



Department of Mechanical Engineering

National Conference on

Energy and Manufacturing Scenario -2022

NCEMS-22 Report / Even 2021-22

The department of Mechanical Engineering organized a National Conference on Energy and Manufacturing Scenario - 2022 on 9th June 2022.

CONFERENCE OBJECTIVE:

The conference aims at bringing researchers, academicians, practicing engineers and industrialists to a common platform which provides a national forum for researchers to exchange ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in engineering. Papers are invited from Post Graduate students / Researchers / Practicing Engineers and Research Personnel.

CONFERENCE THEME:

MANUFACTURING

- RPT / FEA
- Unconventional Machining Processes
- Welding & Casting
- Nano Technology
- Materials-Composites
- CAD / CAM / CIM
- Advanced Manufacturing Techniques
- Lean Manufacturing/ANN

ENERGY

- Thermal Engineering
- Renewable Energy Management
- Solar Energy
- Wind Energy
- Advanced Heat Transfer
- Tidal Energy
- Energy Storage Technologies
- Biomass Gasification

ADVISORY COMMITTEE	TECHNICAL COMMITTEE
<ul style="list-style-type: none"> ➤ Dr.K.R.Balasubramanian, NIT, Trichy. ➤ Dr.A.Mani, IIT, Chennai. ➤ Dr.K.Panneerselvam, NIT, Trichy. ➤ Dr.S.R.Pandiyam, IITDM, Kanchipuram. ➤ Dr.V.Balasubramaniam, Annamalai University, Chidambaram. ➤ Dr.S.Sivasankar, GCE, Thanjavur. ➤ Dr.T.Sekar, GCE, Salem. ➤ Dr.G.Rajamohan, SASTRA, Thanjavur. ➤ Dr.S.Chockalingam, EGSPEC, Nagapattinam. ➤ Dr.N.Baskar, SCE, Trichy. ➤ Dr.P.K.Srividhya, PMIST, Thanjavur. ➤ Dr.M.Ravichandran, KRCE, Trichy. ➤ Dr.K.Balasubramaniam, Bharath University, Chennai. ➤ Dr.A.Palanisamy, SEC, Erode. ➤ Dr.T.Rajeshkanna, AAMEC, Kovilvenni. ➤ Dr.T.Balamurugan, AEC, Kumbakonam. ➤ Dr.M.Thilak, SRM-TRPEC, Trichy. ➤ Dr.M.Suresh, SSNCE, Chennai. 	<ul style="list-style-type: none"> ➤ Dr.K.Srinivasareddy, IIT, Chennai. ➤ Dr.K.Senthilkumaran, IITDM, Kanchipuram. ➤ Dr.J.Jerald, NIT, Trichy. ➤ Dr.D.Leningsingaravelu, NIT, Trichy. ➤ Dr.U.Natarajan, ACTECH, Karaikudi ➤ Dr.S.Periyasamy, GCT, Ciombatore. ➤ Dr. N.Senthilkumar, NIT, Pudhuchery. ➤ Dr.K.Kannan, AAMEC, Kovilvenni. ➤ Dr.D.Sreenivasan, KRCE, Trichy. ➤ Dr.A.Naveen Sait, MIETEC, Trichy. ➤ Dr.S.Jaisankar, SLCET, Thanjavur. ➤ Dr.M.Prabhakar, SRM-TRPEC, Trichy. ➤ Dr.D.Prakash, SASTRA, Thanjavur. ➤ Dr.G.Elatharasan, UCE, AU Pattukottai. ➤ Dr.A.Mercy Vasam, SCE, Trichy. ➤ Dr.S.Krishnamohan, EGSPEC, Nagapattinam. ➤ Dr.C.G.Saravanan, Annamalai University, Chidambaram. ➤ Dr.R.Ganesh, PITS, Thanjavur. ➤ Dr.B.Sureshkumar, KRCT, Trichy.

The conference brochure was designed and circulated through Social Medias like E-mail, Whatsapp and Twitter to various colleges. 16 papers were selected by technical committee and the authors were informed the selection of their paper through mail.

NCEMS 2022 (09.06.2022):

The inaugural function was started at 09.45 am. Mr.S.Desikan, AP/Mech welcomed the gathering. He invited Organizing chair of NCEMS-2022 to deliver welcome address. Dr.T.Pushparaj welcomed the Chief Guest, Secretary, Principal, Vice Principal and participants from various engineering colleges. Mr.S.Sabanayagam AP/Mech introduced the Chief Guest Dr.D.Jeyasimman, PMIST, Vallam. Dr.S.Sivakumar, Vice Principal delivered the presidential address to gathering and also insisted the participants for the importance and effective use of the NCEMS-2022. Dr.D.Jeyasimman, Chief guest delivered the Keynote address. He delivered about the recent advances in Industry 4.0.

The technical session was started at 11.15 am. Dr.T.Pushparaj and Dr.P.P.Shantharaman had acted as a jury for the technical session I and II. The evaluation based on the presentation, concept and implementation and the answers given to the queries. Each team had 10 minutes (presentation - 08 minutes & query - 2 minutes) to present their papers. After the session, the evaluation sheet was collected from the juries and evaluated the quality of the articles and presentations.

The valedictory function was started at 03.30 PM. Mr.R.Shankar, AP/Mech conveyed the sincere gratitude to Secretary, Principal, Vice-Principal and all the faculty members, KingsCollege of Engineering for making this Event a grand success.

POST CONFERENCE WORK:

The participants were asked to submit the feedback about conference. Certificates were distributed to the participants based on their active participation in the conference.

CONFERENCE AGENDA:

Inauguration		VENUE : Chera Hall
10.00 am	Prayer song	
10.05 am	Welcome address – Dr.T.Pushparaj, HOD/ Mech	
10.10 am	Introduction of Chief Guest – Dr.D.Jeyasimman by Mr.S.Sabanayagam, AP/Mech	
10.15 am	Lamp lighting, Proceeding release and Shawl honoring ceremony	
10.20 am	Presidential address by Dr.S.Sivakumar, Vice Principal	
10.25 am	Keynote Address by Dr.D.Jeyasimman, chief guest	
10.45 am	Tea Break	
11.00 am	Presentation Session – I	
1.00 pm	Lunch Break	
1.45 pm	Presentation Session - II	
3.10 pm	Tea Break	
Valedictory		
3.30 pm	Conference Report by – Mr.H.Agilan, AP/Mech	
3.45 pm	Vote of Thanks – Mr.R.Shankar, AP/Mech	

Requisition Mail and Acceptance Sample of Advisory Committee

Compose

Kings college of Engineering conference advisory committee member acceptance - Reg

ncems 2022 Mon, May 16, 11:37 PM

Dear Sir,

We are honored and wish to invite you as our advisory committee member for the National Conference on Energy and Manufacturing Scenario - 2022 (NCMS) that will take place at Kings College of Engineering, Punalakuram on 09th June 2022.

It will be a privilege to have you at the event. We hope that you will honor us with your presence. We are expecting your timely confirmation and talking if there are any queries or questions. Looking forward to your confirmation and arrival to honor the event.

Sincerely,
 S.Devikan, AP/Mech
 Arwin M, AP/Mech
 NCMS 22 organizing committee

sivasankar Mon, Jun 5, 12:15 PM (2 days ago)

Dear Sir,

It is a great pleasure to know that Kings College of Engineering is going to organize the Conference entitled as NCMS-2022 on 9th June for my privilege to take part in this conference as Advisory committee member. Thank you for the opportunity given to me. I wish the conference a 100% success.

Regards,
 Sivasankar

ncems 2022 Mon, Jun 6, 2:11 PM (3 days ago)

Arwin M, AP/Mech
 NCMS 22 organizing committee

sivasankar Mon, Jun 6, 12:37 PM (3 days ago)

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Regards,
 Sivasankar

ncems 2022 Mon, Jun 6, 2:11 PM (3 days ago)

Thanks for the response Sir

CONFERENCE BROCHURE:

National Conference
on
**Energy and
Manufacturing
Scenario - 2022**

"NCMS - 2022"

09th June 2022

Call for Papers

Organized by
Department of Mechanical Engineering
KINGS COLLEGE OF ENGINEERING
Recognized under A(7) & B(10) of UGC
A NAAC Accredited Institution, Approved by AICTE &
Affiliated to Anna University
Punalakuram, Near Thiruvannamalai,
Puducherry District - 612 303

ORGANIZING COMMITTEE

CHIEF PATRON
Dr. R. Rajasekaran, Secretary

PATRON
Dr. J. Arupathigal, Vice-Chancellor

CO-PATRON
Dr. S. Sivasankar, Vice-Principal

ORGANIZING CHAIR
Dr. T. Pragasam, HoD-Mech

ORGANIZING SECRETARY
Ms. S. Devikan, AP-Mech
Ms. M. Aravinth, AP-Mech

ORGANIZING MEMBERS

- > Dr. P.P. Srinivasan
- > Mr. E. Shanmugam
- > Mr. H. Arjunan
- > Ms. M. Subramanyam
- > Mr. R. Rajasekaran
- > Ms. D. Rajalakshmi
- > Mr. V. Aravind

ADVISORY COMMITTEE

- > Dr. K. R. Hanumantharam, NIT, Tiruchy
- > Dr. A. Sankar, IIT, Chennai
- > Dr. P. Prasad, NIT, Tiruchy
- > Dr. S. R. Pradyumn, IITD, New Delhi
- > Dr. V. Balasubramanian, Anna University, Chennai
- > Dr. S. Srinivasan, OCE, Thanjavur
- > Dr. T. Sankar, OCE, Salem
- > Dr. G. Rajasekaran, SAITRA, Thanjavur
- > Dr. N. Chockalingam, IISREC, Nagapattinam
- > Dr. S. Sankar, OCE, Tiruchy
- > Dr. P. K. Srinivasan, PCEIT, Thanjavur
- > Dr. N. Parthasarathy, EPCE, Tiruchy
- > Dr. S. Balasubramanian, Bharathidasan University, Chennai
- > Dr. A. Prasad, IIS, Erode
- > Dr. T. Rajeshkumar, AASDC, Kottivakkam
- > Dr. T. Balasubramanian, AASDC, Kottivakkam
- > Dr. M. Thirumal, IISCT, Tiruchy
- > Dr. M. Suresh, UNICE, Chennai

TECHNICAL COMMITTEE


- > Dr. K. Visuvanathan, IIT, Chennai
- > Dr. K. Sankar, IITD, New Delhi
- > Dr. J. Sankar, NIT, Tiruchy
- > Dr. D. Lakshminarasimhan, NIT, Tiruchy
- > Dr. U. Natarajan, AICTE, Karaikal
- > Dr. S. Srinivasan, OCE, Thanjavur
- > Dr. N. Srinivasan, NIT, Tiruchy
- > Dr. J. Sankar, AASDC, Kottivakkam
- > Dr. D. Srinivasan, IISREC, Thanjavur
- > Dr. A. Narayan, SAITRA, Thanjavur
- > Dr. S. Srinivasan, IISREC, Thanjavur
- > Dr. M. Prasad, IISREC, Thanjavur
- > Dr. D. Prasad, SAITRA, Thanjavur
- > Dr. D. Srinivasan, OCE, Thanjavur
- > Dr. A. Srinivasan, OCE, Thanjavur
- > Dr. C. G. Srinivasan, Anna University, Chennai
- > Dr. R. Sankar, IIS, Thanjavur
- > Dr. B. Srinivasan, IISCT, Tiruchy

ABOUT THE INSTITUTION


Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students of this region. KCE was established in the year 2001 and run by Raj Educational Trust (RET). KCE is approved by All India Council of Technical Education (AICTE), New Delhi, affiliated to Anna University, Chennai and recognized under UG & PG of UGC. KCE is accredited by NAAC Five UG (B) & four PG (B.E) programmes are being offered.

The institution provides all basic and advanced facilities to the students and the faculty members as well. Utmost importance is given for quality education through modern teaching methodologies. Most modern and sophisticated laboratories, well qualified and experienced faculty members are the assets of this institution. The institution grows at a faster pace as it has a very sound management willing to do everything needed for making it a great institution.


CONFERENCE INVITATION:



22
YEARS OF ACADEMIC
EXCELLENCE




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INSTITUTION'S
INNOVATION
COUNCIL

**DEPARTMENT OF MECHANICAL
ENGINEERING**
PROUDLY PRESENTS
**NATIONAL LEVEL CONFERENCE ON
Energy and Manufacturing
Scenario 2022**



09th
JUNE
2022



Key note address
Dr.D.Jeyasimman, ME., Ph.D.,
Associate Professor,
Department of Mechanical Engineering,
Periyar Manjamma Institute of
Science & Technology - Vallam

Important dates to remember

Submission of abstract	20.05.2022
Notification of Acceptance	23.05.2022
Submission of full paper	25.05.2022
Conference Date	09.06.2022

S. Desikan, AP/Mech,
M. Aswin, AP/Mech,
Coordinators

Dr.T.Pushparaj, ME., Ph.D.,
HoD/MECH

Dr.J.Arputha Vijaya Selvi, ME., Ph.D.,
Principal

Website: <https://kingsengg.edu.in/> *For further details, please contact: 63803 56560

SAMPLE CERTIFICATE:



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INSTITUTION'S
INNOVATION
COUNCIL

Certificate of Participation

This is to certify that _____ of _____ ,
from _____ has actively participated in the
National Conference on **"Energy and Manufacturing Scenario – 2022"**,
organized by Department of Mechanical Engineering, Kings College of
Engineering, Punalkulam, Near Thanjavur on 9th June 2022.

Organizing Secretary

Convener

Principal

Glimpses of NCEMS' 22:



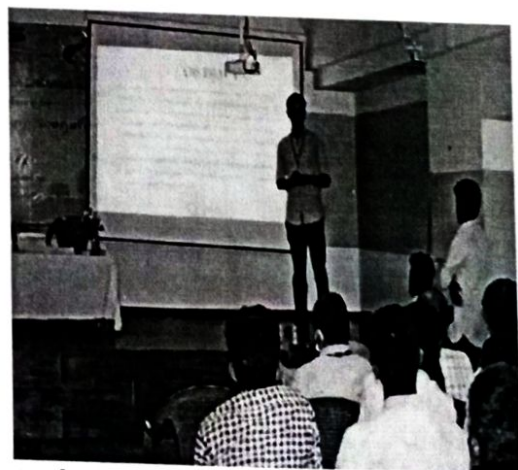
Delegates releasing conference proceedings



Mr.S.Sabanayagam introducing Chief guest



Dr.D.Jeyasimman delivering keynote address



Students' presentation

SP = 116.6.22
Organizing Secretary

Mr.S.Desikan

T. Pushparaj
Organizing Chair 17/6/22

Dr.T.Pushparaj

J. Arputha
17/6/2022

Principal

Dr.J.Arputha Vijaya Selvi