



KRISHNASAMY


College of
ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to Anna University
Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109, Tamil Nadu.
☎ (04142) 285 601 - 604 🌐 www.kcet.in ✉ info@kcet.in

ACADEMIC YEAR (2022-2023)

Seminar on “Research Analysis & Modelling Software for Engineering Design”
conducted by Mechanical Engineering held on 22.06.2023.

Department of Mechanical Engineering



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Cordially invites you to the

Technical Seminar
on

**“Research Analysis & Modelling
Software for Engineering
Design”**

On Friday, 22nd June 2023 by 10:30a.m at
C - Block Mech Seminar Hall

Mr.K.PARTHIBAN, M.E.,
Assistant Professor,
Department of Mechanical Engineering,
AKT College of Engineering & Technology
has consented to deliver the Key note address.

Dr. K.RAJENDRAN, M.S.,FICS.,FAIS.,
Chairman,
Krishnasamy College of Engineering & Technology,
Presides.

Dr.D.DHINESH KUMAR, Asst.Prof., Mech
CO-ORDINATOR

Dr. G.ELANGO
PRINCIPAL

Technical seminar - Invitation



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Interaction session

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Anand Nagar, S. Kumarapuram, Cuddalore - 607 109
Department of Mechanical Engineering
SRMESTER NAME: 1007

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Program Co-ordinator
HOD

Students Attendance



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Program Report for Seminar on “Research Analysis & Modelling Software for Engineering Design”

A technical seminar was conducted by Department of Mechanical Engineering on the topic Research Analysis & Modelling Software for Engineering Design at Krishnasamy College of Engineering and Technology, Cuddalore. The seminar was inaugurated by our beloved Chairman Dr. K. Rajendran, Mr. N. Vijayakumar, Secretary, Krishnasamy Group of Educational Institution, The felicitation address was given by our Principal Dr. G. Elango, and Vice Principal Dr. K. Raghu. Finally the expert has started the technical session. The expert given a technical session on analysis software for engineering design which describes analysis model is a technical representation of the system. It acts as a link between the system description and the design model. In analysis modelling, information, behaviour, and functions of the system are defined and translated into the architecture, component, and interface level design in the design modelling. The process of analysis modelling helps in the understanding and extraction of user needs for the software system. Analysis models assist in resolving requirements disputes and providing clarification on unclear areas. Analysis modelling aids in the definition of the system’s dynamic behaviour, including workflows, processes, and inter-component interactions. It is made easier by analysis modelling, which helps in defining the parameters of the software system and its interactions with users, other systems, and hardware components. Analysis modelling divides various system components or concerns into discrete representations. For instance, behavioural modelling aims to capture the dynamic behaviour of the system, whereas data modelling concentrates on expressing the relationships and structure of data items. The total number of students was participated in this technical seminar around 45

Coordinator



Principal

PRINCIPAL
Krishnasamy College of
Engineering & Technology,
Kumarapuram,
Cuddalore-607 109