

Brouchure



KONGU ENGINEERING COLLEGE
(Autonomous)
Perundurai, Erode - 638060
DEPARTMENT OF CHEMISTRY
In commemoration of the



Transform Yourself

World Environment Day, 2021

Webinar on
"Science Of Climate Change"

 **11th June, Friday**  **3.30 pm**

Resource Person



Dr.Muthukumar Muthuchamy
Dean - School of Earth Science Systems
Professor and Head
Department Of Environmental Science
School of Earth Science Systems (SESS)
Central University of Kerala
Kasaragod (DT), Kerala-671316
India



 **Registration link**
<https://forms.gle/LAsK4CUpuHhbUufSA>

 **Meeting platform**
<https://meet.google.com/bbn-tqsa-sfr>

 **E-Certificates for all the Participants**

Convener(s)
Dr.P.N.Palanisamy / Professor
Dr.A.Geetha
Associate Professor & Head

Co-Convener
Dr.S.Nirmaladevi
Assistant Professor

List of Participants

S.No	Name	Address
1	Gothawari. G	Gobi Arts and Science College
2	Mrs. A. Franklin Ragila	Department of Commerce, Holy Cross College (Autonomous), Nagercoil
3	S.Meena	Christopher Arts and Science College (Women)
4	A.Devi	Education, V.O.C college of education
5	Dr.S. LUNA EUNICE	Chemistry, Kamaraj College of Engineering & Technology
6	Dharaneeshwaran N.P	ECE&KPRIET
7	Dr. A. Babila Kingsly	Economics
8	L LISY	Nanjil Catholic College of Arts and Science Kaliyakkavilai
9	Selvasamyuktha P	I M.Sc Chemistry Avinashilingam institute for home science and Higher education for women
10	P.UMAPAVITHRA	B.Sc chemistry, Sarah tucker college
11	T.S.VIDHYA	Department of English, Gobi Arts & Science College.
12	ABINAYA	I BCOM ECOMMERCE- PSGR KRISHNAMMAL COLLEGE FOR WOMEN
13	PREETHY A	I MSc Chemistry, Nirmala college for women, coimbatore
14	J.shalini	Physics, loyola college
15	Prof Dr.B.Tamilselvi	S.T.Hinducollge ,Nagercoil
16	Dr.J.Prakash Arul Jose	Professor/Civil Engg.,Paavai Engg College,Namakkal
17	Dr.R.Tamilselvi	Govindammal aditanar college
18	Dr. P. Leema Rose	Assistant professor of Botany, Holy Cross College Nagercoil
19	M.Sornalakshmi	BA(English Literature)Gobi Arts & science college
20	Joycy Renuka J	Mathematics, St. Mary's college(Autonomous), Thoothukudi
21	Mercyba Angel A	BA English literature - Gobi Arts & Science College
22	S. Ishika	Chemistry department, sarah Tucker college

23	REVATHI A	Department of Chemistry,Kongu Engineering College
24	JOTHIKA. M	Biotechnology & Madha Engineering College
25	P.JEYA PRIYA	Msc.chemistry, The American college.
26	T.MOHAMMED ARIF	Mechanical Engineering, Sakthi Polytechnic College
27	Dr.V.Sreeja	Assistant Professor of Chemistry, Vellalar College for Women (Autonomous), Erode
28	TAMILISAI R	Chemistry Department, Kongu Engineering College,Perundurai
29	Dr.P.Malathy	Department of English, Chikkaiah Naicker College, Erode-4
30	B Jone Magadelin	Research Scholar, Department of Chemistry, Holy Cross College (Autonomous), Nagercoil
31	S.MUTHULAKSHMI	II B.Sc chemistry ,Sarah Tucker college
32	G.Jency	2nd B.sc.chemistry, Sarah tucker college
33	Mrs.N.Thangammal	Economics Department, Govindammal Aditanar College For Women, Tiruchendur.
34	J.HANNAH DELPHIE	II B.Sc Chemistry , Sarah Tucker college
35	Srimathi.M	Department of chemistry, Avinashilingam Institute for Home Science and Higher education for women, Coimbatore.
36	Dr. P. Manikandan	Kongu engineering college
37	SATHEESH KUMAR K	B.TECH IT,HINDUSTAN INSTITUTE OF TECHNOLOGY
38	SIBI.G	DEPARTMENT OF METALLURGY, SAKTHI POLYTECHNIC COLLEGE
39	V.SRINITHI	II - BA English Literature, Gobi Arts and Science College
40	Abisheik Shanu J	Chemistry department and Loyola College, (Autonomous), Chennai

41	R.AVANTHIKA	Food tech,kongu engineering college
42	S.Nixson Raj	B.Tech-Biotechnology-Madha Engineering College
43	A. SUNDARI	Chemistry department & SARAH TUCKER COLLEGE.
44	Dr. P. Krishnamoorthy	Department of Chemistry, Kongu Engineering College, Perundurai
45	A. JEENA MARY	Msc chemistry & Nirmala college for women, coimbatore.
46	PAVITHRA B	I.M.Sc Chemistry and Nirmala college for women-Coimbatore
47	L.POORNIMA	Assistant Professor of English, Gobi Arts &Science College.
48	R.Vigneshwaran	Gobi arts and science college
49	Dr.S.SAMINATHAN	Chemistry, Sakthi polytechnic College
50	S. Jenita	BSc Chemistry, Sarah Tucker College
51	Dr. A. Jeyanthi	Associate Professor of Economics, Govindammal Aditanar College for Women Tiruchendur
52	Kowshalya V N	Dept of Chemistry, Kongu Engineering College
53	Dr.P.PARIMALA DEVI	Dept. Of Chemistry,Gobi Arts & Science College, Erode Dt
54	K.SENTHIL KUMAR	Assistant professor of English, Gobi Arts and Science college, Gobichettipalayam.
55	JOPHY VINCENT. V	Msc chemistry & Nirmala college for women coimbatore
56	Dr.A.Venkateshkumar	Assistant Professor of English Gobi Arts & Science College
57	S.RAMYA	M.sc., Physics Arignar Anna govt arts college cheyyar-604407Tv.malai DT.
58	S. K. Johnsy Sugitha	Mar Ephraem college of engineering and technology, Elavuvilai, Department of chemistry
59	Priyanka R	Chemistry and Avinashilingam institute for home science and higher education for women

60	GOKUL J M	PHYSICS, ARIGNAR ANNA ARTS CLG
61	Prof T.CHOCKALINGAM PILLAI (Rtd)	Department of Chemistry,S.T.Hindu College
62	LAKSHAY GARG	Department of Commerce, Maharshi Dayanand University, Rohtak
63	GOBIGA K	B.TECH FOOD TECHNOLOGY and KONGU ENGINEERING COLLEGE, PERUNDURAI,ERODE-638 060
64	S.Vitharshana	Bcom ecommerce
65	B.T.DELMA	Department of Chemistry, Holy Cross College, Nagercoil
66	RATHI PREETHI S	FOOD TECHNOLOGY, KONGU ENGINEERING COLLEGE
67	K. BOOBESHWARAN	Muthayammal college of arts and science
68	Dr.U.Jayaprakash	Assistant Professor in Commerce, Gobi Arts & Science College, Gobichettipalayam
69	KRISHNAVENI K	ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY, KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE
70	NANTHAKUMAR R	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE
71	S.SHAMKUMAR	CHEMISTRY-MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE
72	Kiruthika P	Assistant Professor in English,Gobi Arts & Science College,Gobichettipalayam
73	NAKUL K	FOOD TECHNOLOGY KONGU ENGINEERING COLLEGE
74	THAMIZHOVIYAM D T	Dept of BIOTECHNOLOGY- Madha Engineering college
75	C.VARSHA	Arignar anna government arts college Cheyyar. Physics department
76	KUZHANTHAITHERAS.P	sacred heart college, triuppatur

77	Shilpa.C	IMsc. Chemistry, Nirmala college for women
78	RAJESWARI R	DEPARTMENT OF CHEMISTRY, L.R.G GOVT ARTS COLLEGE FOR WOMEN, TIRUPUR
79	TAMILSELVI. M	I PG Chemistry Avinashilingam institute for home science and higher education for women
80	Dr. M. KARTHIKEYAN	Department of Chemistry, Kongu Engineering College, Perundurai, Erode
81	Dr.M.Shirly Treasa	Department of Chemistry, Holy Cross College(Autonomous),Nagercoil
82	S. Sathishkumar	Chemistry, Kongu Engineering College
83	NAVEEN.S	DEPARTMENT OF METTALURGY ENGINEERING, SAKTHI POLYTECHNIC COLLEGE
84	Dr.M.Hema	Kamaraj College of Engineering and Technology
85	PARAMASIVAM P	Physics Department, Kongu Engineering College
86	Chikkappa Udagani	Department of Physics, University College of Science, Tumkur University
87	PRAVEENA K	DEPARTMENT OF CHEMISTRY, AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN COIMBATORE
88	Dr. K. MANJULA RANI	CHRMISTRY, KONGU ENGINEERING COLLEGE
89	R Prema Merlin	Assistant Professor, Ponjesly College of Engineering
90	Mr. S. RAMKUMAR	Assistant Professor of Chemistry, Muthayammal College of Arts and Science, Rasipuram
90	Ms. C. Nesavathy	Department of English, Holy Cross College (Autonomous), Nagercoil
92	K.Rakshantha	Chemistry department, Sarah Tucker college

93	Madhumitha.N	B.Com(e commerce) and PSGR Krishnammal College for Women
94	Dr M Shunmugavalli	Head and Associate professor of Economics Govindammal Aditanar College for Women Tiruchendur
95	S. AKESHYA	B. Sc chemistry, Sarah Tucker college
96	M. Sorimuthu selvi	B. Sc chemistry 1st year Sarah tucker College Thirunelveli
97	S. Virgin jeba	Department of physics, Holy Cross College (Autonomous)
98	ANANTHAJOTHI. M	II B. Sc Chemistry, sarah Tucker college

K. G. J.
Convenor

K. G. J.
HOD



bbn-tqsa-sfr ▶



REC

MUTHUKUMAR is presenting

First Global Environmental Conference
1st Earth Summit conducted at STOCKHOLM, SWEDEN
5th June 1972
Theme: Human Environment – Poverty, Drought and Desertification
Chairman: Mustafa Kemal Tolba



MUTHUKUMAR



A GEETHA



You



Dr P N PANDARAY 75 others

REC

MUTHUKUMAR M is presenting

How much light reaches the Earth?

1360 W/m²

Earth

680

North Pole

Equator

South Pole

MUTHUKUMAR M

A GEETHA ageet...

S NIRMALADEVI s...

Dr P N PALANISA...

81 others

You

3:50 PM | Webinar on Science of Climate Change

People

19 IN CALL

KONGU ENGINEERING COLLEGE, PERUNDURAI - 638 060, ERODE, TN, INDIA
(AUTONOMOUS)
DEPARTMENT OF CHEMISTRY
organizes

Online Webinar

on


“Science of Climate Change”

(on 11.06.2021 from 3.30 pm to 5.30 pm)

SUMMARY REPORT

In view of World Environment Day- 2021, the Chemistry department of Kongu Engineering College has organized an online webinar on “Science of Climate Change” on 11.06.2021 from 3.30 pm to 5.30 pm. Google Meet Platform used to organize the programme. No Registration fee was collected. The participants included students and faculty members from various institutes across the state. Prof.M.Muthukumar, Dean - School of Earth Science Systems, Professor and Head - Department of Environmental Science, School of Earth Science Systems(SESS),Central University of Kerala has acted as a resource person for this event. This event highlighted the importance of world environment day and the consequences of climate change. Nearly 238 participants have registered and 98 participants have attended the programme. For all the attended participants we provided the e-certificate.


Convener


HOD

Certificate model for Participants



Webinar on Science of Climate Change

Organized by
Department of Chemistry
Kongu Engineering College
Perundurai-638 060

CERTIFICATE

This is to certify that Dr/Prof/Mr/Ms

<<Full name>>

<<Institutions>>

UG/PG/M.Phil/Research Scholar/Faculty has attended the webinar on "Science of Climate Change" organised by the Department of Chemistry, Kongu Engineering College, Perundurai, Erode on 11.06.2021.

Dr.P.N.Palanisamy
Professor/Chemistry
Kongu Engineering College
Convener

Dr.A.Geetha
Associate Professor & Head/ Chemistry
Kongu Engineering College
Convener

Dr.S.Nirmaladevi
Assistant Professor/Chemistry
Kongu Engineering College
Coordinator

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE – 638 060.

DEPARTMENTS OF PHYSICS & CHEMISTRY

AICTE SPONSORED SECOND INTERNATIONAL CONFERENCE ON ENERGY, ENVIRONMENT AND
ADVANCED MATERIALS FOR A SUSTAINABLE FUTURE
(ICEEAMSF-2021)

JULY 15-16, 2021
(Virtual Mode)

SANCTIONED LETTER

13/6/21

Dated- 21st 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

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

*13/6/21
→ 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 Chinnusamy
7.	Grant-in-aid Sanctioned:	Rs. 50,000/- (Rupees Fifty thousand only)
8.	Amount to be released during the year 2020-21 as 1 st 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

BROCHURE




AICTE
SPONSORED

SECOND INTERNATIONAL CONFERENCE
ON
ENERGY, ENVIRONMENT AND ADVANCED MATERIALS
FOR A SUSTAINABLE FUTURE


(ICEEAMSF-2021)

JULY 15 & 16, 2021
(Virtual Mode)


ORGANIZED BY
DEPARTMENT OF PHYSICS & CHEMISTRY
KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI - 638 060
ERODE, TAMILNADU, INDIA




RESOURCE PERSONS




Dr. Mohamed Nageeb Rashed
Professor
Department of Chemistry
Aswan University
Egypt




Dr. Mohamed Nasir Bin Mohamad Ibrahim
Associate Professor
School of Chemical Sciences
Universiti Sains Malaysia




Dr. M.V. Reddy
Senior Researcher
Institute of Research Hydro-Québec
Center of Excellence in Energy Storage and
Transportation Electrification Montreal,
Canada



Dr. Santhosh Kumar M.C
Associate Professor
Department of Physics
National Institute of Technology
Tiruchirappalli - 620015
Tamilnadu, India



Dr. Prasada Rao Talakonda
Battery Scientist
Paraclete Energy
700 W Industrial Dr, Chelsea,
Michigan, US



Shamima Hussain
Scientist -F
UGC-DAE CSR, Kalpakkam Node
Via Kokilamedu Gate, Kokila-
medu-603104
Tamilnadu, India

Chief Patron : Thiru. P.Sachithanandan, Correspondent

Patron : Dr.V.Balusamy, Principal

Chairman(s) : Dr. C. Duraisamy, CCO/S&H

Convenor(s) : Dr. K. Tamilarasan, Professor /Physics

Organizing secretary : Dr. F.R.Palanisamy, Professor /Chemistry

Organizing secretary : Dr. C.Rangasami, Professor & Head /Physics

Organizing secretary : Dr. A. Geetha, Associate Professor & Head /Chemistry

NATIONAL ADVISORY COMMITTEE

Dr. K.P. Elango, Gandhigram Rural University, Dindigul, TN

Dr. N. Rajendran, Anna University, Chennai, TN

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Dr. R. Karvembu, NIT, Trichy, TN

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Dr. M. Kumaraswamy, IISc, Bangalore, Karnataka

Dr. S. Nagarajan, Central University, Thiruvananthapuram, TN

Dr. M. Kumaravel, PSG College of Technology, Coimbatore, TN

Dr. Arivuel, Anna University, Chennai, TN

Dr. S. K. Gupta, BARC, Mumbai, Maharashtra

Dr. Sudakar Chandran, IITM, Chennai, TN

Dr. Jai Prakash Tiwari, NPL, New Delhi

Dr. M. Senthil Kumar, NPL, New Delhi

Dr. M.C. Santhosh Kumar, NIT, Trichy, TN

Dr. V. N. Mani, CMET, Hyderabad, Telangana

Dr. Triniwasan Natarajan, IISc, Bangalore, Karnataka

Dr. Shamima Hussain, UGC-DAE CSR, Kalpakkam, TN

INTERNATIONAL ADVISORY COMMITTEE

Dr. Mohamed Nageeb Rashed, Aswan University, Egypt

Dr. Mohamed Nasir Bin Mohamad Ibrahim, Universiti Sains Malaysia, Malaysia

Dr. M. V. Reddy, CIETSE, Hydro-Quebec, Montreal, Canada

Dr. Veliyeveetil Suresh, National University of Singapore, Singapore

Dr. Shikha E.T. Sillars, Lappeenranta University of Technology, Finland

Dr. S. Ichimura, Nagoya Institute of Technology, Japan

Dr. S. Velumani, Av. Instituto Politécnico Nacional México

Dr. Smagul Karazhanov, Institute for Energy Technology, Norway

Dr. Prasada Rao Talakonda, Paraclete Energy, Michigan, US

ORGANIZING COMMITTEE MEMBERS

Members of Faculty, Departments of Physics & Chemistry

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 on 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 exaggerate the existing pollution problem and therefore, much attention must be given towards the scientific issues such as rise in fossil fuel consumption, CO₂ 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 ecofriendly 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 bases 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/Inorganic Chemistry
- Corrosion and its control
- Nanomaterials in Energy and Environment
- Green Chemistry/Food Chemistry
- Photocatalysis, Phytochemistry and Adsorption

Location

The college is situated at Perundurai on the national highway about 80 km from Coimbatore 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: kececeams2021@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):

UG/PG student/Research Scholar/Academician : INR 400

Industry/ R & D Institute : INR 1000

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	1247155000001832
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: kececeams2021@gmail.com

Cell: +91 9488644390, +91 9976817141

Registration link

<https://forms.gle/zFP3X2sF1JsjVFVA>

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/TH2cJJQaNcfGwn14CSzF>

ADDRESS FOR CORRESPONDENCE

Dr. P. N. Palanisamy & Dr. C. Rangasami

Convener(s)-ICEEAMSF-2021

Department of Physics & Chemistry

Kongu Engineering College, Perundurai - 638 060

For Registration
scqr.100x



PARTICIPANTS LIST



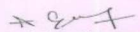

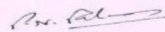
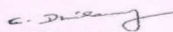
KONGU ENGINEERING COLLEGE, Perundurai, Erode – 638 060
DEPARTMENT OF PHYSICS AND CHEMISTRY
AICTE sponsored Second International Conference on
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JULY 15-16, 2021
(Virtual Mode)

S.No	Name	Designation	Department	Name of the Institute / Organisation	Place	Amount Paid
1	Rahul R	Pg Student	Chemistry	Anni Anadar College	Kannathur, Madurai, Tamil Nadu	200
2	DENISON S	Student	CHEMISTRY	ARUL ANANDAR COLLEGE	MADURAI	200
3	R. SURESH KUMAR	Associate Professor	MECHANICAL ENGINEERING	R.M.K. ENGINEERING COLLEGE	CHENNAI	200
4	JAYANTHI N	Assistant Professor	PHYSICS	RMK COLLEGE OF ENGINEERING AND TECHNOLOGY	CHENNAI	200
5	Sabarish N.R	Student	M.sc Physics-1st year	D G Vaishnav college Autonomous-Evening shift	Chennai	200
6	KARAN BHALLA	Assistant Professor	APPLIED SCIENCE	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA	Ludhiana	200
7	PATHAK DIKSHA	Research scholar	Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology	Jais, Amethi (UP)	200
8	ANKOT CHOUDHARY	Student	Department of Physics	National Institute of Technology	Tiruchirappalli	200
9	DIVITA GAUTAM	Student	PHYSICS	National Institute of Technology	Tiruchirappalli	200
10	DURGESH KUMAR NAYAK	Lecturer	Physics	Shilata Thakurani Mahavidyalaya, Khulda, Balasore	Balasore	200
11	ABHISHALI A	Student	B.E. COMPUTER SCIENCE ENGINEERING	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	COIMBATORE, TAMIL NADU	200
12	AKSHATHA R	Student	Computer science	Sri Ramakrishna institute of technology	Coimbatore	200
13	BHUVANESHWARI K	Student	COMPUTER SCIENCE	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	COIMBATORE, TAMILNADU	200
14	ARJUN ANNAMALAI G K	Student	BE CSE	Sri Ramakrishna Institute of Technology	Coimbatore	200
15	YUNARAJ S	Student	BTECH -INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200
16	NITHESH T	Student	INFORMATION TECHNOLOGY	Bannari Amman Institute of technology	Namakkal	200
17	VASEEGARAN N	Student	INFORMATION TECHNOLOGY	Bannari Amman Institute of Technology	Sathyamangalam	200
18	SRIRAM K	Student	Information technology	Bannari Amman Institute of Technology	Coimbatore	200
19	Dr. Neelima Agarwal	Assistant Professor	Physics	Chaitanya Bharathi Institute of Technology(A)	Hyderabad	200
20	KARAN L	Student	IT	KARAN L	pachapalayam, Coimbatore	200
21	SURESH L	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200
22	PRATHEEP K S	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200
23	NITHESH KUMAR S	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200
24	VENGATESH HARI PRABU J	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200
25	THIANESH G	Student	INFORMATION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200
26	PAVITHRA K	Student	BTECH FASHION TECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200
27	DARSANI S T	Student	B.Tech Fashion technology	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	200

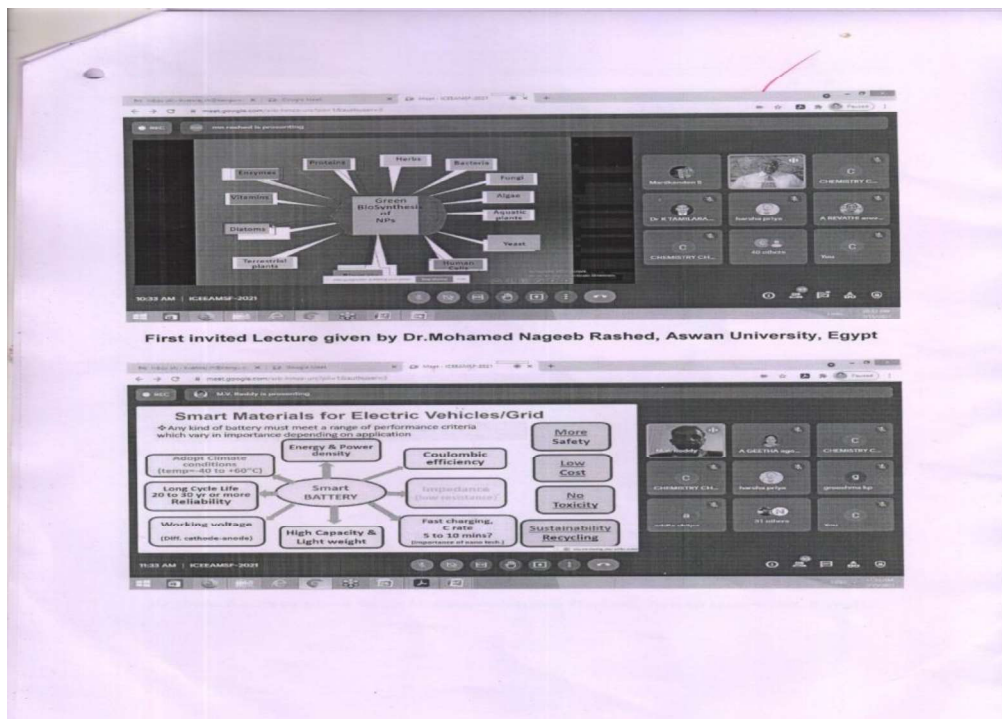
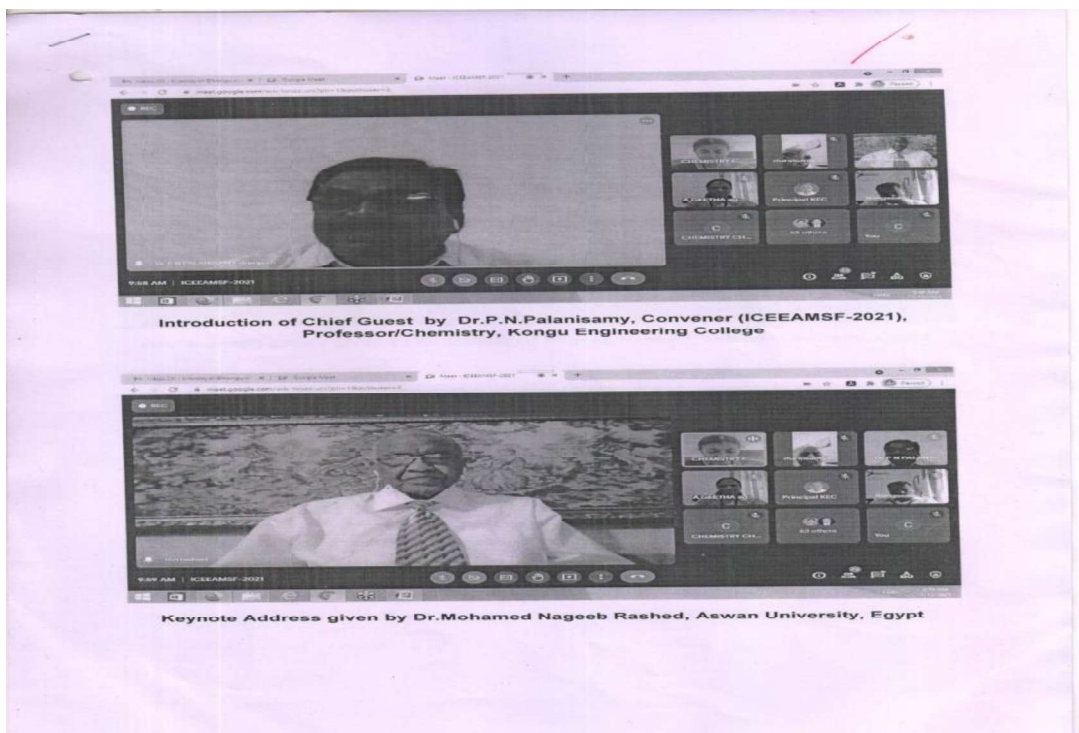
95	JAGAN S	Student	Mechanical Engineering	Bannari Amman Institute of Technology	Sathyamangalam, Erode	400
96	DHANASEKARAN E	Assistant Professor	Chemistry	Erode Sengunthar Engineering College	Perundurai	400
97	PACHAMUTHU P	Assistant Professor	Physics	Selvamm Arts and Science College (Autonomous)	Namakkal	400
98	RAJABHUVANESWARA A	Assistant Professor	Chemistry	CIPET, Guindy	Chennai	400
99	VIJAI C S	Professor	Chemistry	Naresw Sarathy Institute of Technology, Salem	Poosaripatty, Salem	400
100	KAVITHA C	Assistant Professor	Chemistry	Bannari Amman Institute of Technology	Sathyamangalam	400
101	KAVITHA G	Assistant Professor	Physics	Alagappa Govt. Arts College	Karakudi	400
102	Padma Priya K	Student	Electronics and Instrumentation	Kongu engineering college	perundurai	400
103	SADASIVAM K	Associate Professor	PHYSICS	Bannari Amman Institute of Technology (Autonomous)	Bannari Amman Institute of Technology (Autonomous)	400
104	M.MUTHUKRISHNAVENI	Assistant Professor	PHYSICS	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	COIMBATORE	400
105	Vengadesh Krishna M	Research scholar	CHEMISTRY	Bharathiar University	Coimbatore	400
106	VUJAYALAKSHMI J	Research scholar	Physics	Vellalar College for Women	Erode	400
107	L.SAMPATH KUMAR	Associate Professor	Physics	Bulders Engineering College	Kangayam, Tamilnadu	400
108	Chitra R	Assistant Professor	Physics	Kongu Arts and Science College (Autonomous)	Erode	400
109	DHIVYA SHREE A	Student	ELECTRONICS AND INSTRUMENTATION ENGINEERING	KONGU ENGINEERING COLLEGE	ERODE	400
110	SUPRIYA S	Professor	Chemistry	Jansons Institute of Technology	Coimbatore/Tamilnadu	400
111	V Kanchi Venna	Student	ELECTRONICS AND INSTRUMENTATION ENGINEERING	KONGU ENGINEERING COLLEGE	ERODE	400
112	P Ravathi	Assistant Professor	ELECTRONICS AND INSTRUMENTATION ENGINEERING	KONGU ENGINEERING COLLEGE	ERODE	400
113	R Madhavan	Student	ELECTRONICS AND INSTRUMENTATION ENGINEERING	KONGU ENGINEERING COLLEGE	ERODE	400
114	P Ramya	Student	ELECTRONICS AND INSTRUMENTATION ENGINEERING	KONGU ENGINEERING COLLEGE	ERODE	400
115	R Saranya	Student	ELECTRONICS AND INSTRUMENTATION ENGINEERING	KONGU ENGINEERING COLLEGE	ERODE	400
116	T Mrunalini	Assistant Professor	ELECTRONICS AND INSTRUMENTATION ENGINEERING	KONGU ENGINEERING COLLEGE	ERODE	400
117	M Nithya	Assistant Professor	Chemistry	Govt Arts College, Dharmapuri	Dharmapuri	400
118	M Rajasekhar	Professor	CHEMISTRY	Govt Arts College, Dharmapuri	Dharmapuri	400
119	Dr. N Vijaya	Professor	CHEMISTRY	Vellalar College for Women	ERODE	400
120	Seemesh Bhanar	Research scholar	STAR Lab, CRIF, Dept. of Chemistry	Sri Sathya Sai Institute of Higher Learning	Puttaparthi	800
121	SANGEETHA P	Assistant Professor	Physics	APA college	Palani	800

* Guf

CERTIFICATE

	KONGU ENGINEERING COLLEGE (AUTONOMOUS) PERUNDURAI, ERODE-638 060 TAMILNADU, INDIA.	
DEPARTMENT OF PHYSICS AND CHEMISTRY		
AICTE SPONSORED SECOND INTERNATIONAL CONFERENCE ON "ENERGY, ENVIRONMENT AND ADVANCED MATERIALS FOR A SUSTAINABLE FUTURE"		
[ICEEAMSF-2021]		
JULY 15 th & 16 th , 2021 (Virtual Mode)		
CERTIFICATE		
This is to certify that ABHISHALI.R 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. G. Rangasami]	 Convener [Dr. P. N. Palanisamy]
		 CCO / S&H [Dr. C. Duraisamy]

PHOTOS



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 15th and 16th 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

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.

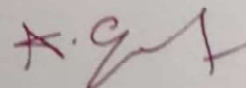
The third invited lecture commenced at 2.15 p.m. after lunch break. Shamima Hussain Scientist – F, UGC-DAE CSR, Kalpakkam, delivered a lecture on "Regulating the performance of thin film based optoelectronic devices". It was followed by oral presentation session II at 3.15 p.m.

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 a.m. 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.



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).

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.

Kinds of checks exercised:

The fund for honorarium, coordinator fee, auditor fee, brochure design, certificate design, proceedings with ISBN & printing work, refreshment, lunch bill has been utilised properly.

Signature
14-9-21
U.D. 21026921 AAAAFL3749
[Signature of Chartered Accountant]
Name of CA : G. VELUMANI, B.Sc., F.C.A.,
Membership No. : Chartered Accountant
Full Address : 33/1, Annamalai Layout,
[with seal][with seal] Nelli Hospital Road, Erode - 638 011.
(mandatory for self financing institutes) M.No: 026921.

Signature
14-9-21
[Signature of Head of the Institute]
Name : DR. V. RAGHUNATH SAMY
Designation : KONGU ENGINEERING COLLEGE
Full Address : THOPPUPALAYAM(PO)
PERUNDURATTI, TIRUERODE - 638660
TAMILNADU, INDIA

Signature
14

8/8/21 5/5/21

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060

DEPARTMENT OF CHEMISTRY

In association with IIPC

A Two-Day State Level Online Workshop on "Preparation Tips to Success CSIR- NET, GATE & SET Exams in Chemical Science"

Brochure of the Event:

CHIEF PATRON
Dr. V. Balusamy
Principal

CO-PATRON
Dr. C. Duraisamy
Chief Coordinator
Science & Humanities

CONVENOR(s)
Dr. A. Geetha,
Associate Professor & Head
Dr. P. N. Palanisamy, Professor
Ms. A. Revathi, Assistant Professor
Department of Chemistry

REGISTRATION
Participants have to register through
google forms. Meet link will be sent only
to registered participants through mail/
Whatsapp Group

FEE DETAILS
Faculty, Research Scholars, Students : Rs. 100
(including 18% GST)

MODE OF FEE PAYMENT
Registration fee should be paid only
through Online Mode (RTGS/ NEFT/ IMPS)
Account Holder Name: A Revathi
Acc.No. 1247155000100120
Bank : Karur Vysya Bank
Branch: KEC Nagar Branch, Perundurai
IFSC CODE - KVB10001247

GPay - (9942303014)

PROGRAMME OBJECTIVE
To provide the preparation tips to the participants
on how to crack NET/CSIR, GATE & SET
Exams in Chemical Sciences

WHO CAN PARTICIPATE?
Faculty, Research Scholars and Students

RESOURCE PERSON
Mr. Jeeva Balakrishnan Head Coach, JChem Academy, Trichy
Mr. Jeeva Balakrishnan cracked GATE, CSIR-NET and IIT-JAM
Exams more than once.

CSIR - NET - LS - JUNE - 2020
CSIR - NET - JRF - JUNE - 2020
GATE - 2019
GATE - 2020
GATE - 2021
JAM - 2020
JAM - 2021

TOPICS
DAY 1
Session 1: Overview and Opportunity in CSIR-NET, GATE & SET Exams
Session 2: Tricks & Tips to crack CSIR-NET, GATE & SET Exams

DAY 2
Session 3: Importance and Visualization of Online Exams
Session 4: Preparation Guidance in Chemical Sciences

WORKSHOP PLATFORM : Google Meet

FOR FURTHER CLARIFICATIONS,
CONTACT:
+91 9789498866
+91 9488644390
+91 9942303014


KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI, ERODE - 638060

A Two Day State Level Online Workshop on
Preparation Tips to success
CSIR-NET, GATE & SET Exams
in Chemical Sciences



12th & 13th August 2021
Time: 10.00 a.m. to 12.00 noon

Organized by
Department of Chemistry
(In Association with IIPC/KEC)
E-mail: kecchemistry@kongu.edu
Website : www.kongu.ac.in

Registration Link :
<https://forms.gle/iuahcedLaW36PpMk6>

Name List of Participants

S.No	Title	Name	Name of the Institution	Department
1	Dr.	Dhandapani	CK College of Engineering & Technology	Chemistry
2	Mr.	G.Karthi	M.P.Nachimuthu M.Jaganathan Engineering College, Chennimalai.	Chemistry
3	Mr.	B.BALAPRASAD	Saranathan College of Engineering	Chemistry
4	Ms.	S. LATHA	Government arts college autonomous Salem 7	Chemistry
5	Ms.	Daya Shree B	PSG College of arts and science	Chemistry
6	Mr.	Mohamed Raseen	Mohamed Raseen	Chemistry
7	Mr.	AJAY R	Dr.NGP arts and science college	Chemistry
8	Mr.	GANESH G S	Pachaiyappa's College	CHEMISTRY
9	Mr.	Poornesh D	Poornesh D	Msc. Chemistry
10	Ms.	P.Vanjinayaki	Thiagarajar college,Madurai.	Chemistry
11	Mr.	DINESHKUMAR G	C.B.M College	M.Sc CHEMISTRY
12	Ms.	Nisha	PSG college of arts and science	Chemistry
13	Mr.	Shajahan A	Bharathidasan University	School of chemistry
14	Ms.	D.luckysoniya	CBM college	MSC chemistry
15	Ms.	Aisha Shaikh	Goa University	School of Chemical Sciences
16	Mr.	HARIBAASKAR.K	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	CHEMISTRY
17	Mr.	BALAMUGUNDAN S	Thiru. Vi. Ka Government Arts College Thiruvarur	Chemistry
18	Mr.	Leo Francisco Blaise D'Souza	Goa University	Chemistry
19	Mr.	Lokesh R	CBM COLLEGE	M. Sc. Chemistry
20	Mr.	T. Sathya Narayanan	CBM College	M.SC CHEMISTRY
21	Ms.	CHRISTEENA. P	C. B. M college Kovaipudar	M. Sc chemistry
22	Ms.	R. Mehala	Guru Nanak College	Chemistry
23	Ms.	PAVITHRA S	PSG COLLEGE OF ARTS AND SCIENCE, COIMBATORE	2nd MSC CHEMISTRY
24	Mr.	S. Navaneethakrishnan	Sadakahullah college tirunelveli	M. Sc chemistry final year
25	Mr.	Venkatesh Prasad B	Karunya university	MSc Chemistry
26	Mr.	Jaisakthi c	CBM college	Msc chemistry
27	Mr.	ATHEEQUE AHMED V	THIRUVALLUVAR UNIVERSITY, SERKADU	PHYSICS
28	Ms.	Mageshwari.R	Vels University	Organic chemistry

29	Ms.	Pavithra V Ravi	Sri Ramakrishna Engineering College	Nanoscience and Technology
30	Ms.	Aishwarya S	Pondicherry University	Chemistry
31	Mr.	JEGATHESH K	PSG College of arts and science	Chemistry
32	Ms.	M. Vijayalakshmi	Sri Moogambigai College of Education	Chemistry
33	Mr.	Prasathkumar T	Kongunadu Arts and Science College	Chemistry
34	Ms.	valarmathi	Government Arts College for women Salem	Chemistry
35	Ms.	J JOSE HEPZIN ALIS	ANNAI VELANKANNI COLLEGE THOLAYAVATTAM AFFILIATED TO MS UNIVERSITY TIRUNELVELI	Chemistry
36	Ms.	Kiruthigadevi. D	Vsb college of engineering technical campus coimbatore	Chemistry
37	Mr.	GANESHMOORTHY B	V.H.N.S.N.College	Chemistry
38	Dr.	N. Neelakandeswari	Nallamuthu Gounder Mahalingam College	Department of Chemistry
39	Mr.	KALAIYARASAN.S	PSG COLLEGE OF ARTS AND SCIENCE, COIMBATORE.	CHEMISTRY
40	Ms.	KEERTHIKA S	Thiagarajar College of Arts and Science	Chemistry
41	Mr.	YOGHANANTHAN K	KONGU ENGINEERING COLLEGE	CHEMISTRY
42	Ms.	PANI MALAR HENCY M	Women's Christian College, Nagercoil	Chemistry
43	Mr.	Elangovan M	Indian Arts and Science college	Chemistry
44	Ms.	THENMOZHI.S	SRI VASAVI COLLEGE, ERODE	Chemistry
45	Mr.	A.Sakthivel	C.B.M college kovaipudur- 641042,covai.	Department of chemistry
46	Ms.	P.VASANTHI	Government Arts college, Thiruvannamalai	CHEMISTRY
47	Mr.	PRASANTH M	J.k.k. Nattraja college of arts and science	Chemistry
48	Mr.	Hariharan.S	Government arts college Coimbatore	Chemistry
49	Ms.	JANANI.M	NEHRU MEMORIAL COLLEGE	CHEMISTRY
50	Ms.	Prasheena Russell.S	Prasheena Russell.S	Chemistry
51	Mr.	M.Gokul	The American College	Chemistry
52	Dr.	Dr.R.Rajan	V.S.B.College of Engineering Technical Campus, Coimbatore-642109	Chemistry

30	Ms.	Aishwarya S	Pondicherry University	Technology
31	Mr.	JEGATHESH K	PSG College of arts and science	Chemistry
32	Ms.	M. Vijayalakshmi	Sri Moogambigai College of Education	Chemistry
33	Mr.	Prasathkumar T	Kongunadu Arts and Science College	Chemistry
34	Ms.	valarmathi	Government Arts College for women Salem	Chemistry
35	Ms.	J JOSE HEPZIN ALIS	ANNAI VELANKANNI COLLEGE THOLAYAVATTAM	Chemistry
36	Ms.	Kiruthigadevi. D	AFFILIATED TO MS UNIVERSITY TIRUNELVELI	Chemistry
37	Mr.	GANESHMOORTHY B	Vsb college of engineering technical campus coimbatore	Chemistry
38	Dr.	N. Neelakandeswari	V.H.N.S.N.College	Chemistry
39	Mr.	KALAIYARASAN.S	NallamuthuGounderMahalingam College	Department of Chemistry
40	Ms.	KEERTHIKA S	PSG COLLEGE OF ARTS AND SCIENCE, COIMBATORE.	Chemistry
41	Mr.	YOGHANANTHAN K	Thiagarajar College of Arts and Science	CHEMISTRY
42	Ms.	PANI MALAR HENCY M	KONGU ENGINEERING COLLEGE	Chemistry
43	Mr.	Elangovan M	WOMEN'S CHRISTIAN COLLEGE, NAGERCOIL	CHEMISTRY
44	Ms.	THENMOZHIS	Indian Arts and Science college	Chemistry
45	Mr.	A.Sakthivel	SRI VASAVI COLLEGE, ERODE	Chemistry
46	Ms.	P.VASANTHI	C.B.M college kovaipudur- 641042,covai.	Department of chemistry
47	Mr.	PRASANTH M	Government Arts college, Thiruvannamalai	Chemistry
48	Mr.	Hariharan S	J.k.k. Nattaraja college of arts and science	CHEMISTRY
49	Ms.	JANANI.M	Government arts college Coimbatore	Chemistry
50	Ms.	PrasheenaRussell.S	NEHRU MEMORIAL COLLEGE	CHEMISTRY
51	Mr.	M.Gokul	PrasheenaRussell.S	Chemistry
52	Dr.	Dr.R.Rajan	The American College	Chemistry
			V.S.B.College of Engineering Technical Campus, Coimbatore-642109	Chemistry

Co-ordinator

HOD / Chemistry

Workshop Photos

REC Jeeva Balakrishnan is presenting

தேடிச் சோறுநிதந் தின்று - பல சின்னஞ் சிறுகதைகள் பேசி - மனம் வாடித் துன்பமிக உழன்று - பிறர் வாடப் பலசெயல்கள் செய்து - நரை கூடிக் கிழப்பருவ மெய்தி - கொடுங் கூற்றுக் கிரையெனப்பின் மாயும் - பல வேடிக்கை மனிதரைப் போலே - நான் விழவே எனன்று நினைத் தாயோ? • பாரதியார்

10:10 AM | gsn-esj-jtm

People

- Mute all
- Add people
- Host controls
- Dr P N PALANIS...
- A GEETHA ageet...
- ELANGOVAN VASANTHI
- ganesh moorthi
- Hariharan S
- Jaisakthi c
- JANANI.M
- Jeeva Balakrishnan
- Jeeva Balakrishnan Presentation
- Kalaiyaran .S

35 others

You

10:10 AM | gsn-esj-jtm

type here to search

10:10 AM 12-09-2021

meet.google.com/gsn-esij-jtm?pli=1&authuser=0

REC Jeeva Balakrishnan is presenting

PART B	40 Questions	Questions	
2 Marks each	Inorganic Chemistry	13	26 Marks
	Physical Chemistry	13	26 Marks
	Organic Chemistry	13	26 Marks
PART C 60 Questions			
4 Marks each	Inorganic Chemistry	20	80 marks
	Physical Chemistry	20	80 Marks
	Organic Chemistry	20	80 Marks
Any one area		26+80	106 Marks
Any Two Area		52+ 100	152 Marks

10:50 AM | gsn-esij-jtm

Windows taskbar: Type here to search, 10:50 AM 12-08-2021

Participants: sakthivel 123, A GEETHA ageetha.sh, Shanthe B, 202CE001 AJAY R, 19MCH003 Daya Shree B, Jeeva Balakrishnan, 37 others, You

meet.google.com/gsn-esij-jtm?pli=1&authuser=0

REC Jeeva Balakrishnan is presenting

PART B	40 Questions	Questions	
2 Marks each	Inorganic Chemistry	13	26 Marks
	Physical Chemistry	13	26 Marks
	Organic Chemistry	13	26 Marks
PART C 60 Questions			
4 Marks each	Inorganic Chemistry	20	80 marks
	Physical Chemistry	20	80 Marks
	Organic Chemistry	20	80 Marks
Any one area		26+80	106 Marks
Any Two Area		52+ 100	152 Marks

10:50 AM | gsn-esij-jtm

Windows taskbar: Type here to search, 10:50 AM 12-08-2021

Participants: sakthivel 123, A GEETHA ageetha.sh, Shanthe B, 202CE001 AJAY R, 19MCH003 Daya Shree B, Jeeva Balakrishnan, 37 others, You

Browser tabs: Inbox (29) - kecchemi, IIPC-Workshop - Google, Untitled form - Google, Day-1 Session II Feed, Meet - gsn-esij-jtm, Mail - Revathi A. - Outlook, queries synonyms - Google

Address bar: meet.google.com/gsn-esij-jtm?pli=1&authuser=0

Meeting header: REC Jeeva Balakrishnan is presenting

Tips: 4

Don't waste excess time for one question

Jeeva Balakrishnan

sakthivel 123

A GEETHA ageetha.sh

Shanthi B

18BCHO18 Jegathesh K

Alice Ezhil

31 others

You

11:18 AM | gsn-esij-jtm

Windows taskbar: Type here to search, 11:18 AM 12-08-2021

JChem Academy

$[Mn(H_2O)_6]^{2+}$

\Rightarrow Electron degeneracy

Mn -

1) All bonds are equal

Oh

Square bipyramidal

D_{4h}

$5d^5$ mn^2 d^5

4 4 ✓
4 4 4
Dynamic / weak
Strong / static

Chat 3

36/53

JChem Acad

Re
Revathi

S.
S.navaneet

12:05

33/53

Chat

le
leo

p.v.

JChem Academy

$[Mn(H_2O)_6]^{2+}$

\Rightarrow Electron degeneracy can be removed

Mn - O removed

2d⁵ Mn²⁺ d⁵

4 4
4 4
4 4

Dynamic Jahn Teller effect

Strong Jahn Teller effect

Square bipyramidal

D_{4h}

Chat 3

35/53

JChem Acad

Revathi

S. Navaneet

JChem Academy

$[Mn(H_2O)_6]^{2+}$

Mn - O

2d⁵ Mn²⁺ d⁵

4 4
4 4
4 4

Dynamic Jahn Teller effect

Strong Jahn Teller effect

Square bipyramidal

D_{4h}

Chat 3

37/53

JChem Acad

Revathi

S. Navaneet

SUMMARY REPORT

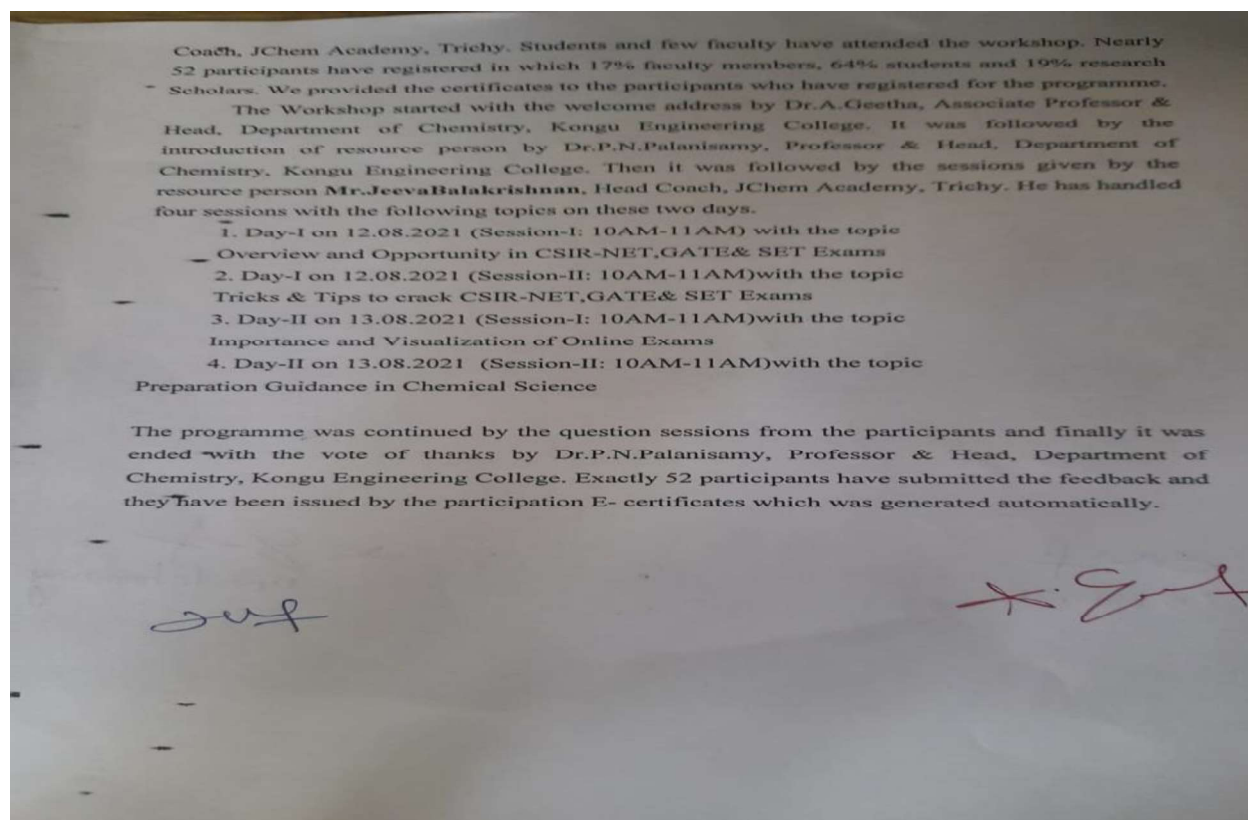
The Department of Chemistry, Kongu Engineering College, successfully organized A Two-Day State Level Online Workshop on "Preparation Tips to Success CSIR-NET, GATE & SET Exams in Chemical Science" on 12th & 13th August 2021 between 10.00 a.m to 12.00 noon using Google Meet and Teachmint Platform. The Registration link used for the workshop was <https://forms.gle/iuahcedLaW36PpMk6>. The registration fee of Rs.100/- has been collected for the workshop for all category like students, faculty and research scholars etc., This workshop offered an excellent platform to the faculty, students and research scholars in

helping them to strengthen their knowledge and how to prepare for the CSIR- NET, GATE & SET Exams in Chemical Science. We invited the Resource Person **Mr.Jeeva Balakrishnan** , Head Coach, JChem Academy, Trichy. Students and few faculty have attended the workshop. Nearly 52 participants have registered in which 17% faculty members, 64% students and 19% research Scholars. We provided the certificates to the participants who have registered for the programme.

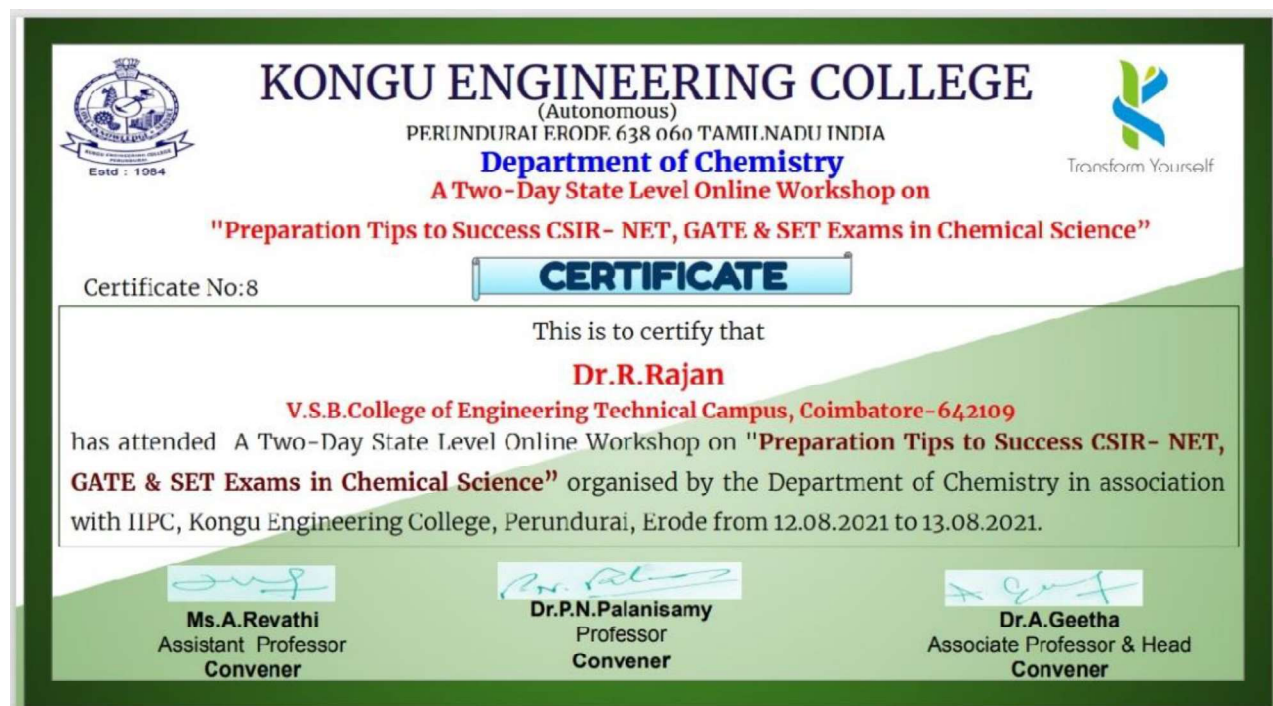
The Workshop started with the welcome address by Dr.A.Geetha, Associate Professor & Head, Department of Chemistry, Kongu Engineering College. It was followed by the introduction of resource person by Dr.P.N.Palanisamy, Professor & Head, Department of Chemistry, Kongu Engineering College. Then it was followed by the sessions given by the resource person **Mr.Jeeva Balakrishnan**, Head Coach, JChem Academy, Trichy. He has handled four sessions with the following topics on these two days.

1. Day-I on 12.08.2021 (Session-I: 10AM-11AM) with the topic
Overview and Opportunity in CSIR-NET,GATE & SET Exams
2. Day-I on 12.08.2021 (Session-II: 10AM-11AM) with the topic
Tricks & Tips to crack CSIR-NET,GATE & SET Exams
3. Day-II on 13.08.2021 (Session-I: 10AM-11AM) with the topic
Importance and Visualization of Online Exams
4. Day-II on 13.08.2021 (Session-II: 10AM-11AM) with the topic
Preparation Guidance in Chemical Science

The programme was continued by the question sessions from the participants and finally it was ended with the vote of thanks by Dr.P.N.Palanisamy, Professor & Head, Department of Chemistry, Kongu Engineering College. Exactly 52 participants have submitted the feedback and they have been issued by the participation E- certificates which was generated automatically.



Certificate for participants:



KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638060
(Autonomous)

DEPARTMENT OF CHEMISTRY

A Three-Day Virtual Faculty Development Programme
on
"Emerging Trends in Chemistry"
from 13.12.2021 to 15.12.2021

Brochure

KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI - 638 060, ERODE, TAMILNADU, INDIA
DEPARTMENT OF CHEMISTRY
A Three Day
Virtual Faculty Development Programme
on
"EMERGING TRENDS IN CHEMISTRY"
(13th to 15th December 2021)

DAY 1 (13/12/21)


Dr. A. V. Raghu
Professor & Head
Department of Chemistry
Jain University-562 112, Bangalore, India
Title: "Recent Changes in Chemistry"
Time: 12.00 noon - 1.00 pm

DAY 2 (14/12/21)


Dr. M. Senthilkumar
Assistant Professor
Department of Chemistry
NIT Kurukshetra, Haryana- 136119, India
Title: "Metal Catalysed Oxidation Reactions: A Possible Platform for Hydrogen Storage Materials"
Time: 10.00 am - 11.00 am

DAY 3 (15/12/21)


Prof. Balasubramanian K PhD(UK), C Eng(UK), FIE, FMASc
DEAN Academics
Head and Professor of Metallurgical and Materials Engineering
DIAT(DU), Ministry of Defence
Girinagar, Pune - 411 025, Maharashtra, India
Title: "Effects of Microplastic in Aquatic System"
Time: 10.00 am - 11.00 am

Platform : Google Meet

Registration Link :
<https://forms.gle/CAzvMU2wuofsbghs6>

No Registration Fee
E-Certificates will be provided

Convener
Dr. A. GEETHA
Associate Professor & Head
Department of Chemistry

Co-Convener
Ms. A. Revathi
Assistant Professor
Department of Chemistry

Name List of Participants:

KONGU ENGINEERING COLLEGE,PERUNDURAI,ERODE-638 060		
DEPARTMENT OF CHEMISTRY		
A Three Day Virtual Faculty Development Programme on "Emerging Trends in Chemistry"		
Date:13.12.2021 to 15.12.2021		
Participants Details		
S.No	Name	College Name
1	Dr.A.ABDUZ ZAHIR	C. ABDUL HAKEEM COLLEGE (AUTONOMOUS)
2	Dr.ABDUL ROOUF BHAT	SRI PRATAP COLLEGE, SRINAGAR
3	SWAPAN KUMAR ACHARJEE	TANGLA COLLEGE, TANGLA
4	AFREEN BANU	ALIGARH MUSLIM UNIVERSITY
5	AHMED SAID JABOOB	DHOFAR UNIVERSITY , OMAN
6	AHAKAM HASAN	MANGALORE UNIVERSITY
7	AMBRESH REDDY	SHARNBASVA UNIVERSITY
8	AMUDHANILA P	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
9	ANANTHA KRISHNAN	URUMU DHANALAKSHMI COLLEGE
10	ANASWARA.K.S	Dr.NGP ARTS AND SCIENCE COLLEGE COIMBATORE
11	ANITA R H	FACULTY OF ENGINEERING AND TECHNOLOGY EXCLUSIVELY FOR WOMEN SHARNBASVA UNIVERSITY
12	Dr.ANITHA SUDHIR	VIDYAVARDHAKA COLLEGE OF ENGINEERING
13	ANPERASI R	MANONMANIAM SUNDARANAR UNIVERSITY
14	Dr.J.ANTONY RAJAM	ST. MARY'S COLLEGE (AUTONOMOUS)
15	S.ANU PRIYA	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
16	ARCHANA DAS	TANGLA COLLEGE
17	Dr.B.ARIFA FARZANA	JAMAL MOHAMED COLLEGE
18	Ms.S.ARUNA	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
19	AUQIB RASHID	IIIM SRINAGAR
20	BASANTA KUMAR SAHARIAH	TANGLA COLLEGE
21	P.BASKARAN.	C. ABDUL HAKEEM COLLEGE MELVISHARAM. AFFILIATE TO THIRUVALLUVAR UNIVERSITY SERKKADU.
22	B. BATHRINARAYANAN	C. ABDUL HAKEEM COLLEGE (AUTONOMOUS)
23	Dr.C.MEENAKSHI	SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN (A),MADURAI
24	MAHADEVA B K	FACULTY OF ENGINEERING AND TECHNOLOGY
25	J.M. BOSHIA	NGM COLLEGE BHARATHIYAR UNIVERSITY
26	Dr.B.SIVA SENTHIL KUMAR	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
27	D.CAROLIN JENIBA RACHEL	ST. MARY'S COLLEGE AUTONOMOUS THOOTHUKUDI
28	BHARATHI C	THE PSBB MILLENNIUM SCHOOL,
29	Mr.CHELLAPANDI SEKAR	THIRUVALLUVAR UNIVERSITY. VELLORE

30	Dr.M.DEVENDIRAN	VELS INSTITUTE OF SCIENCE TECHNOLOGY AND ADVANCED STUDIES
31	K.MOHAMMED REHAN	C. ABDUL HAKEEM COLLEGE (AUTONOMOUS)
32	Dr.T.CHINNAMANI	ARIGNAR ANNA GOVT ARTS COLLEGE NAMAKKAL TAMILNADU INDIA
33	Dr.C.KAVITHA	BANNARI AMMAN INSTITUTE OF TECHNOLOGY
34	D.SUDHA	KPR INSTITUTE OF ENGINEERING AND TECHNOLOG
35	Dr.M.RUKMANGATHAN	ARASU ENGINEERING COLLEGE
36	DEEPIKA	SHRI SHANKARACHARYA COLLEGE OF PHARMACEUTICAL SCIENCE
37	Dr.G.J.DEEPARIANI	K.L.N.COLLEGE FOR ENGINEERING
38	VALARMATHI. S	GOVERNMENT ARTS COLLEGE FOR WOMEN SALEM
39	A.DEVI	V.O.C.COLLEGE OF EDUCATION
40	DHANDAPANI	CK COLLEGE OF ENGINEERING & TECHNOLOGY
41	DHANDAPANI ARUMUGAM	CK COLLEGE OF ENGINEERING & TECHNOLOGY
42	Dr.C.ZOZIMUS DIVYA LOBO	ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
43	DIVYA R	Dr NGP ARTS AND SCIENCE COLLEGE
44	DRISHYA B	Dr. N G P ARTS AND SCIENCE COLLEGE COIMBATORE
45	Dr.P.SARAVANAN	KINGS COLLEGE OF ENGINEERING
46	Dr.T.SURYAPRABHA	VSB COLLEGE OF ENGINEERING TECHNICAL CAMPUS COIMBATORE
47	ELANGO VAN M	INDIAN ARTS AND SCIENCE COLLEGE
48	R.EMELDA	ANNAI VELANKANNI COLLEGE
49	Dr.T.EZHILARASU	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
50	FALAK NAZ	S.P COLLEGE
51	Dr.P.GANAPATHI	MOHAMED SATHAK COLLEGE OF ARTS AND SCIENCE SOLINGA NALLUR CHENNAI-600119
52	G. DURGA DEVI	ANNA UNIVERSITY, MIT CAMPUS
53	G JAYANTHI	VIDHYA SAGAR WOMEN'S COLLEGE, CHENGALPATTU
54	E.GLORY ARUL BLESSY	MANONMANIAM SUNDARNAR UNIVERSITY TIRUNELVELI
55	Dr.M.GOMATHI	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
56	Dr.K.GOPI	PAAVAI ENGINEERING COLLEGE
57	VINOTH KUMAR.B	Dr N.G.P ARTS AND SCIENCE COLLEGE
58	G V R SAI MADHUKAR	SRR GOVERNMENT ARTS AND SCIENCE COLLEGE,
59	HANSARAJ UDHAVRAO JOSHI	SWA. SAWARKAR MAHAVIDYALAYA, BEED
60	R.HARI KEERTHANA	MANONMANIAM SUNDARANAR UNIVERSITY
61	Dr.G.HEMA SINDHUJA	JAMAL MOHAMED COLLEGE
62	Dr.KRISHNAKUMAR P	RATHINAM TECHNICAL CAMPUS
63	Dr.V.SURESHKUMAR	KINGS COLLEGE OF ENGINEERING
64	Dr.S.HOSIMIN	BHARATHIDASAN UNIVERSITY
65	IMRANA PARVEEN S	Dr.N.G.P ARTS AND SCIENCE COLLEGE
66	Dr.KALPESH ANIL ISAI	R C PATEL INSTITUTE OF TECHNOLOGY SHIRPUR MAHARASHTRA
67	R.ISWARYA	K.L.N COLLEGE OF ENGINEERING
68	Dr.J.DHANALAKSHMI	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
69	Dr.JAIDEV KUMAR	TRIDEV COLLEGE OF EDUCATION MUZAFFARNAGAR
70	JAYASHREE R	MANGALORE UNIVERSITY
71	Dr.KALITHASAN N	AVS COLLEGE OF ARTS AND SCIENCE

72	Dr.K.ANVER BASHA	C. A. H. COLLEGE
73	Dr.KAPIL GULATI	DYAL SINGH COLLEGE, KARNAL
74	Mrs.A.ADHILAKSHMI	KRISHNASAMY COLLEGE OF SCIENCE ARTS AND MANAGEMENT FOR WOMEN CUDDALORE
75	Dr.N.S.KARTHIKEYAN	EASWARI ENGINEERING COLLEGE
76	KAVITHA J	JAI SHRIRAM ENGINEERING COLLEGE
77	S.KAVITHA	ST.XAVIER'S COLLEGE
78	Dr.A.KANCHANADEV	SHREE VENKATESHWARA ARTS & SCIENCE (CO-EDUCATION) COLLEGE
79	KEERTHANA P	Dr. N G P ARTS AND SCIENCE COLLEGE COIMBATORE
80	D.KIRUTHIGA DEVI	VSB COLLEGE OF ENGINEERING TECHNICAL COIMBATORE
81	Dr.M.KIRUTHIKA	ARIGNAR ANNA GOVERNMENT ARTS COLLEGE, MUSIRI-621211
82	Dr. A. KOSIHA	VELS INSTITUTE OF SCIENCE TECHNOLOGY AND ADVANCED STUDIES
83	MRS.KRISHNAVENI K	KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE
84	YOGHANANTHAN K	KONGU ENGINEERING COLLEGE
85	LAXMI RAO	SSCPS
86	S.LOGUCHANDRU	DR NGP ARTS AND SCIENCES COLLEGE COIMBATORE
87	R.LOKESH	CBM COLLEGE
88	Dr.S.LUNA EUNICE	KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY
89	Dr.F.M.MASHOOD AHAMED	JAMAL MOHAMED COLLEGE (AUTONOMOUS)
90	MAGESH.K	Dr.N.G.P ARTS AND SCIENCE COLLEGE
91	MAGESH P	PACHAIYAPPAS COLLEGE
92	Dr.K.MAHMOODAH PARVEEN	JAMAL MOHAMED COLLEGE
93	R. MANASHVINI	Dr. N. G. P. ARTS AND SCIENCE COLLEGE
94	VIKRAM R	Dr.N.G.P. ARTS AND SCIENCE COLLEGE
95	M.MANGALAM	RAJAH SERFOJI GOVERNMENT COLLEGE
96	Dr.A.MANO PRIYA	PSGR KRISHNAMMAL COLLEGE FOR WOMEN
97	USHA RANI M C	JSS COLLEGE, OOTY ROAD, MYSORE
98	MOHAMED ASHFAQUE P	C. ABDUL HAKEEM COLLEGE, MELVISHARAM
99	Dr.G.MANIMEGALAI	RAJAH SERFOJI GOVERNMENT COLLEGE(A) THANJAVUR-613005
100	MD FURQAAN V	C.ABDUL HAKEEM COLLEGE (AUTONOMOUS)
101	M.MOHANAPRIYA	NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)
102	KARTHIKEYAN C	ARASU ENGINEERING COLLEGE, KUMBAKONAM
103	Dr.M.RAJAKOHILA	SRI PARAMAKALYANI COLLEGE
104	Dr.M.SUBRAMANIAN	H.H.THE RAJAH'S COLLEGE (AUTONOMOUS), PUDUKKOTTAI
105	M.S.SHIVASWAMY	KONGU ENGINEERING COLLEGE
106	Dr.N.MUJAFARKANI	JAMAL MOHAMED COLLEGE
107	S.MUNISHKUMAR	Dr.N.G.P. ARTS AND SCIENCE COLLEGE
108	Dr.A.MUSHIRA BANU	JAMAL MOHAMED COLLEGE
109	Dr.NAMITHA R	RSMSNDP YOGAM ARTS AND SCIENCE COLLEGE. KOYILANDY
110	R.NAVEENKUMAR	NGM COLLEGE ,POLLACHI
111	C.NIRMALA RANI	ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-1
112	SREENISA. S	NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

113	K.NITHYA	BHARATHIAR UNIVERSITY
114	NOORUDEEN P	C.ABDUL HAKEEM COLLEGE
115	NOWSHEEN KHURSHEED	UNIVERSITY OF KASHMIR
116	Dr.N.REVATHI	RAMCO INSTITUTE OF TECHNOLOGY
117	Dr.R.RAMESH	SONA COLLEGE OF ARTS AND SCIENCE
118	Dr.P.CHAKKARAVARTHY	GOVERNMENT THIRUMAGAL MILLS COLLEGE ROAD
119	Dr.PARVATI S G	SHARNBASVA UNIVERSITY KALABURAGI KARNATAKA INDIA
120	MRS. R. PARVEEN BANU	JAMAL MOHAMED COLLEGE,
121	PAULRAJ P	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
122	PAVITHRA D	PON KALIAMMAN COLLEGE OF EDUCATION
123	PERUMAL R	C. ABDUL HAKEEM COLLEGE(AUTONOMOUS)
124	PRANAMIKA GOSWAMI	TANGLA COLLEGE, TANGLA
125	Dr.PIYUSH GUPTA	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY DELHI-NCR CAMPUS MODINAGAR
126	Dr.R.PRAKASH	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
127	Dr.G.PADMAPRYA	BIHER - FACULTY OF ARTS AND SCIENCE
128	PRIYADHARSHINI K	Dr.N.G.P ARTS AND SCIENCE COLLEGE
129	Dr.B.PRAKASH	RATHINAM COLLEGE OF ARTS AND SCIENCE
130	PRANAMIKA GOSWAMI	TANGLA COLLEGE;TANGLA
131	PRANESH B	Dr.N.G.P ARTS AND SCIENCE COLLEGE
132	PRAVEENA R	BANNARI AMMAN INSTITUTE OF TECHNOLOGY, SATHYAMANGALAM
133	Mrs. N. PUNITHA	RAJAH SERFOJI COLLEGE (AUTONOMOUS), THANJAVUR-05.
134	Dr.HUMAIRA QADRI	SRI PRATAP COLLEGE, CLUSTER UNIVERSITY SRINAGAR
135	RACHEL ANGELINE. L	DHANALAKSHMI SRINIVASAN ARTS AND SCIENCE COLLEGE
136	Dr.S.MOHAMED RABEEK	JAMAL MOHAMED COLLEGE (AUTONOMOUS)
137	RAFIA BASHIR	S. P. COLLEGE SRINAGAR
138	M.RAGAVI	KONGU ENGINEERING COLLEGE
139	Mr.S.RAJA	MUTHURANGAM GOVT.ARTS COLLEGE, VELLORE-02
140	RAJESH S	CMS COLLEGE OF ENGINEERING AND TECHNOLOGY
141	JADHAV RAJPAL LALSING	SWA.SAWARKAR ARTS,SCIENCE AND COMMERCE COLLEGE BEED
142	Dr.V.RAMASAMY RAJA	MANNAR THIRUMALAI NAICKER COLLEGE
143	S.PRAVEENA	ERODE ARTS AND SCIENCE COLLEGE
144	RESHMI ELSA JOSEPH	NALLAMUTHU GOUNDER MAHALINGAM COLLEGE,POLLACHI.
145	RITHIK KUMAR R	MANONMANIAM SUNDARANAR UNIVERSITY
146	Dr.RITU SAHARAN	UNIVERSITY OF RAJASTHAN, JAIPUR
147	Dr.R.MAHALAKSHMY	THIAGARAJAR COLLEGE
148	RUBESH ASHOK KUMAR S	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
149	RUHEENA TABASUM	SRI PRATAP COLLEGE SRINAGAR JAMMU AND KASHMIR
150	SYEDAH NOORUL SABAH ANDRABI	SP COLLEGE SRINAGAR,J&K
151	Dr.DHONDIRAM TUKARAM SAKHARE	SHIVAJI ART'S, COMM. & SCIENCE COLLEGE KANNAD DIST. AURANGABAD MAHARASHTRA
152	M.SAKTHIMEENA	M.S UNIVERSITY

153	SAMBHAJI MAHIPATI KALE	NEW ARTS COMMERCE AND SCIENCE COLLEGE PARNER
154	Dr.A.SAMSATHBEGUM	JAMAL MOHAMED COLLEGE
155	S SANTHIYA	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
156	PROF.P.SANGEETHA	RAJAH SERFOJI GOVERNMENT COLLEGE (A), THANJAVUR
157	SARAVANAKUMAR P	SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
158	Dr.S.SASIKALA	VIVEKANANDA COLLEGE OF ARTS AND SCIENCE FOR WOMEN
159	SASI V	Dr.N.G.P ARTS AND SCIENCE COLLEGE, COIMBATORE
160	SATHAMRAJA A	BHARAT INSTITUTE OF ARTS AND SCIENCE
161	SATHISH KUMAR S	SRM UNIVERSITY
162	SARATH S	KONGU ENGINEERING COLLEGE
163	Dr.R.SELVARAJ	ARUNAI ENGINEERING COLLEGE
164	Dr.V.SELVARANI	MOHAMED SATHAK COLLEGE OF ARTS AND SCIENCE
165	SHANAVAZ H	JAIN UNIVERSITY
166	Dr. SHRENI BHADAURIA	DAVV, CCPS
167	KAMESWARI DEVI S.H	SJCE,JSSSTU
168	Dr.M.SIVAKAVINESAN	MANONMANIAM SUNDARANAR UNIVERSITY
169	S. MOGANAPRIYA	D.K.M COLLEGE FOR WOMEN
170	SANJEEB LIMBU	NORTH EASTERN HILL UNIVERSITY, SHILLONG
171	D.LUCKYSONIYA	CBM COLLEGE
172	Dr.B. SOWJANYA	SRKIT ENGINEERING COLLEGE, ENIKEPADU
173	SOWMICA C	Dr.NGP. ARTS AND SCIENCE COLLEGE COIMBATORE
174	Dr. A. PONSANKAR	SRI PARAMAKALYANI COLLEGE
175	RENUPRIYA	Dr.N.G.P ARTS AND SCIENCE COLLEGE
176	Dr.S.SAMINATHAN	SAKTHI POLYTECHNIC COLLEGE
177	MS SUJITHRA Y	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN VANIYAMBADI
178	MEENA .S	JAYARAJ ANNAPACKIYAM COLLEGE FOR WOMEN, PERIYAKULAM
179	SURIYA PRAKASH.S	MAHENDRA ARTS AND SCIENCE COLLEGE
180	K.SUVATHIKA	ARIFA INSTITUTE OF TECHNOLOGY
181	SWATHI THUMULA	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
182	TABASUM ISMAIL	SRI PRATAP COLLEGE, CLUSTER UNIVERSITY OF SRINAGAR
183	TAMILSELVI D	RATHINAM TECHNICAL CAMPUS
184	THAMAYANTHI G	Dr.NGP ARTS AND SCIENCE COLLEGE
185	R.THENMOZHI	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
186	Er. DEEPAK TIWARI	SSIPMT, RAIPUR
187	T.PARIMALA	ARASU ENGINEERING COLLEGE,KUMBAKONAM
188	Dr.S.UDAYAKUMAR	KINGS COLLEGE OF ENGINEERING
189	ANITHA.M	RAJAH SERFOJI GOVERNMENT COLLEGE,THANJAVUR
190	Dr. R VASANTHA JOTHI	PSG POLYTECHNIC COLLEGE
191	Dr.M.VAIRALAKSHMI	V.V.VANNIAPERUMAL COLLEGE FOR WOMEN
192	Dr.S.VALLIAMMAI	Dr.M.G.EDUCATIONAL AND RESEARCH INSTITUTE
193	Mr. M. VARUSAI MOHAMED	JAMAL MOHAMED COLLEGE (AUTONOMOUS)
194	D VASVINI MARY	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
195	BINDU PAVAN V	JNN COLLEGE OF ENGINEERING

196	BRINDHA V	VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN
197	Dr. V .DHANAPAL	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
198	Dr. R. BABHU VIGNESH	SETHU INSTITUTE OF TECHNOLOGY
199	Dr.VIDHI GROVER	SETH JAI PARKASH POLYTECHNIC
200	MS.A.VIJAYALAKSHMI	KLN COLLEGE OF ENGINEERING
201	M. VINITHA	CBM COLLEGE,KOVAIPUDUR
202	V KANDAVELU	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
203	Dr.B.SRIVIDHYA	K S RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE
204	Dr. V. RAJAPANDIAN	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
205	Er. VAISHALI SAHU	SSIPMT,RAIPUR
206	KEERTHIGA V S	Dr.N.G.P. ARTS AND SCIENCE COLLEGE
207	Mrs.K.SARAVANADEVI	ST.MARY'S COLLEGE (AUTONOMOUS)
208	Mr.ZAKIRULLAH.S	ISLAMIAH COLLEGE (AUTONOMOUS)

166	Dr. SHRENI BHADAURIA	DAVV, CCPS
167	KAMESWARI DEVI S.H	SJCE,JSSSTU
168	Dr.M.SIVAKAVINESAN	MANONMANIAM SUNDARANAR UNIVERSITY
169	S. MOGANAPRIYA	D.K.M COLLEGE FOR WOMEN
170	SANJEEB LIMBU	NORTH EASTERN HILL UNIVERSITY, SHILLONG
171	D.JUCKYSONIYA	CBM COLLEGE
172	Dr.B. SOWJANYA	SRKIT ENGINEERING COLLEGE, ENIKEPADU
173	SOWMICA C	Dr.NGP. ARTS AND SCIENCE COLLEGE COIMBATORE
174	Dr. A. PONSANKAR	SRI PARAMAKALYANI COLLEGE
175	RENUPRIYA	Dr.N.G.P ARTS AND SCIENCE COLLEGE
176	Dr.S.SAMINATHAN	SAKTHI POLYTECHNIC COLLEGE
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188	Dr.S.UDAYAKUMAR	KINGS COLLEGE OF ENGINEERING
189	ANITHA.M	RAJAH SERFOJI GOVERNMENT COLLEGE,THANJAVUR
190	Dr. R VASANTHA JOTHI	PSG POLYTECHNIC COLLEGE
191	Dr.M.VAIRALAKSHMI	V.V.VANNIAPERUMAL COLLEGE FOR WOMEN
192	Dr.S.VALLIAMMAI	Dr.M.G.EDUCATIONAL AND RESEARCH INSTITUTE
193	Mr. M. VARUSAI MOHAMED	JAMAL MOHAMED COLLEGE (AUTONOMOUS)
194	D VASVINI MARY	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
195	BINDU PAVAN V	JNN COLLEGE OF ENGINEERING
196	BRINDHA V	VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN
197	Dr. V .DHANAPAL	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
198	Dr. R. BABHU VIGNESH	SETHU INSTITUTE OF TECHNOLOGY
199	Dr.VIDHI GROVER	SETH JAI PARKASH POLYTECHNIC
200	Ms.A.VIJAYALAKSHMI	KLN COLLEGE OF ENGINEERING
201	M. VINITHA	CBM COLLEGE,KOVAIPUDUR
202	V KANDAVELU	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
203	Dr.B.SRIVIDHYA	K S RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE
204	Dr. V. RAJAPANDIAN	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
205	Er. VAISHALI SAHU	SSIPMT,RAIPUR
206	KEERTHIGA V S	Dr.N.G.P. ARTS AND SCIENCE COLLEGE
207	Mrs.K.SARAVANADEVI	ST.MARY'S COLLEGE (AUTONOMOUS)
208	Mr.ZAKIRULLAH.S	ISLAMIAH COLLEGE (AUTONOMOUS)

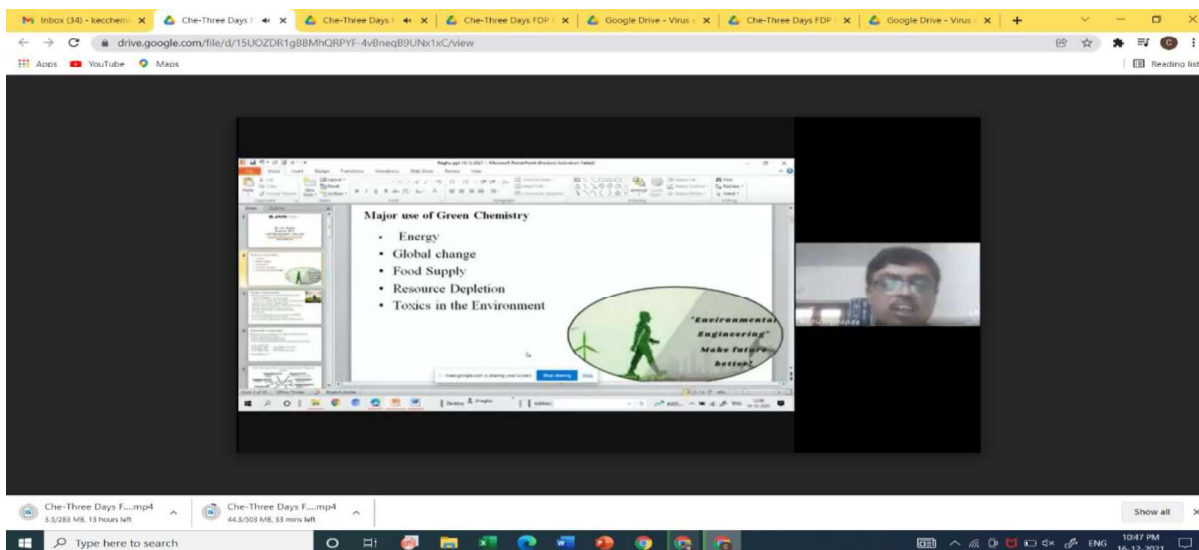
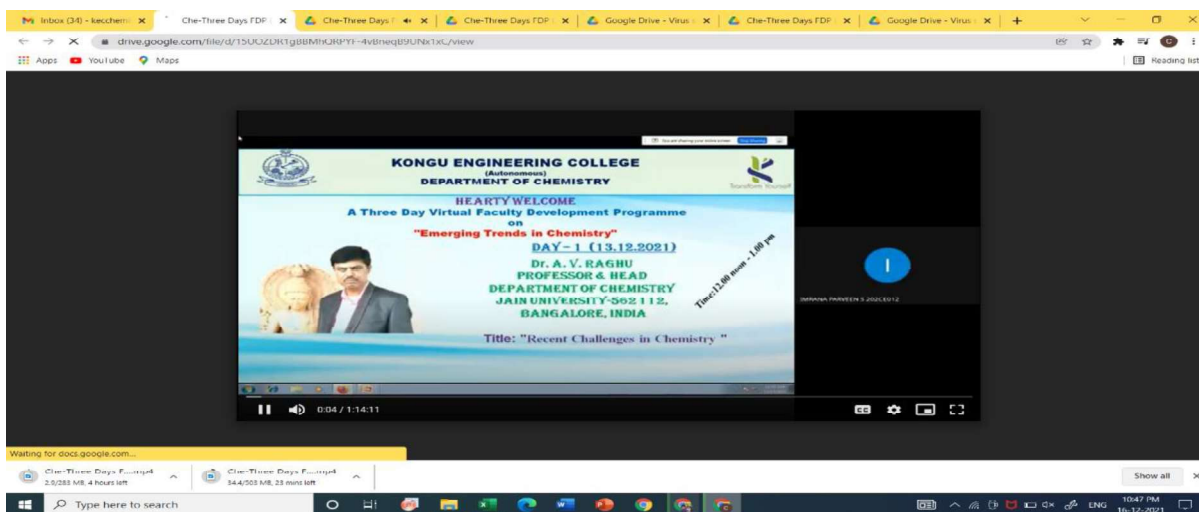
Surf

X-Gen

FDP Photos on Day-I

Video Link:

<https://drive.google.com/file/d/15UOZDR1gBBMhQRPYF-4vBneqB9UNx1xC/view?usp=sharing>



meet.google.com/vya-ggdw-dnx?pli=1&authuser=0

Raghu Anjanapura is presenting

Microsoft PowerPoint (Product Activation Failed)

Advisory Board in Wiley Journal: **Energy Science & Engineering IF: 4.170**
EDITORIAL ADVISORY BOARD in Wiley Journal: **Polymers for Advanced Technologies IF: 3.665**
 Associate Editor in Springer Journals: **Applied Nanoscience: impact factor: 3.674**,
Editors: Journal of Nanoparticle Research, IF: 2.253
 Associate Editor: **Nano Select, Wiley journal Nano Select (wiley.com)**
Editors: Nanotechnology for Environmental Engineering, IF: 2.45
Materials Science for Energy Technologies Editorial Board (keaiublishing.com) Elsevier
 Editor in Green Materials IF: **2.018**.
Editorial Board Member in Discover Materials IF: **3.91**
 Academic Editor: **Advances in Materials Science and Engineering, IF: 1.726**

Arifa Farzana was not allowed to join this meeting

12:54 PM | Che-Three Days FDP

28°C

12:54 PM 13-12-2021

drive.google.com/file/d/1SUOZDR1g88MhQRPF-4yBneqB9UNx1xC/view

Analyze search results

Document title	Authors	Year	Source	Cited by
Adaptation of amine on graphene oxide, reduced graphene oxide, and Boron Nitride nanocomposites	Umayagiri, V., Pat, A., Bhaskar, S., J., J., Bhaskar, S., Chakrapany, A.P.	2022	ResearchGate Research in Applied Chemistry (RAC) ap 4096-4098	8
Controlled neighborhood degree sum based topological identification of graphene structures	Ravi, V., Deekara, S.	2022	ResearchGate Research in Applied Chemistry (RAC) ap 7033-7034	8

Che-Three Days F...mp4 2.9/283 MB, 12 hours left

Che-Three Days F...mp4 53.9/502 MB, 1 hour left

10:48 PM 16-12-2021

drive.google.com/file/d/1SUOZDR1g88MhQRPF-4yBneqB9UNx1xC/view

Che-Three Days FDP (2021-12-12 at 22:22 GMT-8)

The decks, fence, stepping stones, house shingles, and the sweat shirt, were all made from recycled plastic

Che-Three Days F...mp4 2.9/283 MB, 12 hours left

Che-Three Days F...mp4 51.9/502 MB, 36 mins left

10:48 PM 16-12-2021

FDP Photos on Day-II

Video link:

<https://drive.google.com/file/d/1RBa3aRglmZLsXV2Gz-hEuIKSLVXUTpmQ/view?usp=sharing>

A screenshot of a Google Meet window titled "Meet - Che-Three Days FDP". The browser address bar shows the URL: `meet.google.com/vya-ggdw-dnx?pli=1&authuser=0`. The main video feed shows a man, Senthil Kumar M, smiling. A notification bubble in the center says "Someone wants to join this call" with the name "Theni Mouchi (outside Kongu Engineering College)" and buttons for "Deny entry" and "Admit". On the right, the "In-call messages" panel is open, showing a list of messages from participants like Sagar Patil, pichu ammal, SOWMICA C 202CE035, Pravee 31, and Hema Sindhuja. The bottom toolbar includes icons for chat, share screen, and other meeting controls. The system tray at the bottom shows the time as 10:58 AM on 14-12-2021.

A screenshot of a Google Meet window during a presentation. The main video feed displays a slide titled "Experiment to Prove the Evolution of Hydrogen gas during Lactone Synthesis". The slide contains two chemical reactions: (a) 1,5-pentanediol reacting with 10 mol% [Ru] and 25 mol% KOH in an open system at 100 °C to produce a lactone and 2H₂; (b) 1,5-pentanediol reacting with 10 mol% [Ru] and 25 mol% KOH in a closed system at 100 °C to produce a lactone and cyclohexane, with a yield of 85-93%. Below the reactions are two chemical structures of ruthenium complexes, labeled 1 and 2. The right sidebar shows a grid of participant avatars, including Ahmed Jabcoob, kavitha Gunasek..., Senthil Kumar M, Dr.S. Saminathan, Kosiha Arumugam, A GEETHA Profes..., soujanya boyyava..., 122 others, and You. The bottom toolbar and system tray are visible, showing the time as 10:55 AM on 14-12-2021.

Meet - Che-Three Days FDP

meet.google.com/vya-ggdw-dnx?pli=1&authuser=0

Apps YouTube Maps

REC Senthil Kumar M is presenting

Liquid Hydrogen Organic Carriers (LHOC)

dehydrogenation

rehydrogenation

6 H_2

6 H_2

$\text{H}_2\text{-N-ethylcarbazole}$

N-ethylcarbazole

$2 \text{ H}_2\text{B-NH}_2$

Ruthenium catalyst
Room temperature, 15 minutes

4 H_2

Liquid H_2 carriers

Industrially important products

R-NH_2 (or) $\text{R}_1\text{-NH-R}_2$ (or) $\text{R}_1\text{-CH}_2\text{-R}_2$

R-N (or) $\text{R}_1\text{-N-R}_2$ (or) $\text{R}_1\text{-C(=O)-R}_2$

$[\text{RuH}_2]$

$[\text{Ru}]$

H_2 No Acceptor

10:27 AM | Che-Three Days FDP

Type here to search

83°F

10:27 AM 14-12-2021

Participants: A GEETHA Profes..., soujanya bayyava..., Ahmed Jaboob, Mahadeva B.K, Senthil Kumar M, Yoghananthan SH, Natural and Heal..., 109 others, You

Meet - Che-Three Days FDP

meet.google.com/vya-ggdw-dnx?pli=1&authuser=0

Apps YouTube Maps

REC Senthil Kumar M is presenting

Hydrogen as Alternative Energy Source

National Hydrogen Mission (NHM)

Indian Government announced the launch of the National Hydrogen Mission (NHM) on India's 75th Independence Day, saying that the aim is to make the country a global hub for the production and export of green hydrogen.

₹800 crore to be invested on NHM between 2021 to 2024

BusinessLine

National Hydrogen Mission can reshape renewable energy future: Industry

The government had said the mission will focus on green hydrogen, which is produced using renewable energy sources.

News360

Cars That Give Out H2O Instead Of CO2? New National Hydrogen Mission Announced By PM Can Boost Climate Fight

10:17 AM | Che-Three Days FDP

Type here to search

10:17 AM 14-12-2021

Participants: A GEETHA Profes..., soujanya bayyav..., Ahmed Jaboob, Mahadeva B.K, Senthil Kumar M, Natural and Heal..., 108 others, You

People

Mute all Add people Host controls

Devi Venkat

Dhanapal Venkatachalam

Dheepa Ramesh

DIVYA R 202CE008

Divya Raja

Dr A M Painuly

Dr. Abdul Roouf

Dr. Anitha sudhir

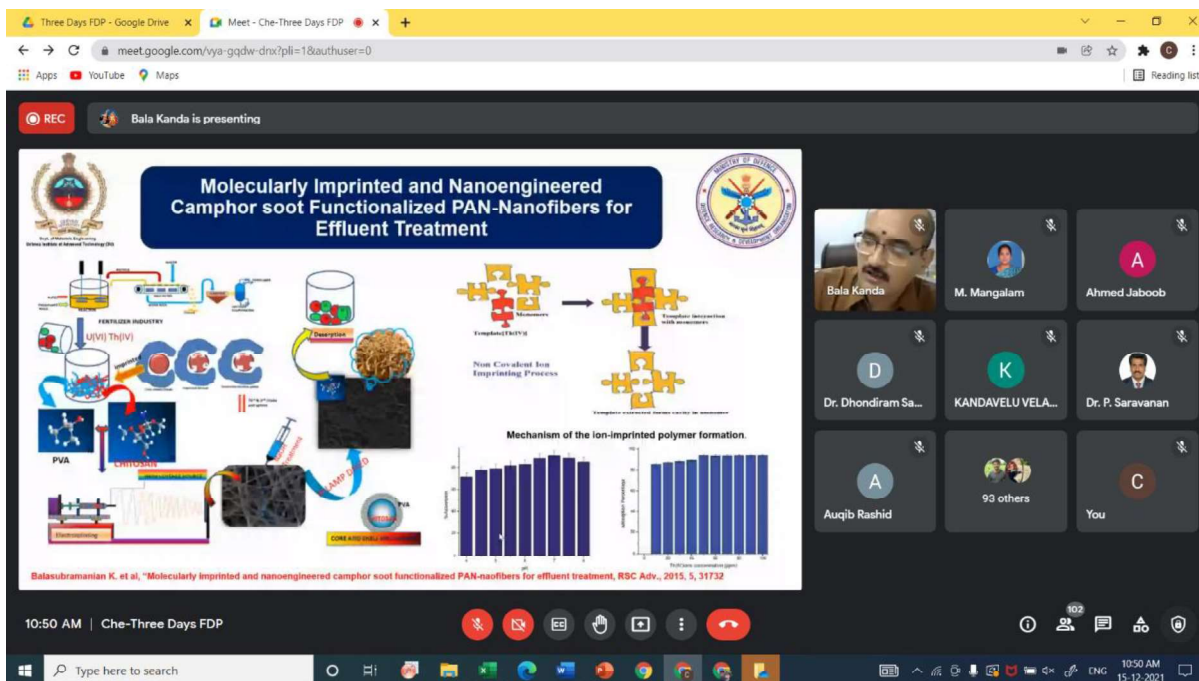
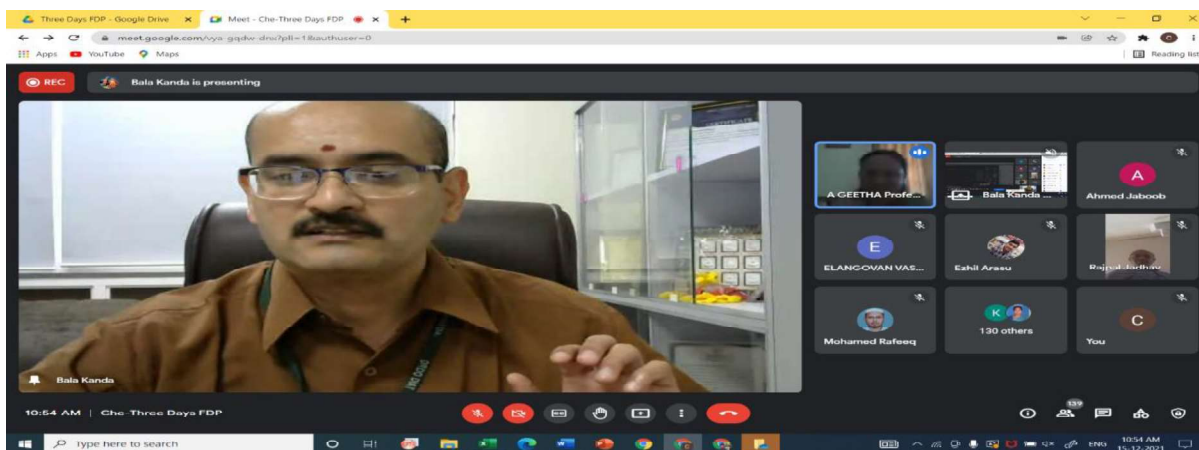
DR. DHONDIRAM THAKAR

9 of 24 - Clipboard
Item not collected: Format not supported by Office Clipboard

FDP Photos on Day-3

Video Link:

https://drive.google.com/file/d/1bG_-VR16ZseFFbJdjA8lGtTnUgRhU223/view?usp=sharing



Three Days FDP - Google Drive x Meet - Che-Three Days FDP x

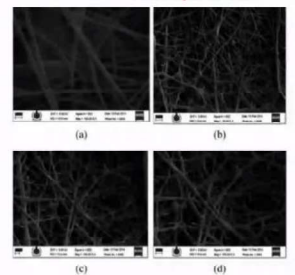
meet.google.com/vya-ggdw-dnx?pli=1&authuser=0

Apps YouTube Maps Reading list

REC Bala Kanda is presenting

Effective removal & recovery of uranium(VI) from aqueous solution using cellulose – camphor soot nanofibers

Adsorption 96%



(a) (b) (c) (d)

FESEM Images (a) cellulose electrospun fibers (b) cellulose fibers loaded with camphor soot (c and d) magnified view of CC&SF

Bar charts showing % Adsorption vs. Camphor soot loading, Adsorbent dosage, and Effect of pH on adsorption.

10:44 AM | Che-Three Days FDP

Participants: Bala Kanda, M. Mangalam, Ahmed Jabboob, Nowsheen Khurs..., KANDAVELU VELA..., Dr. P. Saravanan, Selva Raj, 132 others, You.

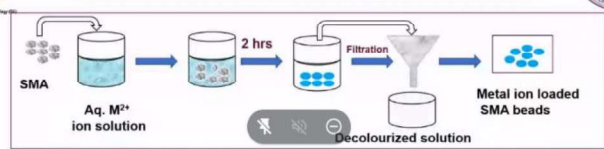
Three Days FDP - Google Drive x Meet - Che-Three Days FDP x

meet.google.com/vya-ggdw-dnx?pli=1&authuser=0

Apps YouTube Maps Reading list

REC Bala Kanda is presenting

SMA polymer beads for removal of metal ions and dye



SMA Aq. M^{2+} ion solution 2 hrs Filtration Metal ion loaded SMA beads Decolorized solution

- Uptake of metal ions [Cu^{2+} , Ni^{2+} , Co^{2+} , Zn^{2+} , Au^{3+}] from aqueous solution (70%, 60%, 61%, 75%, 85%) - Quantified to 2 minutes
- Batch Process
- Parameters affecting the adsorption
 - Solution pH
 - Metal ion concentration

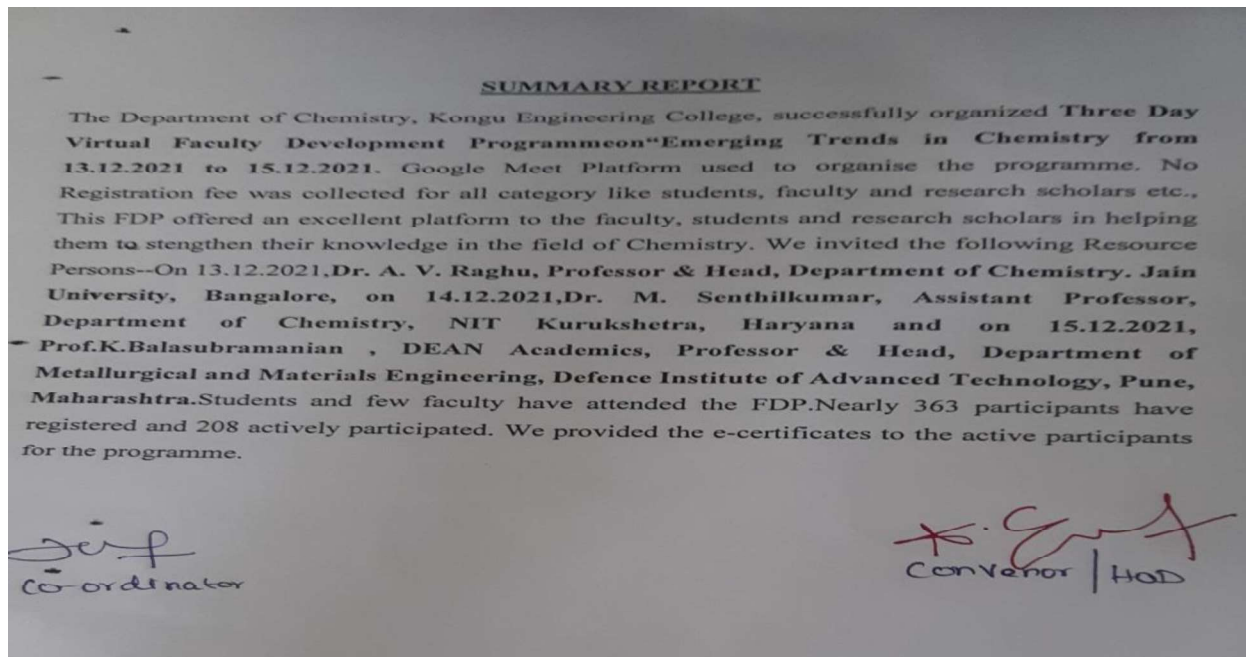
parvati goudgaon has left the meeting

Images showing SMA beads, Cu^{2+} -SMA, Ni^{2+} -SMA, and Co^{2+} -SMA.

10:41 AM | Che-Three Days FDP

Participants: Bala Kanda, M. Mangalam, Ahmed Jabboob, Dr. Dhondiram Sa..., KANDAVELU VELA..., Dr. P. Saravanan, Nowsheen Khurs..., 129 others, You.

SUMMARY REPORT



Certificate for Participants:





KONGU ENGINEERING COLLEGE

(Autonomous)
PERUNDURAI ERODE 638 060 TAMILNADU INDIA



Department of Chemistry
A Three Day Virtual Faculty Development Programme on
"Emerging Trends in Chemistry"

Certificate No:209

CERTIFICATE

This is to certify that

Mr.ZAKIRULLAH.S
ISLAMIAH COLLEGE (AUTONOMOUS)

has attended A Three Day Virtual Faculty Development Programme on **"Emerging Trends in Chemistry"** organised by the Department of Chemistry, Kongu Engineering College, Perundurai, Erode from 13.12.2021 to 15.12.2021.

Ms.A.Revathi
Assistant Professor
Co-Convener

Dr.A.Geetha
Associate Professor & Head
Convener



KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE – 638 060

DEPARTMENT OF CHEMISTRY

**DAE-BRNS Sponsored One Day National Seminar on
"RECENT APPLICATIONS OF NANOMATERIALS FOR POLLUTION
ABATEMENT" (RANPA-2022)**

Sanction Order

Submitted *For kind Information*
P.N. Palanisam
8.2.22 *X. G. S. 8/2/22*

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Shri S. Pramanik
Programme Officer (WWM)

BRNS Secretariat, 316-C,
CFB,
BARC, Trombay,
Mumbai-400085.
Phone: +91-2225593707
Email:
pramaniks@barc.gov.in

No: 56/17/09/2021-BRNS/ 11081 Date: 01/02/2022

OFFICE MEMORANDUM

Sub: Recent Applications of Nanomaterials for Pollution Abatement (RANPA-22) to be held during 24.02.2022 at Sir C.V. Raman Seminar Hall School of Science and Humanities Department of Chemistry Kongu Engineer - Dr.P.N.Palanisam, Assistant Professor, Department of Chemistry, Kongu Engineering College, Perundurai Erode, Tamil Nadu, 638060. under WWM, BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the sanction of the President of India, to incur an expenditure not exceeding Rs. 25,000/- (Rupees twenty five thousand only) for the organization of captioned event.

- The expenditure involved is debitable to: 03 3401 00 004 27 0231
- I am also pleased to convey the sanction of the President of India to incur an expenditure of Rs.16,667/- (Rupees sixteen thousand six hundred sixty seven only) as the first installment of the total amount sanctioned.
- This is issued with the concurrence of the competent authority in the Department.

Shri S. Pramanik
Shri S. Pramanik

Pay & Accounts Officer, DAE, Mumbai-400 001.

Copy to:

- Director of Audit (Scientific Department), AEAP, OYC, CSM Marg, Mumbai-400 001.
- Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
- Dr.P.N.Palanisam, Assistant Professor, Department of Chemistry, Kongu Engineering College, Perundurai Erode, Tamil Nadu, 638060.

(A) As per the Government of India order all Banners/ Posters/ Pamphlets/ Invitation Cards, etc. should have been bilingual (Hindi and English).
(B) The fund will be paid subject to full utilisation of the amount by the agency in two instalments as detailed below:
(i) First installment: Two-third of the amount sanctioned is being released as the 1st installment of Rs.16,667/- along with this sanction letter. The amount would be credited electronically to A/C No: 1247155000001832, A/C

156015

Submitted to the Principal for kind information.

Chemical

Ar. D.
5/5/22

5/5/22



Letter Id: 1895

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Shri S. Pramanik
Programme Officer (WWM)

BRNS Secretariat, 316-C, CFB,
BARC, Trombay, Mumbai-400085.
Phone: +91-2225593707
Email: pramaniks@barc.gov.in

5.5.22

No: 56/17/09/2021-BRNS 10108

Date: 21 APR 2022

Sub: Forwarding of bill/s to Accounts

Bill No	DATE	Amount	In Favour of
17010	21/04/2022	8333	A/C No: 1247155000001832, A/C Name: Kongu Engineering College- Grants, IFSC: KVBL0001247, The Karur Vysya Bank Ltd, KEC Nagar Branch, Perundurai-638 060, Erode Dt, Tamilnadu, India

Full particulars of the bill/s

Recent Applications of Nanomaterials for Pollution Abatement (RANPA-22)
2nd installment

Encl: Bill/s.

Ar. D.
21/4/22
Shri S. Pramanik

Assistant Accounts Officer, Bills-II, DAE

Copy to: ** Dr.P.N.Palanisam
Assistant Professor, Department of Chemistry, Kongu Engineering College, Perundurai Erode, Tamil Nadu, 638060.

Broucher

OBJECTIVE

Nanotechnology has gained a lot of attention in the past decades due to the unique physical properties of nanoscale materials. Nanomaterials present enhanced reactivity and thus better effectiveness when compared to their bulkier counterparts due to their higher surface-to-volume ratio. In addition, nanomaterials offer the potential to leverage unique surface chemistry as compared to traditional approaches, such that they can be functionalized or grafted with functional groups that can target specific molecules of interest (pollutants) for efficient remediation. Further, the intentional tuning of the physical properties of the nanomaterials (such as size, morphology, porosity, and chemical composition) can confer additional advantageous characteristics that directly affect the performance of the material for contaminant remediation.

The major objective of this seminar is to provide a platform for academicians, scientists, technologists, economists from academia, government and the industries to have constructive and professional debate on Nano materials for environmental cleaning applications.

RESOURCE PERSON DETAILS

1. Dr. A. SREE RAMA MURTHY
Scientific Officer - F
Novel Chemical Sensors Section
IGCAR, Kalpakam, TN.



2. Dr. A. MARY SARAL
Professor-Higher Academic Grade
School of Advanced Sciences
VIT University, Vellore, TN.



3. Dr. P. SENTHILKUMAR
Professor
Department of Chemical Engg.
SSN College of Engineering
Chennai, TN.



4. Dr. G. MANIKANDAN
Associate Professor
Department of Chemistry
Govt. Arts College
Kumbakonam, TN



ELIGIBILITY FOR PARTICIPANTS

Faculty and students from various educational institutions, industries and R & D organizations with relevant backgrounds.

BOARDING AND LODGING

Boarding and lodging will be provided to the selected candidates in the college campus and accommodation will be arranged in the campus on request with payment.

REGISTRATION FEE DETAILS

Demand Draft for Rs.200/- drawn in favor of Kongu Engineering College Grants payable at Perundurai.

(or)

NEFT Transfer is allowed to the following Account

A/C No: 1247155000001832

A/C Name: Kongu Engineering College-Grants

IFSC: KVB0001247

HOW TO APPLY

The applicants should send their applications in the specified format through the Head of the Institution/Dept. to reach us on or before 05.03.2022. If selected, they should confirm their participation in time through mail.

IMPORTANT DATES

Last date for receipt of application: 05.03.2022

Intimation of selection (email): 09.03.2022

Confirmation of participants (email): 10.03.2022

KONGU ENGINEERING COLLEGE (Autonomous)

Perundurai, Erode- 638 060, Tamil Nadu

DAE-BRNS Sponsored One Day National Seminar on

"RECENT APPLICATIONS IN NANOMATERIALS FOR POLLUTION ABATEMENT (RANPA-22)"

**11th March 2022
(Physical mode)**

APPLICATION FORM

Name :
Age :
Sex :
Designation :
Organization :
Address for
Communication (with phone no. & E-mail ID):
Mobile Number :
Need Accommodation: YES / NO
D.D. No: Date:
Name of the Bank:
Place:
Date: Signature of the participant

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the symposium. If selected, I shall attend the seminar for the whole day. I also undertake the responsibility of informing the convener if I am unable to attend the seminar.

Place :

Date : Signature of the Applicant

CERTIFICATE FROM HEAD OF THE DEPT./INSTITUTION

Mr /Ms /Dr _____ is an employee of our Institute / Organization and he / she is permitted to attend the seminar for the whole day, if selected.

Place:

Date: Signature
Head of the Institution/Department

Application form completed in all respects is to be sent to:

Dr. P. N. Palanisamy
Professor of Chemistry
Kongu Engineering College
Perundurai, Erode - 638 060, Tamil Nadu
Phone no: 9750264390, 9488644390
Email: aspavithran@gmail.com
drnp@kongu.ac.in

ABOUT THE COLLEGE

Kongu Engineering College, a leading research-oriented institution with excellent infrastructure facilities, is run by Kongu Vellalar Institute of Technology Trust (KVITT), Perundurai, Erode (TN). The Institution has a sprawling campus of 170 acres of land with a lush green landscape. The Institution has been rendering dedicated and yeoman service to the citizens of India and abroad for the past 38 years. It is an autonomous institution affiliated to Anna University. The college offers 17 UG programmes, 19 PG programmes and 16 research programmes in Engineering and Applied Sciences. It has an active industry institute partnership cell to interact with industries and also has a Technology Business Incubator (TBI), first of its kind in India, to nurture entrepreneurs in high tech areas.

ABOUT THE DEPARTMENT

The Department of Chemistry was established in 1984 and is equipped with the latest facilities and state-of-the-art infrastructure. The total faculty strength in the Department is 17, out of whom 11 are Doctorates. The Department is recognized as a Research Center and it provides research facilities leading to the award of the degree of Doctor of Philosophy. A separate research lab/testing center is established in the Department to extend its facility to nearby industries through consultancy work in the field of water testing, heavy metal determination, food analysis and to solve any of their problems. Two UGC and one DST funded research projects were completed in the department.

ABOUT THE LOCATION

The college is situated at Perundurai on the National Highway (NH 47) about 80 km from Coimbatore and 20 km from Erode.



**DAE-BRNS
Sponsored One Day
National
Seminar on**



**"RECENT APPLICATIONS OF NANOMATERIALS FOR POLLUTION ABATEMENT (RANPA-22)"
(11th March 2022)**

Convener (s)
Dr. P.N. Palanisamy
Professor
Dr. A. Geetha
Associate Professor & Head
Department of Chemistry

Co-Convener
Ms. A. Revathi
Assistant Professor

Organized by
Department of Chemistry
Kongu Engineering College
Perundurai - 638060, Erode, Tamil Nadu

E-Mail: drnp@kongu.ac.in
aspavithran@gmail.com
Website: www.kongu.ac.in



Programme Schedule

Kongu Engineering College, Perundurai, Erode-638060
Department of Chemistry

DAE-BRNS Sponsored one day National Seminar on
"Recent Applications of Nanomaterials for Pollution Abatement"
(RANPA-22)

Programme Schedule

Venue: Sir C V Raman Seminar Hall, S & H Block

Date: 11th March 2022

Time	Particulars
9:00 - 9:30 AM	Registration
9:30 - 10:45 AM	Invited Talk -I Role of Nanomaterials in Air Pollution Monitoring and Remediation Dr. A. SREE RAMA MURTHY Scientific Officer - F Novel Chemical Sensors Section IGCAR, Kalpakkam, TN
10:45 - 11:00 AM	Tea Break
11.00 - 12.15 PM	Invited Talk -II Research Aspects on the Application of hydrothermally Derived Activated Carbon Spheres for Pollution Abatement Dr.P. SENTHILKUMAR Head -Centre of Excellence in Water Research Professor Department of Chemical Engineering SSN College of Engineering Chennai, TN.
12.15 - 01: 15 PM	Invited Talk -III Nanomaterials - A Facile Tool to Mitigate Pollution Dr.G. MANIKANDAN Associate Professor Department of Chemistry Govt. Arts College Kumbakonam, TN.
01.15 - 2:15 PM	Lunch
2:15 - 3:30 PM	Invited Talk-IV Green Nanotechnology -A Novel Approach in the Synthesis of Nanomaterials Dr.A.MARY SARAL Professor-Higher Academic Grade Department of Chemistry School of Advanced Sciences VIT University,Vellore,TN.
3:30 - 3.45 PM	Tea Break
3.45 - 4:15 PM	Certificate Distribution

Registration Details Details:

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
74	Yogesh. SK	III Bsc Chemistry, Sri Vasavi college Erode		99766 87003	By cash ₹200	Yogesh
75	Yesana. P	"		90424 92232	"	P Yesana
76	Suresh. M.	"		93616 67752	"	Suresh
77	Soundharajan	"		94638 48823	"	Soundharajan
78	Janarthanan P	"		6382212 984	"	Janarthanan
79	Boopathi. P	"		63791 62410	"	Boopathi

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
68	Boopathiraja.N	III Bsc-Chemistry Sri Vasavi college, Erode		93616 36926	By cash ₹200	Boopathiraja
69	Kalaiselvan. M	"	kalaichem12 @gmail.com	93841 57814	"	M.Kalaiselvan
70	A. Mohammad Abulhasan	"		98940 63432	"	A.Mohammed Abulhasan.
71	E. Magunthan	"	magunth 2004 @gmail.com	97919 24300	"	E. Magunthan
72	Navin. B	"	navin.b 4765 @gmail.com	88837 39441	"	Navin. B
73	N. Praveen	"	praveenbsc 2019 @gmail.com	99947 20518	"	N. Praveen

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
61.	G. Manitha	III BSc chemistry Sri Vasavi college Erode	gm@gmail.com	9787526 320	By cash ₹200	G. Manitha
62.	M. Monisha	"	monishambvnl4 @gmail.com	94870 42587	"	M. Monisha
63.	G. Nithya	"	nithyachemel@ gmail.com	63830 87291	"	G. Nithya
64.	S. Nandhini	"	nandhinisaker @gmail.com	96008 50136	"	S. Nandhini
65.	S. Sibiya S	"	sobiyasasthio2 @gmail.com	99421 31839	"	S. Sibiya
67.	M. Vinodhini	"	vinodhinimithus amyoh@ gmail.com	93450 98202	"	M. Vinodhini

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
55.	Mrs. S. Thenmozhi	A/P of Chemistry Sri Vasavi college, Erode		978457293 58	By cash ₹200	M. Thenmozhi
56.	Dr. D. Ambika	Associate professor, Kongu engineering college	ambika@kongu. ac.in	75981414 92	Jothi mar ₹200	D. Ambika
57.	N. Jothilakshmi	Assistant professor, Kongu Engineering college		867539168 5	Jothimam ₹200	N. Jothilakshmi
58.	F. Alphonsa Mary	III rd year bsc. chemistry, Kongu engineering college	alphonsamary 209@gmail.com	96885235 27	By cash ₹300	F. Alphonsa
59.	Brindha. S. A	"	brindhaanand44 @gmail.com	9487185 064	By cash ₹200	S.A. Brindha
60.	Dhanyasri. S	"	dhanyachemistry 2k2@gmail.com	93612182 92	By cash ₹200	D. Dhanyasri

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
49.	Ameena Sundari P	Professor Jansons Institute of Technology, CBE			UPI Paid	Dr. P. Ameena
50.	Dr. Supriya S.	Professor Jansons Institute of technology CBE			UPI paid	Dr. Supriya S.
51.	Dr. K. Velumani	A/P in chemistry, Sri Vasavi college, Erode.			By cash	K. Velumani
52.	Dr. M. Padmapriya	"	Padmapriya2010 @gmail.com	9843033 549	By cash	M. Padmapriya
53.	Dr. V. Sivakumaran	"		9865769473	By cash	V. Sivakumaran
54.	Dr. S. Ramesh Kumar	"		9790557710	By cash	S. Ramesh Kumar

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43.	Manojanjan	I-msc. Chemistry Vellalan college for women	manojanjan 304@gmail. com	6374491774	UPI id 20675390 7556	Manojanjan
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45.	Janani S	"	jananiselvam info@gmail.com	9344041910	"	S. Janani
46.	Dhanani M	"	dhananikk12000 @gmail.com	9344831 201	"	M. Dhanani
47.	M. madhumathi	"	madhumathi 2000@gmail.com	637933 7397	"	madhumathi
48.	N. Pavithra	"	pavithranallas varm25@gmail. com	9025136 337	"	N. Pavithra

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
37.	Dr. R. kayalvizhi	Assistant professor in Chemistry, Vellalar college for women, Erode	kayalvizhi.chem@gmail.com	9600707220	UPI ID:- 206153907556	R. Kayalvizhi
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39	K.C. Anu Varshini	I-msc chemistry, Vellalar college for women	anuchandran258@gmail.com		"	K.C. Anu Varshini
40.	M. Vinutha	"	vinutha2001@gmail.com		"	M. Vinutha
41.	S. Selvaabitha	"	s.selvaabitha20@gmail.com		"	S. Selvaabitha
42.	Roshni A	"	roshniansar26@gmail.com	877899357	"	Roshni A

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
31	K. Vishalini	Student - 3 rd year BE civil engineering Kongu engineering college.	vishalinikesavan22@gmail.com	995282810	Jothi mam 194503329891 ₹200	K. Vishalini
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S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
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19	K. Aishwarya Devi	ME 1st year student, Structural engg / Civil dept Kongu Engineering College	aishwaryadevi2000@gmail.com	8210727505	By cash ₹200	Aishwarya
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21	J. Angelina Monica	ME 1st year student, Structural engg / Civil dept, Kongu Engineering College	jangelina.523@gmail.com	9444388750	UPI A/C Name Panna J ₹200	J. Angelina
22.	Dr.S. Radjaganesan	Professor Chemistry, SONA college of technology, Salem - 636005	drsradrajanesan@gmail.com	9944381825	UPI ID 206905163344 ₹200	S. Radjaganesan
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S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
13.	M. Priyanka	M.Sc. SECOND YEAR CHEMISTRY, PSGR KRISHNAMMAL COLLEGE FOR WOMEN (Student)	deepavani.s61@gmail.com	9944740542	UPI ID:- 206411835931 ₹200	
14	M. Kiruthika	MSc. Second year chemistry PSGR Krishnammal college for women, Coimbatore (Student)	Kiruthikamaniz11@gmail.com	9566520840	UPI ID:- 206411835931 ₹200	
15	M. Kalaiyaras	MSc. Second year chemistry PSGR Krishnammal college for women, Coimbatore (Student)	Kalaiyarasimohan 148@gmail.com	9360043213	UPI ID:- 206411835931 ₹200	
16	S. Preethi Manjari	MSc. Second year chemistry, PSGR Krishnammal college for women, Coimbatore Student	preethibsc34@gmail.com	9952669696	UPI ID:- 206411835931 ₹200	
17	M. Arunitha	I st ME student structural engineering/Civil Dept. Kongu Engineering College	Arunimanocharan @gmail.com	9344571511	UPI ID:- 206913507309 ₹200	
18	B. Ramgugan	I st year ME (student) structural engg Civil dept Kongu Engineering college	ramgugan@gmail.com	9553111666	UPI ID:- (Transaction id) 207017623420 ₹200	

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
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8.	Arjun . S	"	arjunarjun 280660@gmail.com	8870512668	₹200 "	
9.	Kumaresan . C	"	Kumaresan 285046@gmail.com	8838638876	₹200 "	
10.	Premkumar . D	"	dpremkumar.21.11.2000@gmail.com	9360872059	₹200 "	
11.	Mohanraj . N	"	mohanraj2557@gmail.com	9025255757	₹200 "	
12	M. Shanmuga priya	STUDENT - PG (M-TECH) FINAL YEAR, SSN ENGINEERING COLLEGE OF EC - CHENNAI	pragya121229@gmail.com	7339598373	online banking Refid:- 649573811512 ₹200	

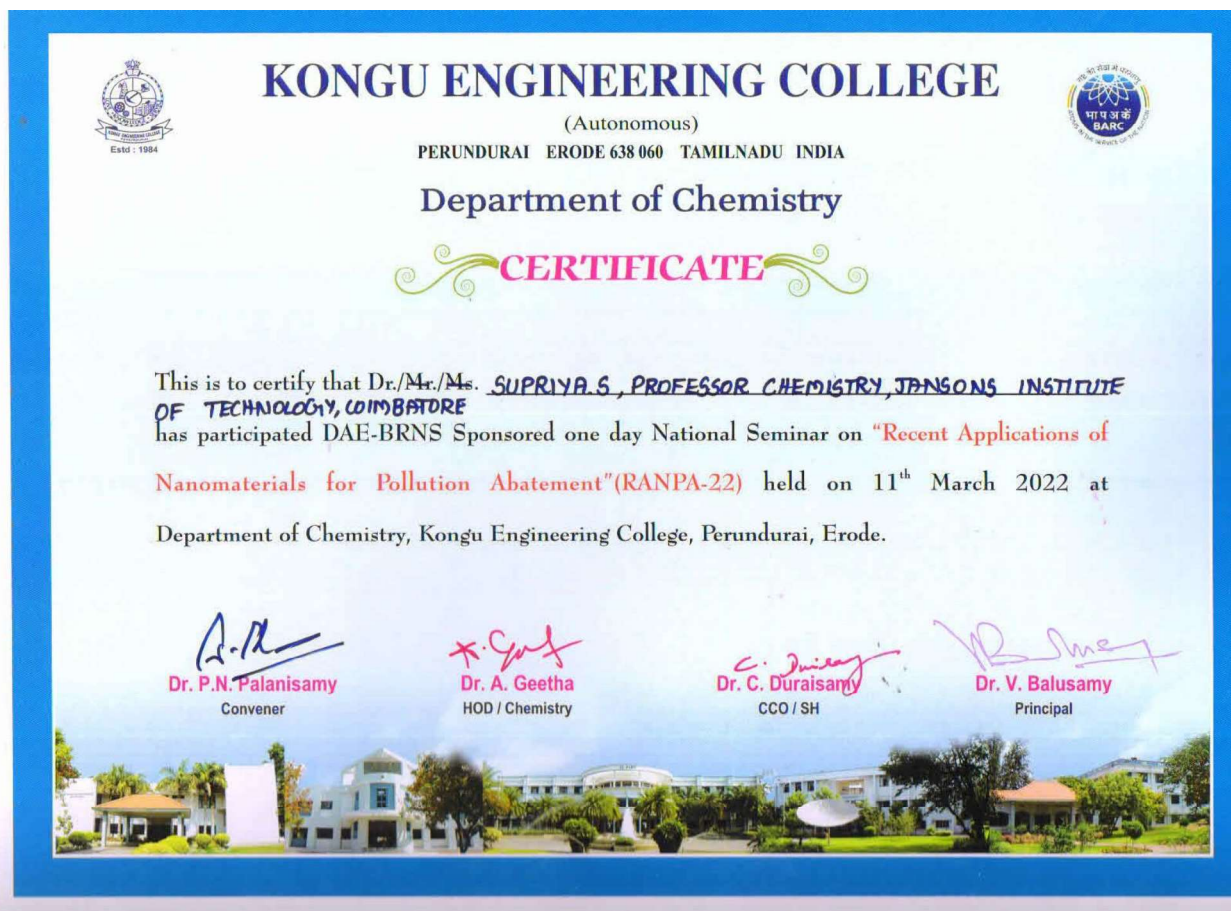
Kongu Engineering College, Perundurai, E rode-638060
Department of Chemistry

DAE-BRNS Sponsored one day National Seminar on "Recent Applications in Nanomaterials for Pollution Abatement (RANPA-2022)" -11.03.2022
Registration of Participants Details

S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
1.	KEERTHIKA.S	LECTURER, SHREE VENKATESHWARA HITECH POLYTECHNIC COLLEGE GODE	keerthikana261999@gmail.com	8838032229	By Pay UPI Id - 2068117253	
2.	MONICA SILVERAS .A	"	monica.silveras@gmail.com	9361437670	By Pay UPI Id - 2068117253	
3.	ASHWIN .M	STUDENT - DIPLOMA IN PETROCHEMICAL ENGINEERING, SHREE VENKATESHWARA HITECH POLYTECHNIC COLLEGE	ashwin.ash212@gmail.com	8754728846	By Pay UPI Id - 206627266336	
4.	Sanjeev Pandian .G	"	sanjeevpandian03@gmail.com	7397627567	By Pay UPI Id - 200	
5.	Abhishek .P	"	P.abhishek.p@gmail.com	9047172017	By Pay UPI Id - 200	
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S.No	Name of the Participant	Designation & Address for Communication	E-mail ID	Contact Number	Mode of Payment	Signature
80	A. Beepathi	III Bsc chemistry, Sri Vasavi college, Erode	-	6374731473	By cash 200	
81	Karthick rajam	"	-	6381355541	"	
66	Sugashini .D	"	sugashiniaruchun@gmail.com	6374762226	"	
82	Dr. P. Vinayaga murthy	Assistant Professor, C. Kandaswami Nadar College, Anna Nagar, Chennai - 600102	cheminm@gmail.com	978816403	UPI ID: 206374056624 200	
83	Karthik .B	Sri rasani college, Erode	-	-	200	

Certificate Model:



Summary Report:

Proforma for submitting brief reports of Seminars to be included in the News & Events Section of the BARC Newsletter

- **Name of the Seminar:** DAE-BRNS Sponsored One Day National Level Seminar On “Recent Applications of Nanomaterials for Pollution Abatement (RANPA-22)” on 11.03.2022
- **Place where the event was held:** Sir.C.V.Raman Seminar Hall,
Science and Humanities,
Department of Chemistry,
Kongu Engineering College,
Perundurai – 638 060, Erode, Tamil Nadu, India.

- **Dates/Period of the event:** 11.03.2022
- **Section/Division/Group conducting the event:** Indian Nuclear Power Programme
- **Sponsors of the event:** DAE-BRNS
- **Scientific Programme of the event (in brief 100 words):**
A One-day national seminar on DAE-BRNS Sponsored National Level Seminar on **Recent Applications of Nanomaterials for Pollution Abatement (RANPA-22)**” on 11.03.2022 with the financial support from DAE-BRNS.
The copy of session schedule is enclosed for your kind reference.
- **Highlights of the event (100 words):**

The first invited talk by **Dr. A. Sree Rama Murthy**, Scientific Officer – F, Novel Chemical Sensors Section, IGCAR, Kalpakkam, TN discussed **“Role of Nanomaterials in Air Pollution Monitoring and Remediation”** and the Sub heading are

1. Introduction to Air Pollution and Its Effects
2. Review of Nano Materials in Pollution Abatement
3. Various techniques Available in Air Pollution Monitoring and Remediation

The second invited talk was by **Dr.P. SENTHILKUMAR**, Head -Centre of Excellence in Water Research, Professor, Department of Chemical Engineering, SSN College of Engineering, Chennai, TN. He delivered a lecture on **“Research Aspects on the Application of hydrothermally Derived Activated Carbon Spheres for Pollution Abatement”**

Then it was followed by the third invited talk by **Dr.G. MANIKANDAN**, Associate Professor, Department of Chemistry, Govt. Arts College, Kumbakonam, TN. He has given an excellent lecture on **“Nanomaterials - A Facile Tool to Mitigate Pollution”**.

The fourth invited talk by **Dr.A.MARY SARA**, Professor-Higher Academic Grade, Department of Chemistry, School of Advanced Sciences, VIT University,Vellore,TN. He delivered a lecture on **“Green Nanotechnology -A Novel Approach in the Synthesis of Nanomaterials”**.

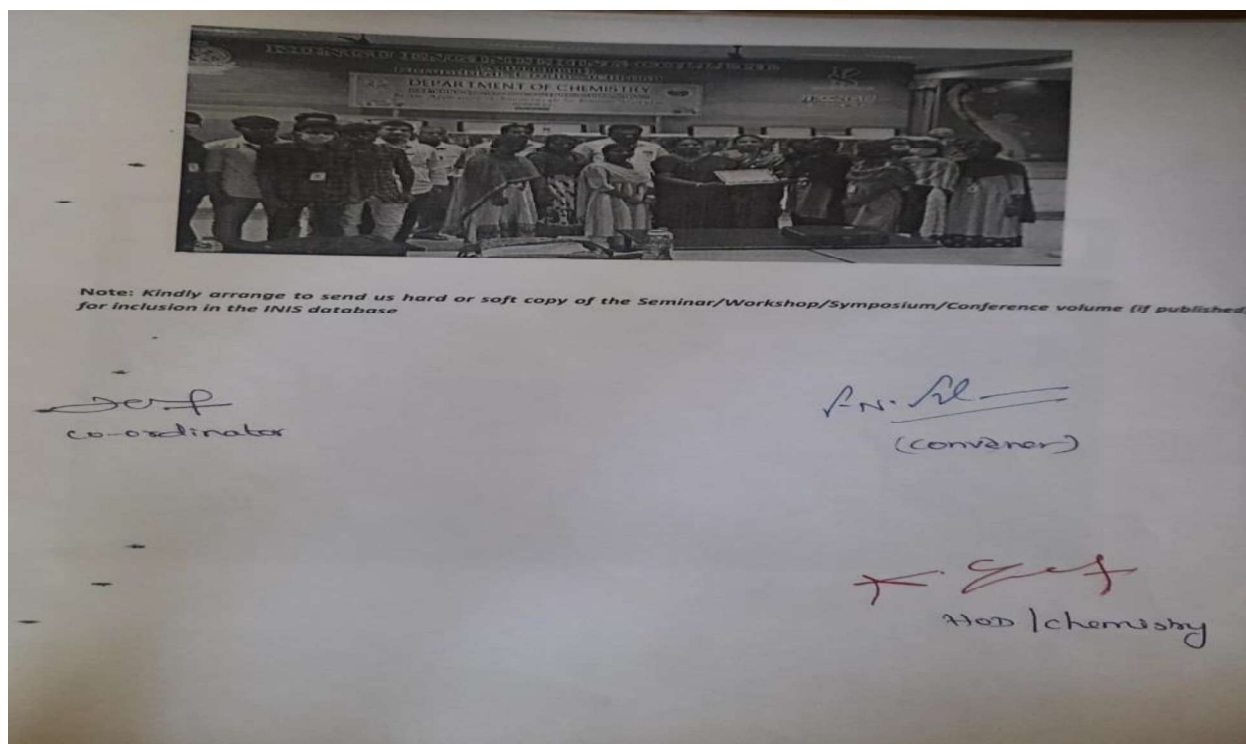
With this, the technical sessions came to an end. **Dr. A. SREE RAMA MURTHY**, Scientific Officer - F, Novel Chemical Sensors Section, IGCAR, Kalpakkam, TN, **Dr.G.MANIKANDAN**, Associate Professor, Department of Chemistry, Govt. Arts College, Kumbakonam, TN and **Dr.A.MARY SARA**, Professor-Higher Academic Grade, Department of Chemistry, School of Advanced Sciences, VIT University, Vellore, TN distributed the certificates to the participants.

Totally 84 participants from various institutions in and around Tamilnadu benefited through this seminar. We sincerely thank DAE-BRNS for financially supporting to organize the seminar on this important and fast-growing field of **“Recent Applications of Nanomaterials for Pollution Abatement”**.





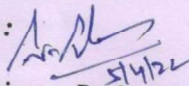
Note: Kindly arrange to send us hard or soft copy of the Seminar/Workshop/Symposium/Conference volume (if published) for inclusion in the INIS database



UTILISATION CERTIFICATE

Certified that Grant-in-aid of Rs.25000 (Rupees Twenty Five Thousand Only) was sanctioned by the **Government of India, Department of Atomic Energy, Mumbai-400 001** vide their Sanction No. 56/17/09/2021-BRNS/11081 dated 01/02/2022 and to be received for the year 2021-2022 has been utilized and there is an unutilized balance of Rs NIL of the said grant as on 11.03.2022 in respect of the Seminar "Recent Applications of Nanomaterials for Pollution Abatement (RANPA 22)" on 11.03.2022

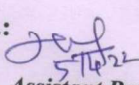
Pending the release of the 2nd installment/ full grant from BRNS, the expenditure has been managed with internal sources, which will be stand reimbursed upon receipt of the grant from BRNS.

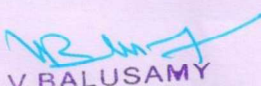
Seal & Sign. : 
Convener(s) 5/4/22
1. Dr. P.N. Palanisamy, Professor

Dr. P.N. PALANISAMY
PROFESSOR
DEPARTMENT OF CHEMISTRY
KONGU ENGINEERING COLLEGE
PERUNDURAI, ERODE-638 060.


2. Dr. A. Geetha, Associate Professor & Head

Dr. A. GEETHA
ASSOCIATE PROFESSOR & HEAD
DEPT. OF CHEMISTRY
KONGU ENGINEERING COLLEGE
THOPPUPALAYAM (Po)
PERUNDURAI, ERODE - 638 060

Seal & Sign.: 
Co-Convener 5/4/22
Mrs. A. Revathi, Assistant Professor

Seal & Sign. : 
Head of the Institution

Dr. V. BALUSAMY
PRINCIPAL
KONGU ENGINEERING COLLEGE
THOPPUPALAYAM (PO)
PERUNDURAI (TK) ERODE-638060
TAMILNADU, INDIA


9.4.22
Seal & Sign of Chartered Accountant
UDIN 22026921 AGS QMR 9815
C. VELUMANI, B.Sc., F.C.A.,
Chartered Accountant
33/1, Annamalai Layout,
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M.No: 026921.

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE
(Autonomous)
DEPARTMENT OF CHEMISTRY

INDIAN SCIENCE ACADEMIES' SPONSORED LECTURE WORKSHOP ON
"NEW VISTAS IN CHEMISTRY AND ITS APPLICATIONS"

held on 08.04.2022 & 09.04.2022

SANCTIONED LETTER

 <p>Indian Academy of Sciences, Bengaluru Indian National Science Academy, New Delhi The National Academy of Sciences India, Prayagraj</p>	SCIENCE ACADEMIES' EDUCATION PROGRAMME P.B. No. 8005, C.V. Raman Avenue, Sadashivanagar Post, Bengaluru 560 080. Telephone: (080) 2266 1207, 2266 1210, Fax: (080) 2361 6094 Email: sep@ias.ac.in Website: www.ias.ac.in
JOINT SCIENCE EDUCATION PANEL	<p>SEP/LW/Apr/2022</p> <p style="text-align: right;">20 December 2022</p> <p>Dr A. Geetha Associate Professor & Head Dept. of Chemistry Kongu Engineering College Perundurai Erode 638 060</p> <p>Sub: Virtual Lecture Workshop on "New Vistas in Chemistry and its Applications" at Kongu Engineering College, Perundurai during 08-09 April 2022.</p> <p>Dear Madam,</p> <p>Thank you for submitting the proposal for conducting the virtual Lecture Workshop on "New Vistas in Chemistry and its Applications" at Kongu Engineering College, Perundurai during 08-09 April 2022. With adherence to that the budget of Rs. 21,000/- (Rupees Twenty-one Thousand only, capital items i.e., webcam, microphone etc. will not be paid by the Academy) has been approved by the Academy.</p> <p>After the completion of the Workshop we need the following:</p> <ol style="list-style-type: none">1. a brief report of the workshop2. time-table of the workshop3. Statement of receipts and payments certified by finance personnel of your institution or a Chartered accountant.4. Detailed statement of accounts (in the prescribed format) along with copies of vouchers/bills.5. Utilization certificate as per GFR 19A (enclosed) <p>Please settle all the claims at your end and send us the final expenditure statement for releasing the amount.</p> <p>We wish the Workshop all success.</p> <p style="text-align: right;">With regards,  C S Ravi Kumar Coordinator, Science Education Programmes</p> <p>Please find below a note about the 75th year of Indian independence (Azadi Ka Amrut Mahotsav). We would like you to include this note in all the publication material about the workshop. You might even consider displaying this prominently at the venue.</p> <p>The Science Academies have been supporting two/three-day lecture workshops and fifteen-day refresher courses on topics of current interest throughout the country. All the programmes conducted by the Joint Science Education Panel of the Academies are fully supported by the Department of Science and Technology, Govt. of India. DST has undertaken a series of activities to mark 75 years of India's Independence (Azadi Ka Amrut Mahotsav). The Mahotsav is a series of S&T programmes and events to be organised to commemorate the 75th anniversary of India's Independence. The curtain raiser activities began from 12 March, 75 weeks prior to 15 August 2022. The lecture workshops/refresher courses are part of the series in these programmes. The Academy will also organize periodic lectures by eminent scientists. These programs will be adequately expanded in the celebration of the 75 years of Indian Independence.</p>
Indian Academy of Sciences	<p>P K Das (Chairman) D G Kanhare (Co-Chairman) Suvendra N Bhattacharyya Amitabha Chattopadhyay Nitin Chattopadhyay Arun K Grover Indranil Manna M R N Murthy C Narayana Sourav Pal Dhananjai Pandey T Pradeep K N Raghavan G Rajasekaran Pulak Sengupta Annapurni Subramaniam</p>
Indian National Science Academy, New Delhi	<p>Madhu Dikshit I B S Passi Diptiman Sen K D Sen</p>
The National Academy of Sciences, India, Prayagraj	<p>V P Dimri Paramjit Khurana Swapan K Ghosh Gadadhar Misra</p>
Contact Address	<p>C S Ravi Kumar Coordinator, Science Education Programme Indian Academy of Sciences P.B. No. 8005 C.V. Raman Avenue Sadashivanagar P.O. Bengaluru 560 080, India</p> <p>Telephone: 91-80-2266 1207 91-80-2266 1210 Fax: 080-2361 6094</p> <p>Email: sep@ias.ac.in</p>

BROCHURE





SCIENCE ACADEMIES' LECTURE WORKSHOP

ON

"NEW VISTAS IN CHEMISTRY AND ITS APPLICATIONS"

8th & 9th April 2022
(VIRTUAL MODE)



ORGANIZED BY

DEPARTMENT OF CHEMISTRY
SCIENCE AND HUMANITIES
KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI - 638 060, ERODE, TAMILNADU



AGENDA

DAY-1
(08.04.2022)

Session	Lecture Topic	Speaker
Session I 09:30 am - 10:00 am	Inauguration	
10:00 am - 11:15 am	The usefulness of inorganic coordination chemistry in the design and discovery of new materials - I	Dr. S. NATARAJAN
Session II 11:45 am - 01:00 pm	Nanoscience & Nanotechnology	Dr. R. RAMARAJ
Session III 02:00 pm - 03:15 pm	The usefulness of inorganic coordination chemistry in the design and discovery of new materials - II	Dr. S. NATARAJAN

DAY-2
(09.04.2022)

Session	Lecture Topic	Speaker
Session IV 10:00 am - 11:15 am	Vander waal's Solids	Dr. V. SUBRAMANIAN
Session V 11:45 am - 01:00 pm	The Art of Domino Synthesis	Dr. S. BASKARAN
Session VI 02:00 pm - 03:15 pm	Hydrogen Bonding Interactions	Dr. V. SUBRAMANIAN
03:15 pm	VALEDICTORY	Dr. V. SUBRAMANIAN

RESOURCE PERSONS



Dr. R. RAMARAJ, FNA, FASc., FNASc.,
Professor of Eminence & DAE Raja Ramanna Fellow
(Professor & Head (Retd.), Dept. of Physical Chemistry)
School of Chemistry
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Dr. S. BASKARAN, FNA, FASc.,
Professor
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Indian Institute of Technology Madras
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Dr. V. SUBRAMANIAN, FASc., FNASc.,
Chief Scientist
Head & Professor-AcSIR
Centre for High Computing
CSIR - Central Leather Research Institute
Adyar, Chennai-600 020

ABOUT SCIENCE ACADEMIES
Indian Academy of Sciences (IAS), Bangalore founded in 1934 by Sir C.V. Raman, aims at promoting the progress and upholding the cause of science in the pure and applied branches. Its major activities include publication of scientific journals and special volumes, organizing meetings of the Fellowship and discussions on important topics, recognizing scientific talent, improvement of science education, and taking up other issues of concern to the scientific community. As part of the science education programmes, the Indian Academy of Sciences Bangalore in association with the Indian National Science Academy (INSA), New Delhi and The National Academy of Sciences, India (NASI), Allahabad organize programmes for the improvement of science education in the Universities and Colleges throughout the country.

The Science Academies have been supporting two/three-day lecture workshops and fifteen-day refresher courses on topics of current interest throughout the country. All the programmes conducted by the Joint Science Education Panel of the Academies are fully supported by the Department of Science and Technology, Govt. DST has undertaken a series of activities to mark 75 years of India's Independence (Azadi Ka Amrit Mahotsav). The Mahotsav is a series of S&T programmes and events to be organized to commemorate the 75th anniversary of India's Independence. The current major activities began from 12 March, 75 weeks prior to 15 August 2022. The lecture workshop/refresher courses are part of the series in these programmes. The Academy will also organize periodic lectures by eminent scientists. These programmes will be adequately expanded in the celebration of the 75 years of Indian Independence.

ABOUT THE INSTITUTION
Kongu Engineering College, a leading research oriented institution with excellent facilities, is run by Kongu Veltalar Institute of Technology Trust (KVITT). The Programmes of the institute are accredited by NBA and the institute is accredited by NAAC and the Institute of Engineers. The Institution has completely an enclosed site with great natural beauty. It consists of 167 acres of land richly endowed with beautiful greenland. It is an autonomous institution affiliated to Anna University, Chennai. The college has completed 38 years of dedicated and excellent service to the people of India and abroad in the field of Technical Education. The college offers 17 U.G. Programmes, 19 PG Programmes and 16 Research Programmes in Engineering, Applied Sciences and Management. The institution is ranked high among the engineering institutions in India by various surveys conducted by reputed magazines/journals/organizations. It has an active industry institute partnership centre to interact with industries and also has a Technology Business Incubator (TBI), first of its kind in India, nurturing entrepreneurs in high tech areas.

ABOUT THE DEPARTMENT
The Department of Chemistry was established in 1984 and well equipped with the infrastructure facilities for doing research. The total faculty strength in the Department is 17, out of whom 11 are Doctorates. The Department is recognized as a Research Centre (under 12 phd's awarded) and it provides research facility leading to the award of the degree of Doctor of Philosophy. A separate research labelling centre is established in the Department to extend its facility to nearby industries through consultancy work in the field of water testing, heavy metal determination, food analysis and to solve any of their problems. Two UGC and one DST funded research projects were completed in the department. The AICTE - RPS Funded Research Project is ongoing in the department.

ABOUT THE WORKSHOP
Chemistry is a vibrant science that profoundly affects the world we live in. As a fundamental science, it is involved in every facet of life. It is a broad discipline offering many exciting avenues and challenges. The subject of lecture workshop will mainly emphasize the potential needs for futuristic research in chemistry. Its objective is to give an insight to students and faculty members about the major areas in chemistry and expose them to the promising developments in chemistry. The lecture workshop will provide a forum to faculty members, students and research scholars to interact with experts working in the emerging thrust areas of Chemistry.

GENERAL INSTRUCTIONS
Faculty Members handling Chemistry and UG/PG students of Science and Engineering can attend this workshop.
Registration fee : Free
The number of participants is limited to 120 and registration is done on a First come First Served basis.
Registration link : <https://forms.gle/8v8dUc1Lp2L2P7>
Last date for registration : 15.04.2022
The selected participants will be intimated through their registered email and a separate WhatsApp group formed for further intimations to join the meeting through Google Meet platform.

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SCAN TO REGISTER




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**NDIAN SCIENCE ACADEMIES' SPONSORED LECTURE WORKSHOP ON "New Vistas in Chemistry and its Applications""
on 08.04.2022 & 09.04.2022**

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X. G. f

CERTIFICATE

	Science Academies' Virtual Lecture Workshop On New Vistas in Chemistry and Its Applications	
	Organized by Department of Chemistry Kongu Engineering College Perundurai-638 060	 Estd : 1984
E-Certificate No:58	CERTIFICATE	
<p>This is to certify that Dr/Prof/Mr/Ms Mrs.K.KRISHNAVENI KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE UG/PG/M.Phil/Research Scholar/Faculty has attended the 2 days Virtual Lecture Workshop on "New Vistas in Chemistry and Its Applications" sponsored by Indian Science Academies and organised by the Department of Chemistry, Kongu Engineering College, Perundurai, Erode from 08.04.2022 to 09.04.2022.</p>		
Dr.A.Geetha Associate Professor & Head Department of Chemistry Kongu Engineering College Coordinator	Dr.R.Ramaraj FNA., FASc.,FNASc., Professor of Eminence & DAE Raja Ramanna Fellow School of Chemistry Madurai Kamaraj University, Madurai Convener	Dr.V.Balusamy Kongu Engineering College Principal
E-Certificate		

PHOTOS

Day - 1 (08.04.2022)

The screenshot shows a Google Meet interface. The main window displays a presentation slide with the following content:

There is a demand for NEW MATERIALS today
To meet the demands of advancing technologies

Desiderata

1. Materials that are super-hard
2. Materials that do not expand on heating (zero-expansion compounds)
3. Materials that splits water into hydrogen and oxygen using sunlight (Solar Energy Conversion)
4. Materials that converts methane to higher hydrocarbons
5. Materials that are transparent and conducting (Transparent Conductors)
6. Materials for clean energy (fuel cells, lithium batteries - Nobel Prize 2019, hydrogen storage)
7. Materials that can store large quantities of charge (Supercapacitors)
8. Materials that Superconduct at Room Temperature !

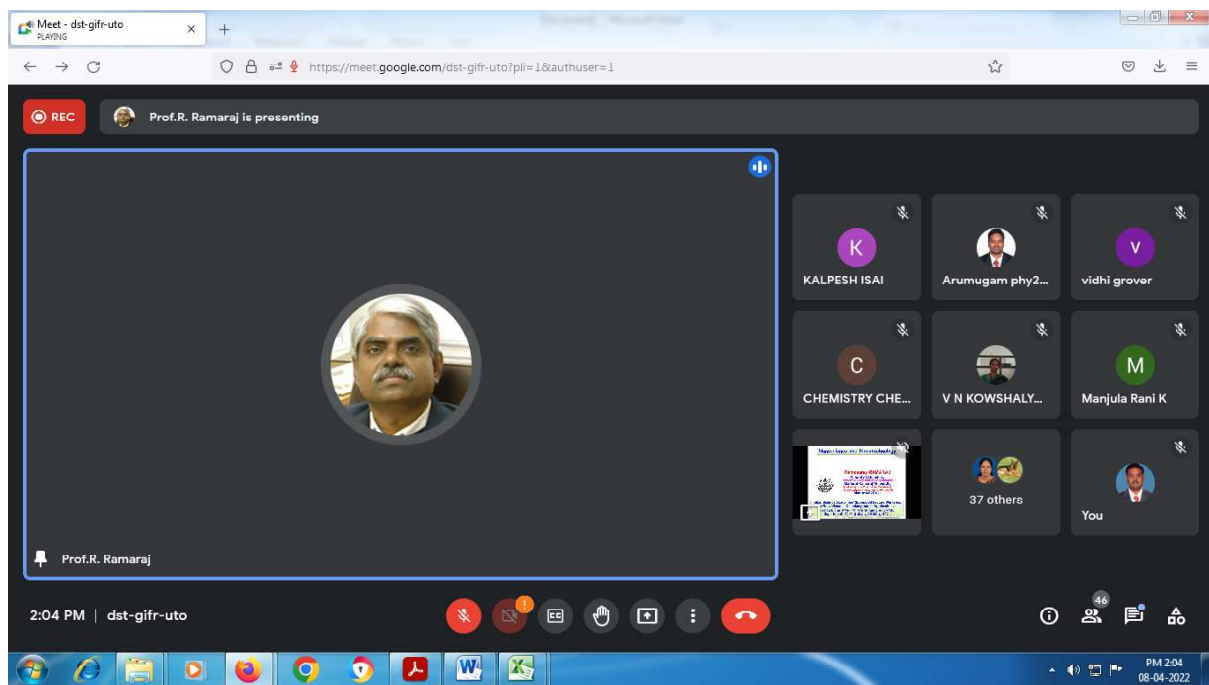
The List is representative and not complete

On the right side of the screen, there is a grid of participant thumbnails. The participants visible are:

- Srinivasan Natarajan (presenting)
- balakrishnan srividhya
- KALPESH ISAI
- Arumugam phy2289
- A GEETHA Professor
- ramsamy raj
- 87 others
- You

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 10:05 AM on 4/8/2022.

Invited lecture given by Dr.S.Natarajan, Professor, Framework Solids Laboratory, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore.



Invited lecture given by Dr.R.Ramaraj, Professor of Eminenece & DAE aja Ramana Fellow, Professor & Head, Department of Physical Chemistry (Retd), School of Chemistry, Madurai Kamaraj University, Madurai.

Day - 2 (09204.2022)

Firewall Authentication Keepalive x Inbox (20) - kveniraj.sh@kongu.edu x Meet - dst-gifr-uto x Swayam Central x

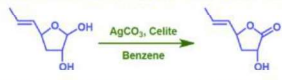
meet.google.com/dst-gifr-uto?pli=1&authuser=0

REC Baskaran S IITM is presenting


58-Chemoslective-PPT-09-04-2022 - PowerPoint

Chemoselectivity

Selective Oxidation:
Chemoselective oxidation of lactols over other alcohols:



Chemoselective epoxidation of allylic alcohols over unfunctionalized alkenes:



Click to add notes

12:30 PM | dst-gifr-uto

A GEETHA Professor K MANJULA RANI SH Baskaran S IITM SANJEEV Gupta CHEMISTRY CHEMISTRY!... Arumugam phy2289 56 others You

Links 12:30 PM 4/9/2022

Invited Lecture given by Dr.S.Baskaran, Professor, Department of Chemistry, Indian Institute of Technology Madras, Chennai

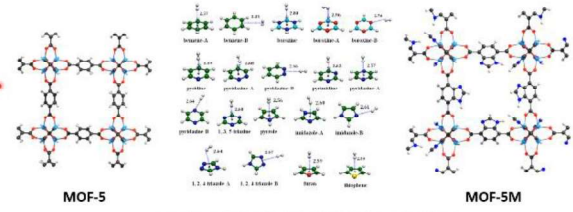
Firewall Authentication Keepalive x Inbox (20) - kveniraj.sh@kongu.edu x Meet - dst-gifr-uto x

meet.google.com/dst-gifr-uto?pli=1&authuser=0

REC Subramanian Venkatesan is presenting

Role of Non-Covalent Interactions in Materials Science

- Hydrogen Storage in Metal Organic Frameworks
- H₂ binds through physisorption mode
- Nature of interaction between H₂ and MOF is purely dispersion dominated
- New MOF material is designed based on the H₂ affinity towards the organic ligand



MOF-5 MOF-5M

Kumar, R. M.; Subramanian, V. JHE, 36, 2011, 10737-10747.

2:30 PM | dst-gifr-uto

Subramanian Venkatesan SANGEETHA A A GEETHA Professor K MANJULA RANI SH Raja Raja Abarna B 57 others You

Links 2:30 PM 4/9/2022

Invited Lecture given by Dr.V.Subramanian, Chief Scientist, Head & Professor, AcSIR Centre for High Computing, CSIR-Central Leather Research Institute, Adyar, Chennai.

Invited Lecture given by Dr.V.Subramanian, Chief Scientist, Head & Professor, AcSIR Centre for High Computing, CSIR-Central Leather Research Institute, Adyar, Chennai.

SUMMARY REPORT

**KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE
(Autonomous)
DEPARTMENT OF CHEMISTRY
SUMMARY REPORT OF INDIAN SCIENCE ACADEMIES' SPONSORED LECTURE
WORKSHOP ON
"NEW VISTAS IN CHEMISTRY AND ITS APPLICATIONS"
held on 08.04.2022 & 09.04.2022**

The Department of Chemistry, Kongu Engineering College has organized **INDIAN SCIENCE ACADEMIES' SPONSORED LECTURE WORKSHOP ON "NEW VISTAS IN CHEMISTRY AND ITS APPLICATIONS"** on 08.04.2022 & 09.04.2022. **Dr. R. RAMARAJ**, FNA., FASc., FNASc., Professor of Eminence & DAE Raja Ramanna Fellow (Professor & Head, Dept. of Physical Chemistry(Retd.)), School of Chemistry, Madurai Kamaraj University, Madurai-625021 is the convenor of this workshop. **Dr. A.Geetha**, Associate Professor & Head, Dept of Chemistry, Kongu Engineering College is the coordinator of the programme. Eminent persons from various reputed research organizations and institutions delivered informative lectures on various topics in chemistry. Participants from various educational institutions and research scholars all over Tamil Nadu have attended the workshop.

