

**ABOUT THE COLLEGE**  
Kongu Engineering College (KEC), established in the year 1984, approved by AICTE New Delhi and affiliated to Anna University, Chennai, has completed 36 years of dedicated and excellent service in the field of technical education. The college offers 14 undergraduate, 19 postgraduate and 16 research programmes in engineering, management and applied sciences. The college is one among the best self-financing engineering colleges imparting high quality of technical education in Tamil Nadu and also in India. The college is well known for its technical excellence, modern facilities, record of performance with outstanding results and enterprising the student community.

**ABOUT THE DEPARTMENT**  
Departments of Physics & Chemistry were established in the year 1984. The departments occupy a prominent place in the annals of the academic history of the college and are committed to disseminate essential knowledge and skill based understanding of concepts of science, especially in the areas relevant to engineering and technology. The research centre of the departments provides an active and dynamic research atmosphere, where research in futuristic areas in physics and chemistry are pursued. The department offers Ph.D. degree program with different specializations in physics such as solar energy, thin films, crystal physics, plasma physics and with different specializations in chemistry. Both the departments have received R&D funds from University Grants Commission, New Delhi and Chemistry has received R&D funds from DST and also more R&D projects are in pipeline with various funding agencies like DST, UGC, CSIR and DRDO.

**ABOUT THE CONFERENCE**  
Energy efficient and eco-friendly technologies and related systems are critically needed for sustainable development in all aspects, and hence, innovation towards energy conversion and storage, effective usage of energy, environment and advanced materials are inevitable for the welfare of our society. Extended usage of conventional energy sources to meet the global energy demand will exacerbate the existing pollution problem and therefore, much attention must be given towards the scientific issues such as the in fossil fuel consumption, CO<sub>2</sub> emissions, and increase in average temperature of the planet. Hence, new low cost technologies that use earth abundant and non-toxic materials must be identified. Over the years, the industries and public have become aware of the damaging effects of some past practices and the need of environmental safety. Environmental issues such as climate change and water pollution have become increasingly important in everyday life. In parallel, scientists are now researching new methods and materials that are more sustainable and eco-friendly while maintaining the development of industries and hence, the economy of our country. Advanced materials, macroscopically - low cost, earth abundant, light weight, high strength, long life and eco-friendly materials and microscopically - non-toxic and high performing materials, play a pivotal role in addressing the global challenges mainly related to water, energy, food, and environmental protection and have received greater attraction towards device applications like sensors, display systems, data storage, fuel cells etc.

In conclusion, ecological compatibility, reconversion of materials, energy saving and new applications are the base for preventing risks and protecting the environment and the natural resources. Therefore, strengthening the science through research and development is necessary to maintain a comfortable life in harmony with the environment and nature. Outcome of this conference will help the society to save environment and to understand the chosen systems towards energy management. Moreover, this conference will be guiding principle for future research.

**OBJECTIVE OF THE CONFERENCE**  
The major objective of this conference is to provide a platform for academicians, scientists, technologists, economists from academia, government and the industries to have healthy, constructive and professional debate on energy and environmental issues, and advanced materials for high performing devices in both national and international context.

Contributions for this conference are encouraged in the following areas:

- Solar energy conversion - solar thermal and photovoltaics
- Materials and methods of other energy systems
- Energy storage - Fuel cells and Hydrogen storage
- Carbon capture and storage
- Materials for data storage
- Materials for Bio-medical applications
- Materials for Wastewater Treatment
- Nano science and technology
- Sensors and Optoelectronics
- Novel and advanced materials
- Nuclear power, including fusion technologies
- Sustainable green power and waste management
- Air and Water pollution and treatment methods
- Environmental biotechnology and Environmental Analysis
- Polymer Chemistry and Composites
- Electrochemistry/Energetic Chemistry
- Corrosion and its control
- Nanomaterials in Energy and Environment
- Green Chemistry/Food Chemistry
- Photocatalysis, Photochemistry and Adsorption

**Location**  
The college is situated at Perumthurai on the national highway about 30 km from Chinnai and 20 km from Erode. It is well connected by road and rail.

**Important Dates**  
Deadline for Abstract Submission : June 25, 2021  
Notification of Acceptance : June 28, 2021  
Early Bird Registration : July 05, 2021  
Conference Date : July 15 & 16, 2021

**Abstract Submission**  
Authors are requested to submit their abstracts using the E-mail id: keceeam2021@gmail.com

**Registration Fee**  
A. Participation alone: INR 200 for all category  
B. Presentation (includes e-certificate and soft copy of conference proceedings with ISBN/ISSN): INR 400  
UG/PG Student/Research Scholar/Academician : INR 1000  
Industry / R & D Institute : INR 1500  
Foreign delegates : USD 15  
C. Presentation (includes hard copy of certificate and conference proceedings with ISBN/ISSN along with postal charges): Indian Authors : INR 800  
Note: Acceptance and Details of registration will be communicated to the authors of selected abstracts through registered E-mail Id.

**Online payment (NEFT Transfer) to the following account**

Account Name	Kongu Engineering College - Grants
Account Number	124715500001832
Name of the Bank	The Karur Vysya bank Ltd
IFSC Code	KVBL0001247
MICR Code	638053013

**Presentation**  
Authors can present their paper through virtual platform (using PPT). Three parallel sessions will be conducted. Presentation schedule (date, time and duration) along with link will be communicated through registered E-mail well in advance.

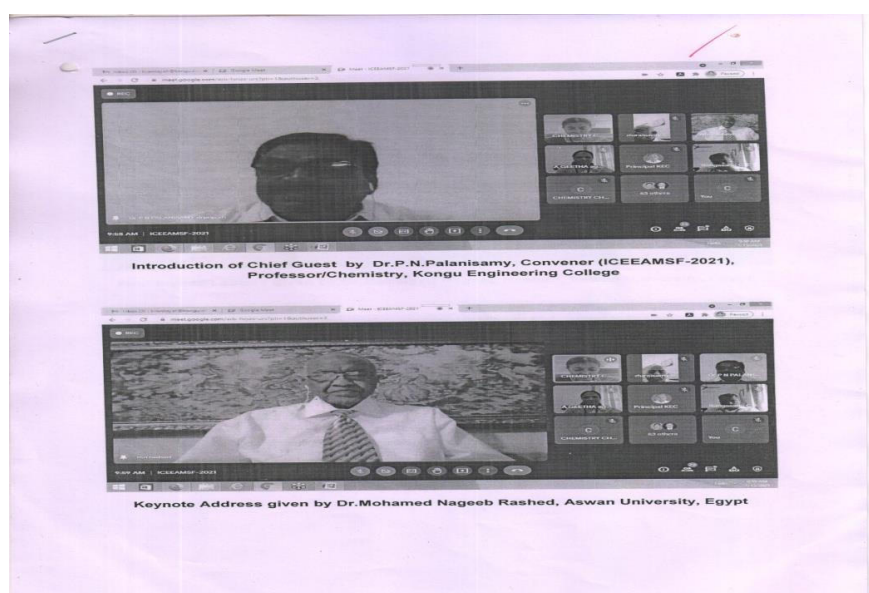
**Publication**  
All the accepted abstracts will be published in the conference proceedings with ISBN/ISSN number.

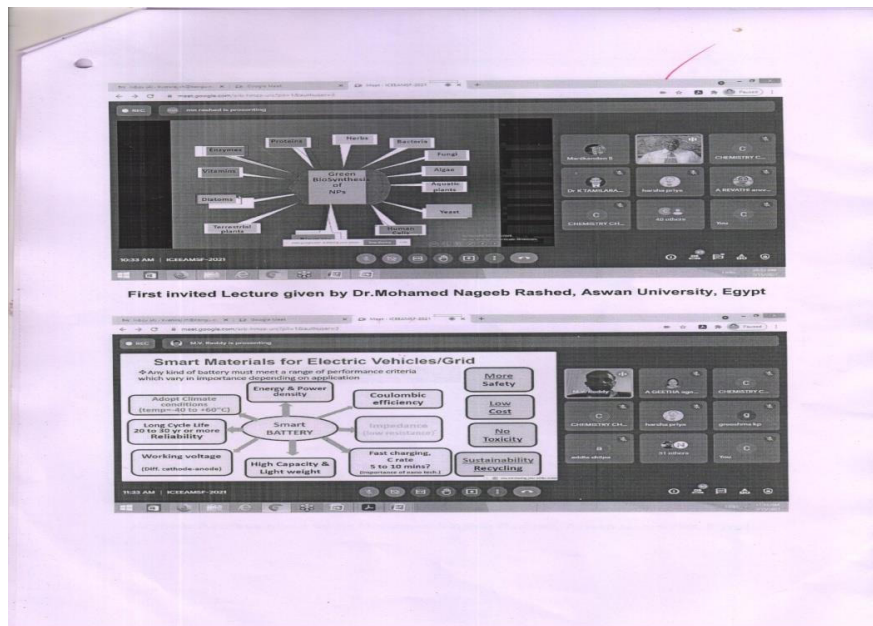
**For More Details**  
E-mail Id: keceeam2021@gmail.com  
Cell: +91 9486443981, +91 9976817141  
Registration link: <https://forms.gle/JFG32-F1LhYFWA>  
Note: The participants who wish to attend the conference alone can register at any time (on or before July 05, 2021). The participants who wish to present a paper in the conference can register after receiving the acceptance (on or before July 05, 2021). Link to join in whatsapp: <https://chat.whatsapp.com/HEDJQdNcWw5tC5aF>

**ADDRESS FOR CORRESPONDENCE**  
Dr. P. N. Palanisamy & Dr. C. Rangasami  
Convener(s)-ICEEAMSF-2021  
Department of Physics & Chemistry  
Kongu Engineering College, Perumthurai - 638 060

For Registration only both QR Code

## PHOTOS





## PARTICIPANTS LIST

KONGU ENGINEERING COLLEGE, Palurunda, Erode - 638 960					
DEPARTMENT OF PHYSICS AND CHEMISTRY					
AKTE sponsored Second International Conference on					
ENERGY, ENVIRONMENT AND ADVANCED MATERIALS FOR A SUSTAINABLE FUTURE (SCEAMP-2021)					
JULY 15-16, 2021					
[FOCUS MODE]					
S.No	Name	Designation	Department	Name of the Institute / Organisation	Amount Paid
1	Rajni R	Pg Student	Chemistry	Ami Anand College	200
2	CHANDICE E	Student	CHEMISTRY	DR J. JAYARAJ COLLEGE	200
3	SURESH KUMAR	Assistant Professor	MECHANICAL ENGINEERING	R.M.K. ENGINEERING COLLEGE	200
4	JOYANTIN N	Assistant Professor	PAVSCIE	RMK COLLEGE OF ENGINEERING AND TECHNOLOGY	200
5	Saharsh N.R	Student	M.sc Physics-1st year	D O Vishwanath college Autonomous Evening shift	200
6	KARAN BHALLA	Assistant Professor	APPLIED SCIENCE	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA	200
7	PATRAK DINKA	Research scholar	Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology	200
8	ANKIT CHOUDHARY	Student	Department of Physics	National Institute of Technology	200
9	SOHITA LOULAKI	Student	PHYSICS	National Institute of Technology	200
10	GURJESH KUMAR NAYAK	Lecturer	Physics	Shri Sri Thakur Mathaashraya, Khulda, Balasore	200
11	ABHIRAMALI A	Student	B.E. COMPUTER SCIENCE ENGINEERING	SRM RAMAKRISHNA INSTITUTE OF TECHNOLOGY	200
12	ANSHITHA R	Student	Computer science	SRM Ramakrishna Institute of Technology	200
13	SHIVANISHANAYAK K	Student	COMPUTER SCIENCE	SRM RAMAKRISHNA INSTITUTE OF TECHNOLOGY	200
14	RAJESH KANAKALATHI K	Student	B.E. CSE	SRM Ramakrishna Institute of Technology	200
15	VIJAYARAJ S	Student	BTech INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	200
16	VIJAYARAJ S	Student	INFORMATION TECHNOLOGY	Bannari Amman Institute of Technology	200
17	VANSEEGARAN N	Student	INFORMATION TECHNOLOGY	Bannari Amman Institute of Technology	200
18	SRIRAM K	Student	Information technology	Bannari Amman Institute of Technology	200
19	C. Neelima Agarwal	Assistant Professor	Physics	Chattampi Sreedathi Institute of Technology(A)	200
20	KARAN L	Student	IT	KARAN L	200
21	SURESH L	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	200
22	PRATHAP K S	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	200
23	VIJAYARAJ S	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	200
24	VINAYASUBRAMANIAM J	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	200
25	THANESH G	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	200
26	PRATHAP K	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	200
27	VIJAYARAJ S	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	200



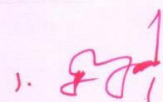

59	VINEESH RAMAKRISHNAN H	Assistant Professor	Information Technology and Cognitive Systems	Sri Krishna Arts and Science College	Coimbatore	400
60	SENTHILKUMAR S	Assistant Professor	CHEMISTRY	Sri Ramakrishna Institute of Technology	COIMBATORE	400
61	SARAJAMAN BANU	Assistant Professor	CHEMISTRY	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	COIMBATORE	400
62	PRIVA M	Assistant Professor	Chemistry	Sri Ramakrishna Institute of Technology	Coimbatore 10	400
63	PRIVACHARSHINI N	Assistant Professor	COMPUTER SCIENCE	SRI GOVINDASAKSHI COLLEGE FOR WOMEN	UDUMALPET	400
64	ARCHANA JAIN	Assistant Professor	Department of Physics and Chemistry	Mahatma Gandhi Institute of Technology	Hyderabad	400
65	KUMARESAN M	Professor	Chemistry	Arasu Engineering College	Kumbakonam, Thanjavur District	400
66	KURUMANGATHAN M	Professor	CHEMISTRY	ARASU ENGINEERING COLLEGE	KUMBAKONNAM	400
67	PRAVEENA R	Assistant Professor	CHEMISTRY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	SATHYAMANGALAM	400
68	VENKATESH R	Assistant Professor	Physics	PSNA College of Engineering and Technology	Cindgi	400
69	SUATHA M	Assistant Professor	CHEMISTRY	CHIKKANA GOVERNMENT ARTS COLLEGE	TIRUPUR	400
70	SATHYA N	Assistant Professor	CHEMISTRY	Chikanna govt arts college tirupur	Tirupur	400
71	PRIYA V	Assistant Professor	Chemistry	Vellalar College for Women	Erode-635012	400
72	NAGAKARTHIKA G	Student	Chemistry	Chikanna Government Arts College	Tirupur	400
73	S. SELVAKUMAR	Assistant Professor	Renewable Energy Science	Manonmaniam Sundaranar University	Tirunelveli	400
74	JENNY RACHEL BLUJ	Student	CHEMISTRY	STELLA MARIS COLLEGE	CHENNAI	400
75	REBECCA SUSAN PHILIP	Student	CHEMISTRY	STELLA MARIS COLLEGE	CHENNAI	400
76	MANIKANDAN S	Research scholar	Department of physics	Angkor Anna Government Arts College, Namakkal-637 002	Namakkal	400
77	SWENTHRA K	Research scholar	PHYSICS	ARUNAI ANNA GOVT ARTS COLLEGE	NAMAKKAL	400
78	S.MUTHULINGAM	Assistant Professor	CHEMISTRY	SRI RAMAKRISHNA COLLEGE OF ARTS AND SCIENCE	COIMBATORE	400
79	GRISHMA K P	Assistant Professor	CHEMISTRY	SRI RAMAKRISHNA COLLEGE OF ARTS AND SCIENCE	COIMBATORE	400
80	AMALA GEORGE	Research scholar	CHEMISTRY	SRM IST	CHENGALPATTU	400
81	PRASANNA BALAJI V	Student	Department of Chemistry	Madras Christian College	Chennai	400
82	DHIT T	Student	MECHANICAL ENGINEERING	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	400
83	GOMATHI K	Research scholar	CHEMISTRY	VELLALAR COLLEGE FOR WOMEN	ERODE	400
84	SIDDHARTHA DAM	Research scholar	Physics	UGC-DCE CSR, Kanyakumari	Kanyakumari, Tamil Nadu	400
85	DHEVIYAN	Student	Information technology	Bannari Amman Institute of Technology	Sathyamangalam	400
86	KAMALAR	Research scholar	Department of Physics	Angkor Anna Government Arts College, Namakkal	Namakkal	400
87	LATHA K	Research scholar	Chemistry	Sri Sarada College for Women (Autonomous), Salem-16	Salem	400
88	MAHESHWARAN A	Assistant Professor	Physics	Bannari Amman Institute of Technology	Sathyamangalam	400
89	Jane celestine J	Research scholar	Chemistry	Thangarajar College	Madurai	400
90	SOUMYA M	Student	PHYSICS	STELLA MARIS COLLEGE	CHENNAI	400
91	VARSHA LINI P K	Technical Assistant	RF&F	National Institute of Wind Energy	Chennai	400
92	AMIT KUMAR	Research scholar	Physics	Kurukshetra University, Kurukshetra	Kurukshetra	400
93	SARNA KUMAR	Research scholar	Physics	Kurukshetra University, Kurukshetra	Kurukshetra	400
94	BOOPATHY RAM L	Student	MECHANICAL DEPARTMENT	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Sathyamangalam,Erode	400

28	DINESH M	Student	INFORMATION TECHNOLOGY	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	COIMBATORE	200
29	RAJATH M	Student	IT/ECIT	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	COIMBATORE	200
30	ROSESTIL S	Post Graduate	Chemistry	Adipasa College	Pala	200
31	ARTH R	Student	B.E. COMPUTER SCIENCE AND ENGINEERING	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY, PACHAPALAYAM, COIMBATORE-15	COIMBATORE	200
32	SHARSHANNA K.L	Student	COMPUTER SCIENCE (E)	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	TORE	200
33	JASWANTHIKAS	Student	B.Tech. Fashion Technology	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Erode	200
34	SANGEETHA S	Assistant Professor	Chemistry	Vellalar College for Women, Autonomous	Erode	200
35	MANITHA N	Student	FASHION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200
36	NEELANJAN R	Student	MECHANICAL ENGINEERING	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	Perur Chettipalayam, Pachapalayam, Coimbatore, Tamil Nadu 641010	200
37	SHALU YADAV	Research scholar	Basic Sciences and Humanities	RGPT	Jala, Anethi	200
38	D V CHITRA	Associate Professor	Physics	Sri Ramakrishna Institute of Technology	Coimbatore	200
39	DEEPIKA R	Student	CSE	Sri Ramakrishna Institute of Technology	Pachapalayam, Coimbatore	200
40	V. SAKTHI PRASADH	Student	mechanical	Sri Ramakrishna Institute of Technology	Coimbatore	200
41	NAGARAJ S	Professor	Science and Humanities Mathematics	Sri Ramakrishna Institute of Technology	Coimbatore	200
42	CHIRYA V	Associate Professor	Science and Humanities - Physics	Sri Ramakrishna Institute of Technology	Coimbatore	200
43	YOGESHWARI M	Assistant Professor	Physics	Vellalar College for Women	Tirunelveli	200
44	Indira priya M	Student	New Physics	D C Vaidyanath College, Autonomous Evening shift	Chennai, Tamil Nadu	200
45	Prasanthkumar K	Student	M SC Physics	D C Vaidyanath College, Autonomous Evening shift	Chennai, Tamil Nadu	200
46	Dr. M. Sarath Babu	Assistant Professor	Physics	A. P. A. College of Arts and Culture	Tamil Nadu	200
47	Pratima	Assistant Professor	Chemistry	Arasu Engineering College	Kumbakonam	200
48	T. Chennaman	Student	M SC Physics	D C Vaidyanath College, Autonomous Evening shift	Chennai, Tamil Nadu	200
49	Dr. Harshani G V	Assistant Professor	Business Administration	Thangarajar College	Chennai	200
50	ANANDHARAJAN C	Student	Department of chemistry	Arasu Engineering College	Perambalur, Madurai	400
51	SHAMMAGAPATHY R	Research scholar	Chemistry	The Gandhigram Rural Institute (Deemed to be University)	Gandhigram	400
52	Harshini G	Research scholar	Department of Chemistry	Gandhigram Rural Institute (Deemed to be University)	Gandhigram	400
53	Dr. Adiba Shifa	Assistant Professor	Chemistry	Mahatma Gandhi Institute of Technology	Hyderabad	400
54	JONE MADADELIN B	Research scholar	Chemistry	Holy Cross College (Autonomous), Nagercoil	Nagercoil	400
55	PRIMA MERLIN R	Research scholar	Chemistry	Sri Christ Church College (Autonomous) Nagercoil	Nagercoil	400
56	S. SAREENA	Research scholar	Environmental Science/Biotechnology	Sri Ramakrishna Institute of Technology & Engineering & Environmental Science, Manonmaniam Sundaranar University, Alwarthiruchi-627412	Alwarthiruchi	400
57	S. RAJAJURAN PANDIAN	Research scholar	Chemistry	Sri Paramasivan College, Alwarthiruchi-627412	Alwarthiruchi	400
58	DEEPIKA S	Research scholar	PHYSICS	ARUNAI ANNA GOVERNMENT ARTS COLLEGE, NAMAKKAL	NAMAKKAL	400



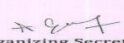

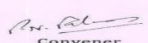
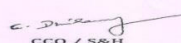
Sl. No.	Student	Academic Progress	Current semester marks	Percentage Marks
1	ABHIRAM K	Chemistry	80	80
2	ADARSH K	Chemistry	75	75
3	ADARSH K	Chemistry	70	70
4	ADARSH K	Chemistry	65	65
5	ADARSH K	Chemistry	60	60
6	ADARSH K	Chemistry	55	55
7	ADARSH K	Chemistry	50	50
8	ADARSH K	Chemistry	45	45
9	ADARSH K	Chemistry	40	40
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50	ADARSH K	Chemistry	0	0

  
Convener

**Dr. P.N. PALANISAMY, M.Sc., Ph.D.,**  
PROFESSOR  
DEPARTMENT OF CHEMISTRY  
KONGU ENGINEERING COLLEGE  
PERUNDURAI, ERODE-638 060.

1.  (1708/2018)  
2.   
HOD (Chemistry)

## CERTIFICATE

	<b>KONGU ENGINEERING COLLEGE</b> (AUTONOMOUS) PERUNDURAI, ERODE-638 060 TAMILNADU, INDIA.	
<b>DEPARTMENT OF PHYSICS AND CHEMISTRY</b>		
<b>AICTE SPONSORED SECOND INTERNATIONAL CONFERENCE ON "ENERGY, ENVIRONMENT AND ADVANCED MATERIALS FOR A SUSTAINABLE FUTURE"</b>		
<b>[ICEEAMSF-2021]</b>		
JULY 15 <sup>th</sup> & 16 <sup>th</sup> , 2021 (Virtual Mode)		
<b>CERTIFICATE</b>		
This is to certify that <b>ABHISHALI.R</b> Sri Ramakrishna Institute of Technology, Coimbatore		
HAS PARTICIPATED / PRESENTED IN THE AICTE SPONSORED SECOND INTERNATIONAL CONFERENCE ON "ENERGY, ENVIRONMENT AND ADVANCED MATERIALS FOR A SUSTAINABLE FUTURE (ICEEAMSF-2021)" ORGANIZED BY THE DEPARTMENT OF PHYSICS AND CHEMISTRY, KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060.		
 Organizing Secretary [Dr. A. Geetha]	 Convener [Dr. C. Rangasami]	 Convener [Dr. P. N. Palanisamy]
		 CCO / S&H [Dr. C. Duraisamy]



## SANCTIONED LETTER

15/06/21

Dated- 21<sup>st</sup> June, 2021

F. No.67- 51/IDC/GOC/POLICY-2/2020-21

All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)  
**Grant for Organizing Conference - Sanction Letter**

To  
The Drawing and Disbursing Officer  
All India Council for Technical Education  
Nelson Mandela Marg, Vasant Kunj,  
New Delhi-110070

*12 Dr. S. Lakshmi  
→ Phys. HOD, Chem. HOD*

**Subject:** Release of a sum of Rs. 25,000/- (Rupees Twenty five thousand only) as Grant-in-Aid to conduct Conference under the scheme Grant for Organizing Conference (GOC) for the year 2020-21 payable during the current financial year 2021-22-reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs. 25,000/- (Rupees Twenty five thousand only) to conduct Conference under the scheme Grant for Organizing Conference (GOC), as per details given below:

1.	Name and address of the Beneficiary Institute:	Kongu Engineering College, Perundurai Railway Station Road, Thoppupalayam Perundurai, Erode-District, Tamil Nadu-636060
2.	Permanent ID of Institute:	1-3589631
3.	Title of Conference:	ICEEAMSF-2021
4.	Mode of Conference:	Online Conference
5.	Level of Conference:	International Level
6.	Name of Coordinator:	Dr. Pachagoundanpalayam Nachimuthu
	Name of Co-Coordinator:	Rangasami Chinusamy
7.	Grant-in-aid Sanctioned:	Rs. 50,000/- (Rupees Fifty thousand only)
8.	Amount to be released during the year 2020-21 as 1 <sup>st</sup> instalment (50% of grant sanctioned):	Rs. 25,000/- (Rupees Twenty five thousand only)
9.	Sanctioned grant-in-aid is debit to:	Major Head 601. 17 (a) Gen (GOC) Plan Head

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education, New Delhi on the Grant-in-aid bill and shall be disbursed to and credited to the account of Registrar/ Director/ Principal of the institute through RTGS.
- This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated and also being communicated in this letter.

**The instructions/ guidelines to be followed by college/ institution**

**I. Release of funds**

a. The Principal/ Director of the institute and the Coordinator of the Conference are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, against which the grant is being released:

AQIS ID: 1-9237374081

## UTILISATION CERTIFICATE

Grant for Organizing Conference (GOC)		
Utilization Certificate for the financial year:2021-22		
Name of Institute: Kongu Engineering College Name of the Scheme under which Grant was sanction: Grant for Organizing Conference (GOC)		
AICTE Sanction Order No. & Date under which Grant was sanctioned	Amount Sanction (Rs.)	CERTIFICATE
F.No.67-51 / IDC/GOC/ POLICY-2/2020-21 dated 4.5.2021 under Grant for Organizing Conference Scheme(GOC)	Rs. 50,000  (Rs.25,000 Received as First Installment)  Rs.Nil (for Non-recurring)  Rs.Nil (for Recurring)	Certified that out of Rs.50,000/- (Fifty Thousand Only) of Grant-in-aid sanctioned by AICTE during the Financial Year 2021-22 as per letter mentioned in the margin, a sum of Rs.25,000/- (received as first installment) has been utilised for the purpose for which it was sanctioned. There is Rs.Nil on account of unspent balance and Rs.Nil on account of Interest to the extent of AICTE grant. The balance of Rs.Nil remained unutilised at the end of the year 2021-22. The balance amount to be received from AICTE is Rs. 849.97/- ( One third of the total expenses).
<p>Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.</p> <p><b>Kinds of checks exercised:</b></p> <p>The fund for honorarium, coordinator fee, auditor fee, brochure design, certificate design, proceedings with ISBN &amp; printing work, refreshment, lunch bill has been utilised properly.</p>		
<p><i>[Signature]</i> 14-9-21 U.PIN: 21026921 AAAAFL3749 [Signature of Chartered Accountant] Name of CA : <u>G. VELLUMANI, B.Sc., F.C.A.,</u> Membership No. : <u>Chartered Accountant</u> Full Address : <u>33/1, Adarshnagar, Erode.</u> [with seal][with seal] <u>NAH Hospital Road, ERODE - 638 011.</u> (mandatory for self financing institutes)</p>	<p><i>[Signature]</i> 9-9-21 [Signature of Head of the Institute] Name : <u>DR. V. J. SAMY</u> Designation : <u>KONGU ENGINEERING COLLEGE</u> Full Address : <u>TROOPUPALATAM (PO), PERUNDURATTI, ERODE-638060</u> <u>TAMILNADU, INDIA</u></p>	

## SUMMARY REPORT

The Departments of Physics & Chemistry, Kongu Engineering College, successfully organized a two-day AICTE Sponsored Second International Conference on “**Energy, Environment and Advanced Materials for a Sustainable Future (ICEEAMSF-2021)**” during 15<sup>th</sup> and 16<sup>th</sup> of July, 2021. Eminent scientists from various reputed research organizations and leading institutions in India and also from abroad delivered informative lectures on various topics related to Energy, Environment and Advanced Materials for sustainable development. Delegates from various educational institutions and research laboratories all over India attended the conference.

The conference was started with the inaugural function at 9.30 a.m. on the first day (15-07-2021). Dr. K. Tamilarasan, Professor, Department of Physics welcomed the gathering. Dr. C. Rangasami, Professor & Head, Department of Physics briefed the conference. Thiru. P.



Sachithanandan, Correspondent, Kongu Engineering College, presided over the function and delivered presidential address. Prof. Dr. V. Balusamy, Principal, Kongu Engineering College gave the felicitation. This was followed by the release of proceedings by Thiru. P. Sachithanandan, Correspondent Kongu Engineering College. Dr. P. N. Palanisamy, Professor, Department of Chemistry introduced the chief guest of the Inaugural function Dr. Mohamed Nageeb Rashed, Aswan University, Egypt. Dr. Mohamed Nageeb Rashed inaugurated the conference and delivered inaugural address. The inaugural function ended with vote of thanks by Dr. A. Geetha, Associate Professor & Head, Department of Chemistry.

The conference comprised of six invited lectures and four oral presentation sessions which includes three parallel sessions on Energy, Environment and Advanced Materials.

The inaugural function was followed by invited lectures. The first invited lecture which commenced at 10.00 am was addressed by **Dr. Mohamed Nageeb Rashed**, Professor, Department of Chemistry, Aswan University, Egypt. He delivered a lecture on **“New trends in green synthesis of metals nanoparticles and its application for treatment of polluted water”**. After 15 minutes break, the second invited lecture on **“Recent Advances on materials for Energy Storage and conversion”** was given by **Dr. M. V. Reddy**, Senior Researcher, Institute of Research Hydro-Québe, Center of Excellence in Energy Storage and Transportation Electrification, Montreal, Canada. The forenoon technical session ended at 12.15 p.m. It was followed by oral presentation session I at 12.15 p.m.

The third invited lecture commenced at 2.15 p.m after lunch break. **Shamima Hussain** Scientist – F, UGC-DAE CSR, Kalpakkam, delivered a lecture on **“Regulating the performance of thin film based optoelectronic devices”**. It was followed by oral presentation session II at 3.15 p.m.

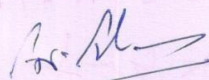
The technical sessions of the second day started with oral presentation III at 9.00 a.m. The fourth invited lecture was delivered by **Dr. Prasada Rao Talakonda**, Battery Scientist, Paraclete Energy, 700 W Industrial Dr, Chelsea, Michigan, US on **“Energy Storage: Advanced Materials for Rechargeable Batteries”** at 10.00 a.m.

After 15 minutes of tea break, the fifth invited lecture commenced at 11.15 am. **Dr. Mohamad Nasir Bin Mohamad Ibrahim**, Associate Professor, School of Chemical Sciences, Universiti Sains Malaysia, Malaysia delivered a lecture on **“Extraction of nano sized lignin from Oil Palm Empty Fruit**

**Bunch waste: A novel water-in-oil emulsifying agent**". It was followed by oral presentations session IV at 12.15 p.m. After 1 hour of lunch break, the sixth invited lecture commenced at 2.15 p.m. Dr. **Santhosh Kumar M.C.**, Associate Professor, Department of Physics, National Institute of Technology, Tiruchirappalli delivered a lecture on "**Recent Advances in Cadmium Free Ternary Chalcogenide Solar Cells**".

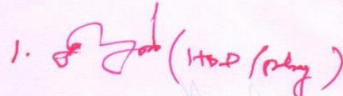
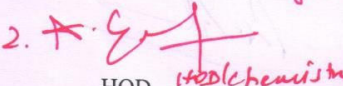
On the second day, technical sessions came to an end at 3.15 p.m. The valedictory function started at 3.15 p.m. Dr. C. Rangasami, Professor & Head, Department of Physics, Kongu Engineering College welcomed the gathering. Prof. Dr. V. Balusamy, Principal, Kongu Engineering College presided over the function and delivered the valedictory address. Dr. A. Geetha, Associate Professor & Head, Department of Chemistry proposed the vote of thanks. The participants gave online feedback about the conference. The two days international conference came to an end with national anthem.

The conference provided a platform to the delegates to acquire more knowledge about the advancements in Energy, Environment and Advanced Materials for a sustainable future.



Convener

**Dr.P.N.PALANISAMY, M.Sc.,Ph.D.,**  
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