a practitioner perspective	2021	Annals of Operations Research	-	-	-	-	-

No	Authors	Title	Year	Source title	Volume	Issue	Art. No./D.O. I	Page start	Page end
36	Palanisamy P., Pavadai P., Arunachalam S., Pandian S.R.K., Ravishankar V., Govindaraj S., Somasundaram B., Panneerselvam T., Kunjiappan S.	Removal of water and their soluble materials from fuels using Moringa oleifera loaded keratin-co-sodium acrylate hydrogel	2021	Journal of Porous Materials	-	-	-	-	-
37	Sivaganesh D., Saravanakumar S., Sivakumar V., Sangeetha R., Berchmans L.J., Ali K.S.S., Alshehri A.M.	Effect of preparation techniques on BaWO <sub>4</sub> : structural, morphological, optical and electron density distribution analysis	2021	Journal of Materials Science: Materials in Electronics	-	-	-	-	-
38	Kerche E.F., da Silva V.D., da Silveira Jankee G., Schrekker H.S., de Avila Delucis R., Irulappasamy S., Amico S.C.	Aramid pulp treated with imidazolium ionic liquids as a filler in rigid polyurethane bio-foams	2021	Journal of Applied Polymer Science	-	-	-	-	-
39	Senthil Kumar S., Sudhakara Pandian R., Pitchipoo P., Rajakarunakaran S., Rajesh S.	Investigation of Al-Mg based composite incorporated with MoS <sub>2</sub> through powder metallurgy	2021	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	-	-	-	-	-

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40	Le D.-N., Parvathy V.S., Gupta D., Khanna A., Rodrigues J.J.P.C., Shankar K.	IoT enabled depthwise separable convolution neural network with deep support vector machine for COVID-19 diagnosis and classification	2021	International Journal of Machine Learning and Cybernetics	-	-	-	-	-
41	ThayalaSanker R., Arunpandian M., VelayuthamPillai M., Arunachalam S., Muneeswaran G., Babu B., Ho M.-S., Sivakumar R.	Spectroscopic and density functional theory (DFT) approach of zwitterionic 4-aminobenzenesulfonic acid for optoelectronic applications	2021	Journal of Materials Science: Materials in Electronics	-	-	-	-	-
42	Vaiyapuri T., Parvathy V.S., Manikandan V., Krishnaraj N., Gupta D., Shankar K.	A Novel Hybrid Optimization for Cluster-Based Routing Protocol in Information-Centric Wireless Sensor Networks for IoT Based Mobile Edge Computing	2021	Wireless Personal Communications	-	-	-	-	-
43	Kumar R.S., Saviour Devaraj A.F., Rajeswari M., Julie E.G., Robinson Y.H., Shanmuganathan V.	Exploration of sentiment analysis and legitimate artistry for opinion mining	2021	Multimedia Tools and Applications	-	-	-	-	-

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44	Ayirmis N., Yurttaş E., Durmus A., Özdemir F., Nagarajan R., Kalimuthu M., Kuzman M.K.	Properties of Biocomposite Films From PLA and Thermally Treated Wood Modified with Silver Nanoparticles Using Leaf Extracts of Oriental Sweetgum	2021	Journal of Polymers and the Environment	-	-	-	-	-
45	Ramakrishnan J., Sivasakthivel R., Akila T., Retnadhas M., Uthup T.T., Mythily R.	Electrooculogram-aided intelligent sensing and high-performance communication control system for massive ALS individuals	2021	Journal of Supercomputing	-	-	-	-	-
46	Alagarsamy S., Abitha T., Ajitha S., Sangeetha S., Govindaraj V.	Identification of high grade and low grade tumors in MR brain image using modified monkey search algorithm	2020	IOP Conference Series: Materials Science and Engineering	993	1	12052		
47	Mohd Zin F.A., Noor A.M., Mohd Nasri W.N.W., Roslan N.N., Buniamin N.A., Abdul Razab M.K.A., Mat Rasa M.S., Abdullah N.H., Mohd Amin M.F., Wei L.S., Rameshkumar P.	Synthesis of Sodium Alginate Graphene Oxide-Silver Film for Antibacterial Activity	2020	IOP Conference Series: Earth and Environmental Science	596	1	12041		

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48	Lizia Thankam G., Neelakantan T.R., Christopher Gnanaraj S.	Potential of Fly Ash Polymerized Sand as an Alternative for River Sand in Concrete- A State of the Art Report	2020	IOP Conference Series: Materials Science and Engineering	1006	1	12039		
49	Velumani P., Mukilan K., Varun G., Divakar S., Muhil Doss R., Ganeshkumar P.	Analysis of cracks in structures and buildings	2020	Journal of Physics: Conference Series	1706	1	12116		
50	Jagan S., Neelakantan T.R., Reddy L., Kannan R.G.	Characterization study on recycled coarse aggregate for its utilization in concrete - A review	2020	Journal of Physics: Conference Series	1706	1	12120		
51	Sneha P., Balamurugan K., Kalusuraman G.	Effects of Fused Deposition Model parameters on PLA-Bz composite filament	2020	IOP Conference Series: Materials Science and Engineering	988	1	12028		
52	Deepthi T., Balamurugan K., Balamurugan P.	Parametric Studies of Abrasive Waterjet Machining parameters on Al/LaPO4 using Response Surface Method	2020	IOP Conference Series: Materials Science and Engineering	988	1	12018		

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53	Pavan M.V., Balamurugan K., Balamurugan P.	Compressive test Fractured Surface analysis on PLA-Cu composite filament printed at different FDM conditions	2020	IOP Conference Series: Materials Science and Engineering	988	1	12019		
54	Ozyetkin M.M., Bekiroglu K., Srinivasan S.	A Parameter Tuning Method for Fractional Order PD Controllers	2020	16th IEEE International Conference on Control, Automation, Robotics and Vision, ICARCV 2020			9305416	631	635
55	Chithambar Ganesh A., Rajesh Kumar K., Vinod Kumar M., Vyshnavi, Vandhiyan R., Gurumoorthy N., Sivakumar S.	Durability Studies on the Hybrid Fiber reinforced Geopolymer concrete made of M- sand under ambient curing	2020	IOP Conference Series: Materials Science and Engineering	981	3	32074		
56	Pothinathan S.K.M., Muthukannan M., Selvapalam N.	Comparison of bond strength analysis on the interfacial layer of old and new concrete using latex, epoxy and glycoluril	2020	IOP Conference Series: Materials Science and Engineering	983	1	12006		

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57	Sangeethavani B., Muthukannan M., Deepak R., Arun Pradeep A.	A performance assessment on Compressed Stabilized Earth Block (CSEB) using geo - Polymeric binders	2020	IOP Conference Series: Materials Science and Engineering	983	1	12001		
58	Govindaraj V., Thiyagarajan A., Rajasekaran P., Zhang Y., Krishnasamy R.	Automated unsupervised learning-based clustering approach for effective anomaly detection in brain magnetic resonance imaging (MRI)	2020	IET Image Processing	14	14		3516	3526
59	Danalakshmi D., Gopi R., Hariharasudan A., Otolu I., Bilan Y.	Reactive power optimization and price management in microgrid enabled with blockchain	2020	Energies	13	23	6179		
60	Sudar K.M., Deepalakshmi P., Nagaraj P., Muneeswaran V.	Analysis of Cyberattacks and its Detection Mechanisms	2020	Proceedings - 2020 5th International Conference on Research in Computational Intelligence and Communication Networks, ICRCICN 2020			9296178	12	16



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61	Sandeep V., Pravin J.C., Babu A.R., Prajoon P.	CSI based Analytical Model for evaluation of DC Characteristics in AlGa <sub>N</sub> /Ga <sub>N</sub> /AlIn <sub>N</sub> MOS-HEMT using high-k dielectrics	2020	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020			9297448	471	478
62	Vaissnave V., Deepalakshmi P.	Data transcription for India's supreme court documents using deep learning algorithms	2020	International Journal of Electronic Government Research	16	4		21	41
63	Alex S., Rajkumar T.D.	Adaptive spider bird swarm algorithm-based deep recurrent neural network for malicious JavaScript detection using box-cox transformation	2020	International Journal of Open Source Software and Processes	11	4		46	59
64	Nirmala K., Chitra Devi M., Rajendran L.	Analysis of steady-state behavior of ec' catalytic mechanism at rotating disk electrode: Taylor series approach	2020	European Journal of Molecular and Clinical Medicine	7	11		440	447

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65	Vijayaraj J., Reddy V.M.A., Kalusuraman G., Chithambarathanu M., Parthiban K., Parthiban L.	Systemic method for abrasive water jet machining process parameters evaluation using error pruning tree classification technique	2020	European Journal of Molecular and Clinical Medicine	7	8		2577	2588
66	Sankaran S., Rajasekaran M.P., Sivapragasam C.	Project-based learning- a novel approach to teach biosensors and transducers course for engineering students	2020	Journal of Engineering Education Transformations	34	1		61	69
67	Rajkumar M.	Fluorescence, filter, theoretical confinement studies of 2-[4-(Trifluoromethyl) Phenyl]-1H-Benzimidazole crystals - (TFMPHB) macro and nano crystals	2020	Materials Today: Proceedings	33			4289	4292
68	Thavabalan P., Mohan S., Hariharasudan A., Krzywda J.	English as business lingua franca (Belf) to the managers of Indian printing industries [Angielski jako biznes lingua franca (Belf) dla kierowników indyjskich przemysłów drukarskich]	2020	Polish Journal of Management Studies	22	2		549	560
69	Chandrasekar K.R., Saravanakumar S.	Open packing number for some classes of perfect graphs	2020	Ural Mathematical Journal	6	2		38	43

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70	Rahiman U.R., Kodikal R., Biswas S., Hariharasudan A.	A meta-analysis of emotional intelligence and organizational commitment [Meta-analiza inteligencji emocjonalnej i zaangażowania organizacyjnego]	2020	Polish Journal of Management Studies	22	1		418	433
71	Karupppiah K., Sankaranarayanan B., Ali S.M.	A fuzzy ANP-DEMATEL model on faulty behavior risks: implications for improving safety in the workplace	2020	International Journal of Occupational Safety and Ergonomics	-	-	-	-	-
72	Pingulkar H., Mache A., Munde Y., Siva I.	Synergy of Interlaminar Glass Fiber Hybridization on Mechanical and Dynamic Characteristics of Jute and Flax Fabric Reinforced Epoxy Composites	2020	Journal of Natural Fibers	-	-	-	-	-
73	Nawaz N., Durst S., Hariharasudan A., Shamugia Z.	Knowledge management practices in higher education institutions - A comparative study [Praktyki zarządzania wiedzą w szkolnictwach wyższych-badanie porównawcze]	2020	Polish Journal of Management Studies	22	2		291	308

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74	Rajendran S., Veerasingman A., Vairavan M., Shanmugam V., Rajendran D.J.J.	Mechanical Performance Studies on Composites Using Polyethylene Terephthalate Char Derived from Polyethylene Terephthalate Waste Bottle-Reinforced Polyester Composites	2020	Materials Performance and Characterization	9	1		726	738
75	Rahim R., Murugan S., Mostafa R.R., Dubey A.K., Regin R., Kulkarni V., Dhanalakshmi K.S.	Detecting the Phishing Attack Using Collaborative Approach and Secure Login through Dynamic Virtual Passwords	2020	Webology	17	2		524	535
76	Rajeswari S., Suthendran K.	Chi-Square MapReduce Model for Agricultural Data	2018	Journal of Cyber Security and Mobility	7	1		13	24
77	Yamini K.A.P., Kannan S., Thangadurai A.	Handling Selfishness over Collaborative Mechanism in a Mobile Ad hoc Network	2018	Journal of Cyber Security and Mobility	7	01-Feb		39	52
78	Marimuthu R., Sankaranarayanan B., Ali S.M., Jabbour A.B.L.D.S., Karuppiyah K.	Assessment of key socio-economic and environmental challenges in the mining industry: Implications for resource policies in emerging economies	2021	Sustainable Production and Consumption	27			814	830

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79	Ramkumar P., Sivasubramanian M., Raveendiran P., Kanna P.R.	An experimental inquisition of waste heat recovery in electronic component system using concentric tube heat pipe heat exchanger with different working fluids under gravity assistance	2021	Microprocessors and Microsystems	83		104033		
80	Gurushankar K., Rimac H., Potemkin V., Grishina M.	Investigation of the newly characterized baimantuoloamide a and baimantuoloamide b alkaloids as potential cyclin-dependent kinase 4 (CDK4) inhibitors using molecular docking and molecular dynamics simulations	2021	Journal of Molecular Structure	1230		129925		
81	Saravanan V., Lakshmanan P., Ramalingan C.	Alumina surface modified with graphitic carbon nitride: Synthesis, characterization and its application as photocatalyst	2021	Diamond and Related Materials	114		108291		

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82	Packiaraj R., Devendran P., Venkatesh K.S., Nallamuthu N.	Investigation on the structural, morphological and electrochemical properties of nickel tungstate for energy storage application	2021	Inorganic Chemistry Communications	126		108490		
83	Rencilin C.F., Rosy J.C., Mohan M., Coico R., Sundar K.	Identification of SARS-CoV-2 CTL epitopes for development of a multivalent subunit vaccine for COVID-19	2021	Infection, Genetics and Evolution	89		104712		
84	Kugarajah V., Ojha A.K., Ranjan S., Dasgupta N., Ganesapillai M., Dharmalingam S., Elmoll A., Hosseini S.A., Muthulakshmi L., Vijayakumar S., Mishra B.N.	Future applications of electrospun nanofibers in pressure driven water treatment: A brief review and research update	2021	Journal of Environmental Chemical Engineering	9	2	105107		
85	Senthilkumar K., Saba N., Chandrasekar M., Jawaid M., Rajini N., Siengchin S., Ayrilmis N., Mohammad F., Al-Lohedan H.A.	Compressive, dynamic and thermo-mechanical properties of cellulosic pineapple leaf fibre/polyester composites: Influence of alkali treatment on adhesion	2021	International Journal of Adhesion and Adhesives	106		102823		

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86	Krishnakumar B., Alsalmeh A., Alharthi F.A., Mani D., Anandan K., Amutha P., Sobral A.J.F.N.	Synthesis, characterization of gelatin assisted ZnO and its effective utilization of toxic azo dye degradation under direct sunlight	2021	Optical Materials	113		110854		
87	Sivaranjana P., Arumugaprabu V.	A brief review on mechanical and thermal properties of banana fiber based hybrid composites	2021	SN Applied Sciences	3	2	176		
88	Palanisamy S., Mayandi K., Palaniappan M., Alavudeen A., Rajini N., de Camargo F.V., Santulli C.	Mechanical properties of phormium tenax reinforced natural rubber composites	2021	Fibers	9	2	11	1	12
89	Selvathi D., Bama S.	Design and analysis of modified UWB mono- cone antenna for WBAN applications	2021	Journal of Physics: Conference Series	1717	1	12019		
90	Ragumadhavan R., Thenmozhi N., Lakshmi A., Britto K.R.A.	Multiple input and multiple output ofdm for visible light communication	2021	Journal of Physics: Conference Series	1717	1	12065		

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91	Divyapushpalakshmi M., Ramalakshmi R.	An efficient sentimental analysis using hybrid deep learning and optimization technique for Twitter using parts of speech (POS) tagging	2021	International Journal of Speech Technology	-	-	-	-	-
92	Arunajanani V., Naresh Kumar Sharma N.K., Hariram N., Vishnuvarthanan G., Reginold Jebitta S., Arunprasath T., Chitradevi K., Sheik Asraf S.	Outcome based project for betterment of rural community	2021	Journal of Engineering Education Transformations	34	Special Issue		263	270
93	Karthigadevil K., Thangarasu S.	Projecting the learning attainment of speech and hearing impairment students from domestic, discrete, communication and educational aspects	2021	Journal of Engineering Education Transformations	34	Special Issue		337	343
94	Vanitha D., Rajan D.M.	Improving the educational practice and placement opportunities for hearing impaired students in computer science engineering	2021	Journal of Engineering Education Transformations	34	Special Issue		175	179



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95	Nair R.K.R., Ramrao N., Chandrasekaran S., Nair A., Pothiraj S.	Digital pedagogy implementation in engineering using SMART mobiles	2021	Journal of Engineering Education Transformations	34	Special Issue		326	331
96	Brintha N.C., Ebenezer G., Francis Saviour Devaraj A., Sivapragasam C., Winowlin Jappes J.T.	Improving student outcome through flexibility in teaching and evaluation methods	2021	Journal of Engineering Education Transformations	34	Special Issue		380	383
97	Pothiraj S., Kadambarajan J.P., Kadarkarai P.	Floor Planning of 3D IC Design Using Hybrid Multi-verse Optimizer	2021	Wireless Personal Communications	-	-	-	-	-
98	Shashi Anand S., Francis Saviour Devaraj A., Kanniga Devi R., Bala Subramanian C., Raja Subramanian R., Nagaraj P.	Effective design and implementation of B.Tech (CSE) curriculum with industry tie-ups	2021	Journal of Engineering Education Transformations	34	Special Issue		191	200
99	Nair A., Nair R.K.R.	Analysis of student satisfaction in the current online teaching scenario	2021	Journal of Engineering Education Transformations	34	Special Issue		566	573

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101	Jothi M.A., Vanitha D., Bahadur S.A., Nallamuthu N.	Investigations of biodegradable polymer blend electrolytes based on Cornstarch: PVP: NH <sub>4</sub> Cl and its potential application in solid-state batteries	2021	Journal of Materials Science: Materials in Electronics	-	-	-	-	-
102	Kabilan S.J.	Effect of autonomous assessment method in effective teaching of 'clinical trials and management' course	2021	Journal of Engineering Education Transformations	34	Special Issue		298	303
103	Pandeeswari D., Hariharasudan A., Kot S.	Paradigm of postmodern paranoia in preeti shenoy's life is what you make it and wake up, life is calling	2021	Analele Universitatii din Craiova, Seria Filozofie	46	2		135	162
104	Sangeethavani B., Muthukannan M.	Informative statistics from a river basin kodavananar river, tamil nadu to identify artificial recharge using rs and gis for aquifer ground water modeling	2021	Journal of Green Engineering	11	1		1021	1031

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105	Chithiraikannu R., Dhivya N.	Impact of mandating the research article based evaluation as an assessment for the pre-final year students for effective execution of final year project	2021	Journal of Engineering Education Transformations	34	Special Issue		531	534
106	Mohammed S.S., Devaraj D., Ahamed T.P.I.	GA-Optimized Fuzzy-Based MPPT Technique for Abruptly Varying Environmental Conditions	2021	Journal of The Institution of Engineers (India): Series B	-	-	-	-	-
107	Pandiaraj K., Sivakumar P., Jeyaprakash K., Diwakaran S.	Thermal analysis for power efficient 3d IC routing using memetic algorithm based on hill climbing algorithm	2021	Journal of Green Engineering	11	1		998	1010
108	Deny J.	Creating entrepreneurial ecosystem in higher education institutes: A case study	2021	Journal of Engineering Education Transformations	34	Special Issue		494	498
109	Ganesamurthy S., Manikandan R.S., Paulraja P.	Decompositions of some classes of regular graphs and digraphs into cycles of length 4p	2021	Australasian Journal of Combinatorics	79			215	233

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111	Thiyagarajan S.K., Murugan K.	A Systematic Review on Techniques Adapted for Segmentation and Classification of Ischemic Stroke Lesions from Brain MR Images	2021	Wireless Personal Communications	-	-	-	-	-
112	Murugaboopathi G., Gowthami V.	Slicing based efficient privacy preservation technique with multiple sensitive attributes for safe data distribution	2021	Journal of Intelligent and Fuzzy Systems	40	2		2661	2668
113	Koppiahraj K., Bathrinath S., Venkatesh V.G., Mani V., Shi Y.	Optimal sustainability assessment method selection: a practitioner perspective	2021	Annals of Operations Research	-	-	-	-	-
114	Arun Prasath K., Arumugaprabu V., Amuthakkannan P., Naresh K., Muthugopal M.S., Jeganathan M., Pragadeesh R.	Quasi static and flexural mechanical property evaluation of Basalt/Flax reinforced composites	2021	Materials Physics and Mechanics	46	1		132	138

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116	Aslam M., Jeyadurga P., Balamurali S., Azam M., Al-Marshadi A.	Economic Determination of Modified Multiple Dependent State Sampling Plan under Some Lifetime Distributions	2021	Journal of Mathematics	2021		7470196		
117	Azhagesan D., Periyasamy M., Manickavasagam Parvathy S., Sridharan M., Baladhandautham C.B.	Predictive current control of FL-shunt active power filter for dynamic and heterogeneous load compensation	2021	Electrical Engineering	-	-	-	-	-
118	Diana P., Saravanakumar S., Prasad K.H., Sivaganesh D., Chidhambaram N., Isaac R.S.R., Alshahrani T., Shkir M., AlFaify S., Ali K.S.S.	Enhanced Photocatalytic Decomposition Efficacy of Novel MgO NPs: Impact of Annealing Temperatures	2021	Journal of Inorganic and Organometallic Polymers and Materials	-	-	-	-	-

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120	Vaiyapuri T., Parvathy V.S., Manikandan V., Krishnaraj N., Gupta D., Shankar K.	A Novel Hybrid Optimization for Cluster-Based Routing Protocol in Information-Centric Wireless Sensor Networks for IoT Based Mobile Edge Computing	2021	Wireless Personal Communications	-	-	-	-	-
121	Kumar R.S., Saviour Devaraj A.F., Rajeswari M., Julie E.G., Robinson Y.H., Shanmuganathan V.	Exploration of sentiment analysis and legitimate artistry for opinion mining	2021	Multimedia Tools and Applications	-	-	-	-	-
122	Manne S., Lydia E.L., Pustokhina I.V., Pustokhin D.A., Parvathy V.S., Shankar K.	An intelligent energy management and traffic predictive model for autonomous vehicle systems	2021	Soft Computing	-	-	-	-	-

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124	Ozyetkin M.M., Bekiroglu K., Srinivasan S.	A Parameter Tuning Method for Fractional Order PD Controllers	2020	16th IEEE International Conference on Control, Automation, Robotics and Vision, ICARCV 2020			9305416	631	635
125	Murugan K., Chandra Sekhar K.K., Sandeep K., Pavan K.S., Charan Teja K.	Source production for free energy generation	2020	Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020			9315868	1597	1602
126	Murugan K., Shankar B.J., Sumanth A., Sudharshan C.V., Reddy G.V.	Smart automated pesticide spraying bot	2020	Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020			9316063	864	868

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128	Danalakshmi D., Gopi R., Hariharasudan A., Otola I., Bilan Y.	Reactive power optimization and price management in microgrid enabled with blockchain	2020	Energies	13	23	6179		
129	Alex S., Rajkumar T.D.	Adaptive spider bird swarm algorithm-based deep recurrent neural network for malicious JavaScript detection using box-cox transformation	2020	International Journal of Open Source Software and Processes	11	4		46	59
130	Arumugaprabu V., Arunprasath K., Mangaleswaran S., Raja M.M., Jegan R.	Mechanical property studies on flax fiber reinforced basalt powder filled polyester composite	2020	Current Materials Science	13	2		129	134
131	Alothman O.Y., Jawaid M., Senthilkumar K., Chandrasekar M., Alshammari B.A., Fouad H., Hashem M., Siengchin S.	Thermal characterization of date palm/epoxy composites with fillers from different parts of the tree	2020	Journal of Materials Research and Technology	9	6		1553 7	1554 6



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133	Ajith S., Sivapragasam C., Arumugaprabu V.	A review on hazards and their consequences in firework industries	2019	SN Applied Sciences	1	1	120		
134	Naveenkumar S., Chandramohan S., Muthukumaran A.	A novel synthesis of zinc oxide nanoparticles using various carbohydrate sources and its antimicrobial effects	2019	Materials Today: Proceedings	36			520	525
135	Jeyabharathi S., Chandramohan S., Naveenkumar S., Sundar K., Muthukumaran A.	Synergistic effects of herbal zinc oxide nanoparticles (ZnONPs) and its anti-hyperglycemic and anti-bacterial effects	2019	Materials Today: Proceedings	36			390	396
136	Subburaj T., Suthendran K.	Digital Watering Hole Attack Detection Using Sequential Pattern	2018	Journal of Cyber Security and Mobility	7	1		1	12
137	Rajeswari S., Suthendran K.	Chi-Square MapReduce Model for Agricultural Data	2018	Journal of Cyber Security and Mobility	7	1		13	24
138	Yamini K.A.P., Kannan S., Thangadurai A.	Handling Selfishness over Collaborative Mechanism in a Mobile Ad hoc Network	2018	Journal of Cyber Security and Mobility	7	01-Feb		39	52

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139	Thilagavathi B., Suthendran K.	Boosting Based Implementation of Biometric Authentication in IoT	2018	Journal of Cyber Security and Mobility	7	1		131	144
140	Jothi M.A., Vanitha D., Bahadur S.A., Nallamuthu N.	Promising biodegradable polymer blend electrolytes based on cornstarch:PVP for electrochemical cell applications	2021	Bulletin of Materials Science	44	1	65		
141	Radha S., Maragathasundari S., Manikandan P.	Queuing strategy in Deep-ocean Assessment and Reporting of Tsunamis (DART)	2021	Journal of Testing and Evaluation	49	6			
142	Raghavendran C.R., Roselyn J.P., Sowmmiya U., Devaraj D.	Effective power transfer and reduced-order generalized integrator sequence based fault ride through strategy in grid connected DFIG based WECS	2021	International Journal of Electrical Power and Energy Systems	130		106809		
143	Muthulakshmi L., Vijayakumar T., Selvam P., Annaraj J., Ranjan S., Dasgupta N.	Strong and nonspecific synergistic antibacterial/antibiofilm impact of nano-silver biosynthesized and decorated with active ingredients of <i>Oscimum basilicum</i> L.	2021	3 Biotech	11	4	153		

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144	Saravanan V., Lakshmanan P., Ramalingan C.	Alumina surface modified with graphitic carbon nitride: Synthesis, characterization and its application as photocatalyst	2021	Diamond and Related Materials	114		108291		
145	Sayed K., Baloo L., Sharma N.K.	Bioremediation of total petroleum hydrocarbons (Tph) by bioaugmentation and biostimulation in water with floating oil spill containment booms as bioreactor basin	2021	International Journal of Environmental Research and Public Health	18	5	2226	1	27
146	Laxmi Lydia E., Arokiaraj Jovith A., Francis Saviour Devaraj A., Seo C., Joshi G.P.	Green energy efficient routing with deep learning based anomaly detection for internet of things (Iot) communications	2021	Mathematics	9	5	500	1	18
147	Shahroze R.M., Chandrasekar M., Senthilkumar K., Kumar T.S.M., Ishak M.R., Rajini N., Siengchin S., Ismail S.O.	Mechanical, interfacial and thermal properties of silica aerogel-infused flax/epoxy composites	2021	International Polymer Processing	36	1		53	59
148	Sampathkumar S., Paranthaman S.	Neutral noble-metal-free VCoO <sub>2</sub> and CrCoO <sub>2</sub> cluster catalysts for CO oxidation by O <sub>2</sub>	2021	New Journal of Chemistry	45	8		4090	4100

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149	Saranyadevi S., Murugeswari R., Bathrinath S.	A Context-free Grammar based Association Rule Mining Technique for Network Dataset	2021	Journal of Physics: Conference Series	1767	1	12007		
150	Haqqani M.H., Azizuddin M., Qarnain S.S., Bathrinath S.	Analyzing Properties of Air as a natural refrigerant using MCDM methodology	2021	IOP Conference Series: Materials Science and Engineering	1059	1	12040		
151	Olayil R., Arumugaprabu V., Das O., Lenin Anselm W.A.	A Brief Review on Effect of Nano fillers on Performance of Composites	2021	IOP Conference Series: Materials Science and Engineering	1059	1	12006		
152	Sumathy R., Muthukumar A.	Wavelength division multiplexing transmission using multimode erbium doped fiber amplifier with elevated refractive index profile	2021	Optical and Quantum Electronics	53	2	131		
153	Selvaraj K., Iswarya M., Ramyasri S., Anu K.M.S.	Arduino based Smart Irrigation System for Home Gardening	2021	Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021			9358498	1284	1288

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154	Devi R.K., Muthukannan M.	Self-healing Fault Tolerance Technique in Cloud Datacenter	2021	Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021			9358476	731	737
155	Devi R.K., Muthukannan M., Babu S.S.H., Sivadasan A., Abinivesh S.	Novel Authentication Mechanisms for Hash Code, CAPTCHA and OTP in Cyber Security Domain	2021	Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021			9358573	62	68
156	Sundaram B.B., Maurya S., Karthika P., Saraswathi P.V.	Enhanced the Data Hiding in Geometrical image using stego-Crypto techniques with machine learning	2021	Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021			9358679	1141	1144
157	Devi Parameswari C., Mandadi V.	Public distribution system based on blockchain using solidity	2021	Lecture Notes on Data Engineering and Communications Technologies	59			175	183

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158	Muneeswaran V., Nagaraj P., Dhannushree U., Ishwarya Lakshmi S., Aishwarya R., Sunethra B.	A framework for data analytics-based healthcare systems	2021	Lecture Notes on Data Engineering and Communications Technologies	59			83	96
159	Palaniappan M., Chandrasekar S.	Creating learning interest in the course "earthquake resistant design of structures" using innovative assessment methods	2021	Journal of Engineering Education Transformations	34	speacialIssue		757	762
160	Ajithram A., Winowlin Jappes J.T., Siva I.	Water Hyacinth (Eichhornia Crassipes) Natural Fiber Composite Properties— A Review	2021	Lecture Notes in Mechanical Engineering				183	193
161	Bathrinath S., Mahendiran T., Ravikumar M., Karthi Shesan T., Bhalaji R.K.A., Koppiahraj K.	Analysis of Risk Factors in Road Accidents Using Fuzzy ANP Method	2021	Lecture Notes in Mechanical Engineering				739	754
162	Indhuja E., Venkatesulu M.	A Survey of Blockchain Technology Applications and Consensus Algorithm	2021	Lecture Notes on Data Engineering and Communications Technologies	55			173	187

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163	Ganesh A.C., Sivasubramanian J., Seshamahalingam M.S., Millar J., Jayanth Kumar V.	Investigation on the performance of hybrid fiber reinforced geopolymer concrete made of m-sand under heat curing	2021	Materials Science Forum	1019 MSF			73	81
164	Kumar S.A., Pravin J.C.	Influence of Tunable Work Function on SOI-based DMG Multi-channel Junctionless Thin Film Transistor	2021	Journal of Nano- and Electronic Physics	13	1		0100 5 1	0100 5 4
165	Raja M., Dhanasekaran S., Vasudevan V.	An energy efficient multi secret sharing for encrypted images using homomorphic encryption algorithms	2021	Journal of Green Engineering	11	2		1575	1586
166	Parvathy V.S., Pothiraj S., Sampson J.	Hyperparameter Optimization of Deep Neural Network in Multimodality Fused Medical Image Classification for Medical and Industrial IoT	2021	Internet of Things				127	146
167	Deepalakshmi P., Prudhvi K.T., Siri C.S., Lavanya K., Srinivasu P.N.	Plant leaf disease detection using CNN algorithm	2021	International Journal of Information System Modeling and Design	12	1		1	21

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168	Muthamil Sudar K., Deepalakshmi P.	An intelligent flow-based and signature-based IDS for SDNs using ensemble feature selection and a multi-layer machine learning-based classifier	2021	Journal of Intelligent and Fuzzy Systems	40	3		4237	4256
169	Selva Birunda S., Kanniga Devi R.	A review on word embedding techniques for text classification	2021	Lecture Notes on Data Engineering and Communications Technologies	59			267	281
170	Bhalaji R.K.A., Bathrinath S., Ponnambalam S.G., Saravanasankar S.	A Multi-criteria Decision-Making Method to Analyze Service Quality Risks in Healthcare Industries	2021	Lecture Notes in Mechanical Engineering				355	369
171	Chinnasamy P., Deepalakshmi P.	HCAC-EHR: hybrid cryptographic access control for secure EHR retrieval in healthcare cloud	2021	Journal of Ambient Intelligence and Humanized Computing	-	-	-	-	-
172	Radhakrishnan Nair R.K., Pothiraj S., Radhakrishnan Nair T.R., Cengiz K.	An efficient partitioning and placement based fault TSV detection in 3D-IC using deep learning approach	2021	Journal of Ambient Intelligence and Humanized Computing	-	-	-	-	-



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173	Solly M.M., Ramasamy M., Poobalan R.K., Ramanathan R.	Spin-Coated Bismuth Vanadate Thin Film as an Alternative Electron Transport Layer for Light-Emitting Diode Application	2021	Physica Status Solidi (A) Applications and Materials Science	-	-	-	-	-
174	Kalpana A.V., Chandrasekar T., Devi S.R., Jeaunita T.C.J.	Automated Irrigation System with Pest Detection Using IoT with OTSU Algorithm	2021	Intelligent Systems Reference Library	193			209	217
175	Sridevi R., Charles Pravin J., Ramesh Babu A., Ajayan J.	Lowering the Schottky Barrier Height by Titanium Contact for High-Drain Current in Mono-layer MoS <sub>2</sub> Transistor	2021	Journal of Electronic Materials	-	-	-	-	-
176	Sridevi R., Pravin J.C., Babu A.R., Nirmal D.	Investigation of Quantum Confinement Effects on Molybdenum Disulfide (MoS <sub>2</sub> ) Based Transistor Using Ritz Galerkin Finite Element Technique	2021	Silicon	-	-	-	-	-
177	Bhuvaneshwary N., Prabu S., Karthikeyan S., Kathirvel R., Saraswathi T.	Low Power Reversible Parallel and Serial Binary Adder/Subtractor	2021	Intelligent Systems Reference Library	193			151	159

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179	Alqaralleh B.A.Y., Vaiyapuri T., Parvathy V.S., Gupta D., Khanna A., Shankar K.	Blockchain-assisted secure image transmission and diagnosis model on Internet of Medical Things Environment	2021	Personal and Ubiquitous Computing	-	-	-	-	-
180	Banumathi J., Muthumari A., Dhanasekaran S., Rajasekaran S., Pustokhina I.V., Pustokhin D.A., Shankar K.	An Intelligent Deep Learning Based Xception Model for Hyperspectral Image Analysis and Classification	2021	Computers, Materials and Continua	67	2		2393	2407
181	Fegade U., Kolate S., Gokulakrishnan K., Ramalingan C., Altalhi T., Inamuddin, Kanchi S.	A Selective Ratiometric Receptor 2-((E)-(3-(prop-1-en-2-yl)phenylimino)methyl)-4-nitrophenol for the Detection of Cu <sup>2+</sup> ions Supported By DFT Studies	2021	Journal of Fluorescence	-	-	-	-	-

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183	Kavipriya A., Muthukumar A.	Innovative approach for multimodal fusion recognition based feature extraction using band-limited phase-only correlation and discrete orthonormal stockwell transform	2020	IET Image Processing	14	15		3669	3675
184	Vigneshwari N., Rajeswari K., Jothimalar T., Sowmiya M.	A Rehabilitation System to Assist Diplegia by Repetitive Exercise using LabVIEW	2020	Proceedings of B-HTC 2020 - 1st IEEE Bangalore Humanitarian Technology Conference			9297857		
185	Vigneshwari N., Sushmitha M., Venkatesan K., Seethapathy K., Murugan S., Sivakumar K.	Synthesis of Low Cost Hydrogel for Artificial Cartilage	2020	Proceedings of B-HTC 2020 - 1st IEEE Bangalore Humanitarian Technology Conference			9297876		
186	Indhumathi K., Sathesh Kumar K.	A review on prediction of seasonal diseases based on climate change using big data	2020	Materials Today: Proceedings	37	Part 2		2648	2652

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187	Manoranjithem V., Venkatesulu M.	KNN Classification in Chronic Kidney Disease Dataset	2020	International Journal of Mathematics and Computer Science	15	4		1337	1343
188	Nair A., Ramji V., Durai Raj R., Veeramani R.	Laser cladding of Stellite 6 on EN8 steel – A fuzzy modelling approach	2020	Materials Today: Proceedings	39			348	353
189	Nair A., Adam Khan M., Sivakumar M., Selvaganesh R.M., Sushanth J., Sachin M.	Geometric characteristics analysis of hole making through abrasive water jet drilling	2020	Materials Today: Proceedings	39			338	347
190	Meenalochini G., Ramkumar S.	Survey of machine learning algorithms for breast cancer detection using mammogram images	2020	Materials Today: Proceedings	37	Part 2		2738	2743
191	Palanimeera J., Ponmozhi K.	Classification of yoga pose using machine learning techniques	2020	Materials Today: Proceedings	37	Part 2		2930	2933
192	Ramkumar S., Kartheeswaran S., Kesavan M.B., Lavakumar V., Elanjiam G., Thamaraiselvi G., Priya B.S.	A bibliometric study on soft computing techniques and applications in top most populated asian countries	2020	Materials Today: Proceedings	37	Part 2		2938	2946

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194	Velmurugadass P., Dhanasekaran S., Shasi Anand S., Vasudevan V.	Enhancing Blockchain security in cloud computing with IoT environment using ECIES and cryptography hash algorithm	2020	Materials Today: Proceedings	37	Part 2		2653	2659
195	Raja M., Dhanasekaran S., Vasudevan V.	Attribute-based encryption for ciphertext in advanced encryption standard	2020	Materials Today: Proceedings	37	Part 2		3442	3445
196	Sasikumar S., Thirumalaisamy T.K., Saravanakumar S., Bahadur S.A., Sivaganesh D.	Investigations on structural and electrical properties of conventional and microwave sintered BaTiO <sub>3</sub> and Ba <sub>0.98</sub> Nd <sub>0.02</sub> TiO <sub>3</sub> ceramics	2020	Ferroelectrics	572	1		147	157
197	Sangeetha M., Vijayakarhik P., Dhanasekaran S., Murugan B.S.	Fine grained access control using H-KCABE in cloud storage	2020	Materials Today: Proceedings	37	Part 2		2735	2737
198	Maheswari K., Balamurugan A., Malathi P., Ramkumar S.	Hybrid clustering algorithm for an efficient brain tumor segmentation	2020	Materials Today: Proceedings	37	Part 2		3002	3006

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199	Thirugnanasamban dan T.	Nanomaterials in Microbial Fuel Cells and Related Applications	2019	Nanotechnolo gy in the Life Sciences				279	316

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