



Learn Beyond

**KPR Institute of Engineering and Technology**

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MATHS001

**NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)

**AN INTRODUCTION TO MATLAB AND ITS APPLICATIONS**

Event No	MATHS001
Organizing Department	Mathematics
Associate Dept.   NSC	Mathematics
Date	17/08/2023
Time	11:30 AM to 12:30 PM
Event Mode	Online Event
Event For	All KPRIET Staffs and Students
Event Type	Workshop (online)
Event Level	Dept. Level
Meeting Medium	Zoom
Meeting Link	<a href="https://us06web.zoom.us/j/87541201183?pwd=VDI0OHB1WDdXdjR5K2tlYmRnWHA0dz09">https://us06web.zoom.us/j/87541201183?pwd=VDI0OHB1WDdXdjR5K2tlYmRnWHA0dz09</a>
Registration Link	<a href="https://forms.gle/kFB6nj7qjMzjFZ569">https://forms.gle/kFB6nj7qjMzjFZ569</a>
Total Participants	70
Faculty - Internal	17
Faculty - External	53

**Related SDG**



**Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr R Udhayakumar	Assistant Professor(Sr.G - I)	Vellore Institute of Technology	suriyakuma06@gmail.com	8220091516

**Involved Staffs**

Sl	Name	Role
1	Karthikeyan K	Coordinator
2	Suriyakumar P	Coordinator

**Outcome**

An Introduction to MATLAB and Its Applications' is an informative and interactive event designed to provide participants with a comprehensive overview of MATLAB, a powerful programming language and environment used extensively in various fields such as engineering, science, mathematics, and data analysis. This event aims to equip attendees with the fundamental knowledge and practical skills necessary to start utilizing MATLAB effectively for their academic, research, and professional pursuits. The actual outcome of the event the participants gained an understanding of MATLAB's powerful features, its intuitive programming environment, and its relevance across various disciplines. The speaker highlighted how MATLAB simplifies complex numerical computations, data analysis, visualization, and more, making it an indispensable tool in modern research. Throughout the event, participants had the opportunity to delve into practical demonstrations allowing them to interact directly with the MATLAB software. This interactive approach enabled participants to apply the concepts they learned and reinforced their understanding of key MATLAB functionalities.

**Event Summary**

The event titled 'An Introduction to MATLAB and its Applications' was a resounding success, providing participants with valuable insights into the world of MATLAB and its diverse range of applications. Held on 17.8.2023(Online mode), the event attracted 70 of attendees, including research scholars and professors' eager to explore the capabilities of MATLAB. The event began with a welcome address by Dr.K.Karthikeyan, Prof and Head, Department of Mathematics and handover the session to our Resource person Dr.R.Udhayakumar, VIT, Vellore. The participants gained an understanding of MATLAB's powerful features, its intuitive programming environment, and its relevance across various disciplines. The speaker highlighted how MATLAB simplifies complex numerical computations, data analysis, visualization,

and more, making it an indispensable tool in modern research. Throughout the event, attendees had the opportunity to delve into practical demonstrations allowing them to interact directly with the MATLAB software. This interactive approach enabled participants to apply the concepts they learned and reinforced their understanding of key MATLAB functionalities. From basic commands to advanced scripting techniques, attendees left the event with a solid foundation in using MATLAB effectively. Feedback from participants was overwhelmingly positive, with many expressing gratitude for the clear explanations, practical insights, and engaging presentations. Attendees left the event with newfound confidence in their ability to harness MATLAB for their projects and research endeavors. At the end of the session Dr.P.Suriyakumar, Assistant Professor, Department of Mathematics gave the vote of thanks to all the participants and resource person. In conclusion, the event 'An Introduction to MATLAB and its Applications' proved to be an enlightening experience for all participants. By demystifying MATLAB and showcasing its broad applications, the event contributed to expanding the horizons of knowledge and empowering attendees to make the most of this versatile tool.



**KPR Institute of Engineering and Technology**  
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DEPARTMENT OF MATHEMATICS  
ORGANISES A WORKSHOP ON

**An introduction to MATLAB and its applications**

🕒 10:30 AM to 12:30 PM  
📅 17 August 2022  
📍 ZONE 01

COORDINATORS:  
Dr. V. KirthiBhargava, MSc/Maths  
Dr. P. Suriyakumar, AP/Maths

**Resource Person**  
**Dr. R.Udhayakumar**  
Assistant Professor (Sr. C-1)  
School of Distance Education Mathematics  
Vidyaniketan of Technology

Registration fee: Rs.100

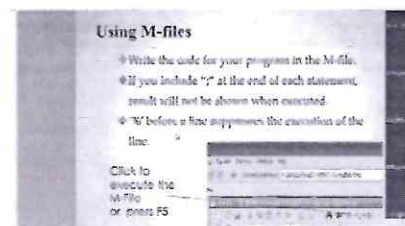
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Vidyaniketan of Technology  
Vidyaniketan of Technology

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**Using M-files**

- Write the code for your program in the M-file.
- If you include ";" at the end of each statement, result will not be shown when executed.
- "R" before a line suppresses the execution of the line.

Click to execute the M-File or press F5

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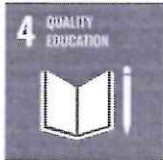
MATHS000

NBA Accredited  
(CSE, ECE, EEE,  
MECH, CIVIL)

**WORKSHOP ON MATLAB FOR BEGINNERS**

Event No	MATHS000
Organizing Department	Mathematics
Date	11/08/2023
Event Type	Workshop
Event Level	Dept. Level

Related SDG



Outcome

-NA-

Event Summary

-NA-

\*\*\* END \*\*\*







APPLICATIONS OF DIFFERENTIAL EQUATIONS

Event No	MATHS001
Organizing Department	Mathematics
Date	28/10/2023
Time	10:30 AM to 11:50 AM
Event Mode	Online Event
Event For	Students
Event Type	Webinar
Event Level	Dept. Level
Meeting Medium	Google Meet
Meeting Link	<a href="https://meet.google.com/eho-kiws-kvm">https://meet.google.com/eho-kiws-kvm</a>
Total Participants	57
Faculty - Internal	10
Faculty - External	5
Students - internal	15
Students - External	27

Related SDG



Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Govindaraj	Assistant Professor	NIT, PUCHERY	govindaraj.v@gmail.com	8608130240
2	Resource Person	Meena	Assistant Professor	KPR Institute of Engineering and Technology	meenaprem14@gmail.com	0999409925 8

Involved Staffs

Sl	Name	Role
1	Meena S	Coordinator
2	Vijayalakshmi M	Coordinator

Outcome

In this Webinar, Applications of Differential equations are going to be explained in various fields like control theory, dynamical systems, circuit theory and so on. Basically the importance of mathematics in day to day life will also be explained. It will be briefly discussed how the students are applying the differential equations in their projects.



Event Summary

In this Webinar, Applications of Differential equations are going to be explained in various fields like control theory, dynamical systems, circuit theory and so on. Basically the importance of mathematics in day to day life will also be explained. It will be briefly discussed how the students are applying the differential equations in their projects. In mathematics, a **differential equation** is an equation that relates one or more unknown functions and their derivatives. In applications, the functions generally represent physical quantities, the derivatives represent their rates of change, and the differential equation defines a relationship between the two. Such relations are common; therefore, differential equations play a prominent role in many disciplines including engineering, physics, economics, and biology. The study of differential equations consists mainly of the study of their solutions (the set of functions that satisfy each equation), and of the properties of their solutions. Only the simplest differential equations are soluble by explicit formulas; however, many properties of solutions of a given

differential equation may be determined without computing them exactly. The theory of dynamical systems puts emphasis on qualitative analysis of systems described by differential equations, while many numerical methods have been developed to determine solutions with a given degree of accuracy.

**Department of Mathematics**  
Organizes a one day Webinar on  
Applications of Differential Equations

**RESOURCE PERSON** **RESOURCE PERSON**



**Dr. V. GOVINDARAJ** **Dr. S. MEENA**

Assistant Professor of Mathematics  
KPR Institute of Technology  
Puducherry Branch - 605 005,  
UT of Puducherry  
India

Assistant Head of Department of Mathem  
KPR Institute of Engineering and Techno  
Coimbatore - 641002  
India

Dr. V. Govindaraj is a Ph.D. holder in Mathematics from Anna University, Chennai. He has published several research papers in international journals. He is also a member of several professional organizations.

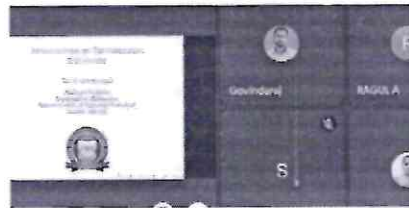
Dr. S. Meena is a Ph.D. holder in Mathematics from Anna University, Chennai. She has published several research papers in international journals. She is also a member of several professional organizations.

Copy of the Certificates will be provided for External Participants

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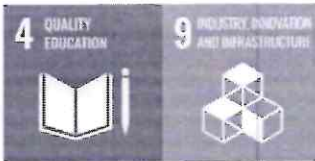
MATHS002

NBA Accredited  
(CSE, ECE, EEE,  
MECH, CIVIL)

**TWO DAYS WORKSHOP ON HANDS ON TRAINING IN LATEX**

Event No	MATHS002
Organizing Department	Mathematics
Associate Dept.   NSC	Mathematics
Date	04/10/2023 to 05/10/2023 (2 Days)
Time	09:30 PM to 04:30 PM
Event Mode	Offline (With in the campus)
Event For	Public (Others)
Event Type	Workshop
Event Level	Dept. Level
Venue	S&H - Lab 1

Related SDG



Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr M Prakash	Assistant Professor (Sl.G.)/ Mathematics	KPRIET	<a href="mailto:prakash.m@kpriet.ac.in">prakash.m@kpriet.ac.in</a>	0770885292 1
2	Resource Person	Dr M Subramanian	Assistant Professor (Sr.G.)/ Mathematics	KPRIET	<a href="mailto:subramanian.m@kpriet.ac.in">subramanian.m@kpriet.ac.in</a>	9003832474

Involved Staffs

Sl	Name	Role
1	Prakash M	Coordinator
2	Subramanian Muthaiah	Coordinator

Outcome

-NA-

Event Summary

-NA-



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Approval is required.

MATHS002: TWO DAYS WORKSHOP ON HANDS ON TRAINING IN LATEX

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MATHS007

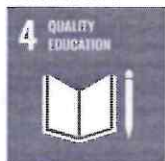
NBA Accredited

(CSE, ECE, EEE,  
MECH, CIVIL)

**GUEST LECTURE ON APPLICATION OF STATISTICS IN ENGINEERING**

Event No	MATHS007
Organizing Department	Mathematics
Associate Dept.   NSC	Mathematics
Date	01/11/2022
Time	11:00 AM to 12:00 PM
Event Mode	Offline (With in the campus)
Event For	Students
Event Type	Guest Lecture
Event Level	Dept. Level
Venue	II year Chemical Class room
Total Participants	64
Faculty - Internal	1
Students - Internal	63

## Related SDG



## Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr.V Sangeetha	Assistant Professor, Department of Statistics, PSG College of Arts and Science, Coimbatore	Assistant Professor, Department of Statistics, PSG College of Arts and Science, Coimbatore	sangeetha@gmail.com	9994211670

## Involved Staffs

Sl	Name	Role
1	Suriyakumar P	Coordinator

## Outcome

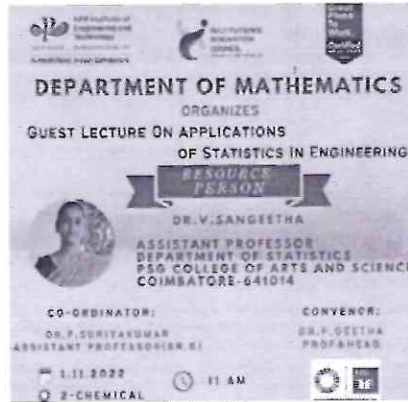
Students were able to understand "How to collect the data"

Students were able to understand" how to apply Theoretical concepts of statistics practically"

## Event Summary

The Department of Mathematics organized a **GUEST LECTURE ON APPLICATION OF STATISTICS IN ENGINEERING** for II year Chemical Engineering students on 1.11.2022. The program started with Tamil Thai Valthu followed by KPR anthem. Prof. Dr. P.Geetha, Director/ Freshmen Programme introduced the resource person **Dr.V.Sangeetha**, Assistant Professor, Department of Statistics, PSG College of Arts and Science, Coimbatore and also she explained the background of the guest lecture in her welcome address. The session started with questions about the basics of Statistics. In today's data-driven world, the application of statistics in everyday life is an ever-present reality that touches all aspects of society. Though the field of statistics originated centuries ago, the impact has exploded in recent years as modern statisticians have advanced applications of statistics through innovative, problem-solving approaches. Engineering also finds widespread applications of statistics in different domains such as production planning, quality control and management, process control, measurement system error analysis, robustness analysis, risk assessment etc. She explained about the testing of hypothesis of small and large sample tests and the applications of testing of hypothesis in Engineering. After that she talked about the one way and two-way classification of ANOVA table and applications of ANOVA table. She discussed about the Engineering Statistics in the Students. Engineering statistics combines engineering and statistics using scientific methods for analyzing data. Engineering statistics involves data

concerning manufacturing processes such as: component dimensions, tolerances, type of material, and fabrication process control. There are many methods used in engineering analysis and they are often displayed as histograms to give a visual of the data as opposed to being just numerical. The students were very much interacted with our resource person. The Guest Lecture on Application Of Statistics in Engineering came to end with the vote of thanks by Dr.P.Suriyakumar coordinator of this program. The session ended with National Anthem.



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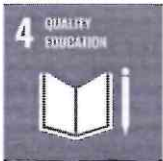
MATHS007

NBA Accredited  
(CSE, ECE, EEE,  
MECH, CIVIL)

**GUEST LECTURE ON APPLICATION OF STATISTICS IN ENGINEERING**

Event No	MATHS007
Organizing Department	Mathematics
Associate Dept.   NSC	Mathematics
Date	01/11/2022
Time	11:00 AM to 12:00 PM
Event Mode	Offline (With in the campus)
Event For	Students
Event Type	Guest Lecture
Event Level	Dept. Level
Venue	II year Chemical Class room
Total Participants	64
Faculty - Internal	1
Students - Internal	63

Related SDG



Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr.V Sangeetha	Assistant Professor, Department of Statistics, PSG College of Arts and Science, Coimbatore	Assistant Professor, Department of Statistics, PSG College of Arts and Science, Coimbatore	sangeetha@gmail.com	9994211670

Involved Staffs

Sl	Name	Role
1	Suriyakumar P	Coordinator

Outcome

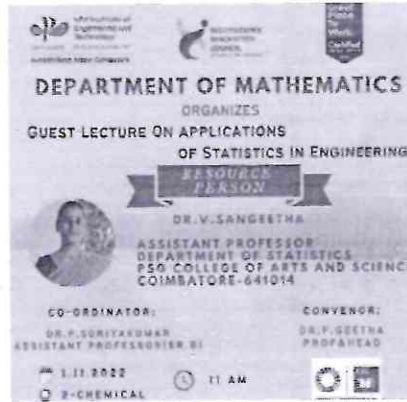
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MATHS006

NBA Accredited  
(CSE, ECE, EEE,  
MECH, CIVIL)**KPR MATH ART GALA 22'**

Event No	MATHS006
Organizing Department	Mathematics
Date	22/12/2022
Time	10:00 AM to 03:00 PM
Event Mode	Offline (With in the campus)
Event For	Students
Event Type	Competition
Event Level	Dept. Level
Venue	S&H Hall
Total Participants	40
Students - Internal	40

## Related SDG



## Involved Staffs

Sl	Name	Role
1	Subramanian Muthaiah	Co-convenor

## Outcome

Student got motivated towards Mathematics.

## Event Summary

Towards celebrating the National Mathematics Day on 22nd December 2022, Department of Mathematics, KPRIET have planned for a Drawing Competition in the name of **KPR MATH ART GALA 22'** for the First year students. After pre-approvals, Posters were released along with the registration link. Around 52 students were registered among them, 42 were participated in the ART contest. Competition was held in 3 Categories i) Foreign Mathematicians, ii) Indian Mathematicians and iii) i) Applications of Mathematics. Three winners were selected through Online Poll using polling software among all 1 Year students and prizes along with appreciation certificates were provided. All the participant's Arts were displayed as ART GALLERY @ S&H Hall for One week. **Dr. P. Thangaraj**, Director CFRD inaugurated the KPR MATH ART GALA GALLERY. **Dr. Kathirvelu M, Professor ECE, Dr. Balamurugan A, Professor CSBS, Dr. Rajkumar, Mech, Hod & Faculties of Mathematics Department** the Gallery Opening Ceremony.

For next Two week Gallery was visited by many Students and Faculty members. I CSE A - Deeghshika M, K.Sadhana I B Tech IT and Raja Mari I CSC C were got prizes in Foreign Mathematicians Category, Nirupama R IT, Hemant kumar sachdev 1st year AIML and I Chemical-K.V.Kayal were got prizes in Indian Mathematicians Category. I Mech- Himanshu Mohan Mishya, I ECE A- Hema Varshini and I Chemical-Harsha Vardhini were got prizes in Application of Mathematics Category. This event is planned to be conducted as yearly event for every December 22nd, National Mathematics Day for celebrating Birthday of the great Indian Mathematician Srinivasa Ramanujan.

**KPR MATH ART GALA 22'**  
Organized by  
Department of Mathematics  
On Celebrating  
**National Mathematics Day**

**Categories:**


- Indian Mathematicians
- Foreign Mathematicians
- Applications of Mathematics

December 22, 2022

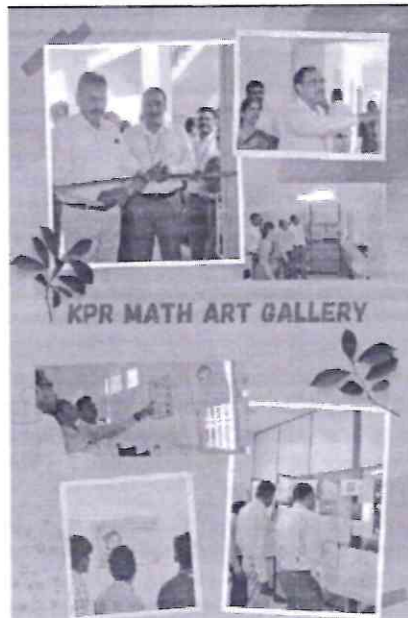
KPR Kumbakonam

Registration fee: Rs. 1000/-

Registration Link: <https://www.kpr.edu.in/Registration>

 KPR Institute of Engineering and Technology  
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**KPR MATH ART GALLERY**

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**KPR MATH ART GALA 22'**

  
**Winners**



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MATHS006

NBA Accredited  
(CSE, ECE, EEE,  
MECH, CIVIL)**KPR MATH ART GALA 22'**

Event No	MATHS006
Organizing Department	Mathematics
Date	22/12/2022
Time	10:00 AM to 03:00 PM
Event Mode	Offline (With in the campus)
Event For	Students
Event Type	Competition
Event Level	Dept. Level
Venue	S&H Hall
Total Participants	40
Students - Internal	40

## Related SDG



## Involved Staffs

Sl	Name	Role
1	Subramanian Muthaiah	Co-convenor

## Outcome

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## Event Summary

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**KPR MATH ART GALA 22'**  
Organized by  
Department of Mathematics  
On Celebrating  
**National Mathematics Day**

**Categories:**


- Solving Mathematically
- Finding Mathematically
- Applications of Mathematics

**December 22, 2022**

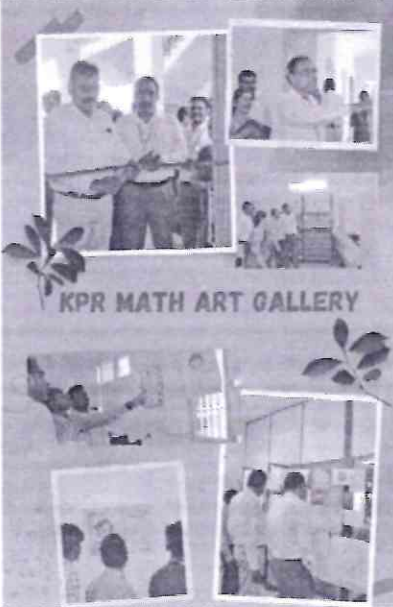
**20th Kollam Engineering**

Organized by the Dept. of Mathematics, KPR Institute of Engineering and Technology, Kollam

[Registration Link: https://forms.gle/8mTtM3k3k3k3k3k3](#)

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**KPR MATH ART GALLERY**

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**Winners**

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TEACHING LEARNING PROCESS

Event No	MATHS005
Organizing Department	Mathematics
Date	22/12/2022
Time	06:30 PM to 07:30 PM
Event Mode	Online Event
Event For	Students
Event Type	Workshop (online)
Event Level	Institute
Meeting Medium	Google Meet
Meeting Link	<a href="https://meet.google.com/fer-wjxr-ode">https:// meet.google.com/fer-wjxr-ode</a>

Related SDG



Involved Staffs

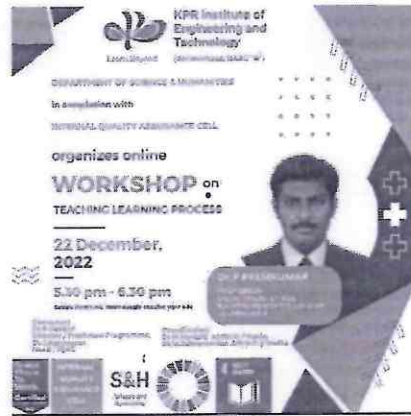
Sl	Name	Role
1	Subramanian Muthaiah	Coordinator
2	Myvizhi M	Coordinator

Outcome

--NA--

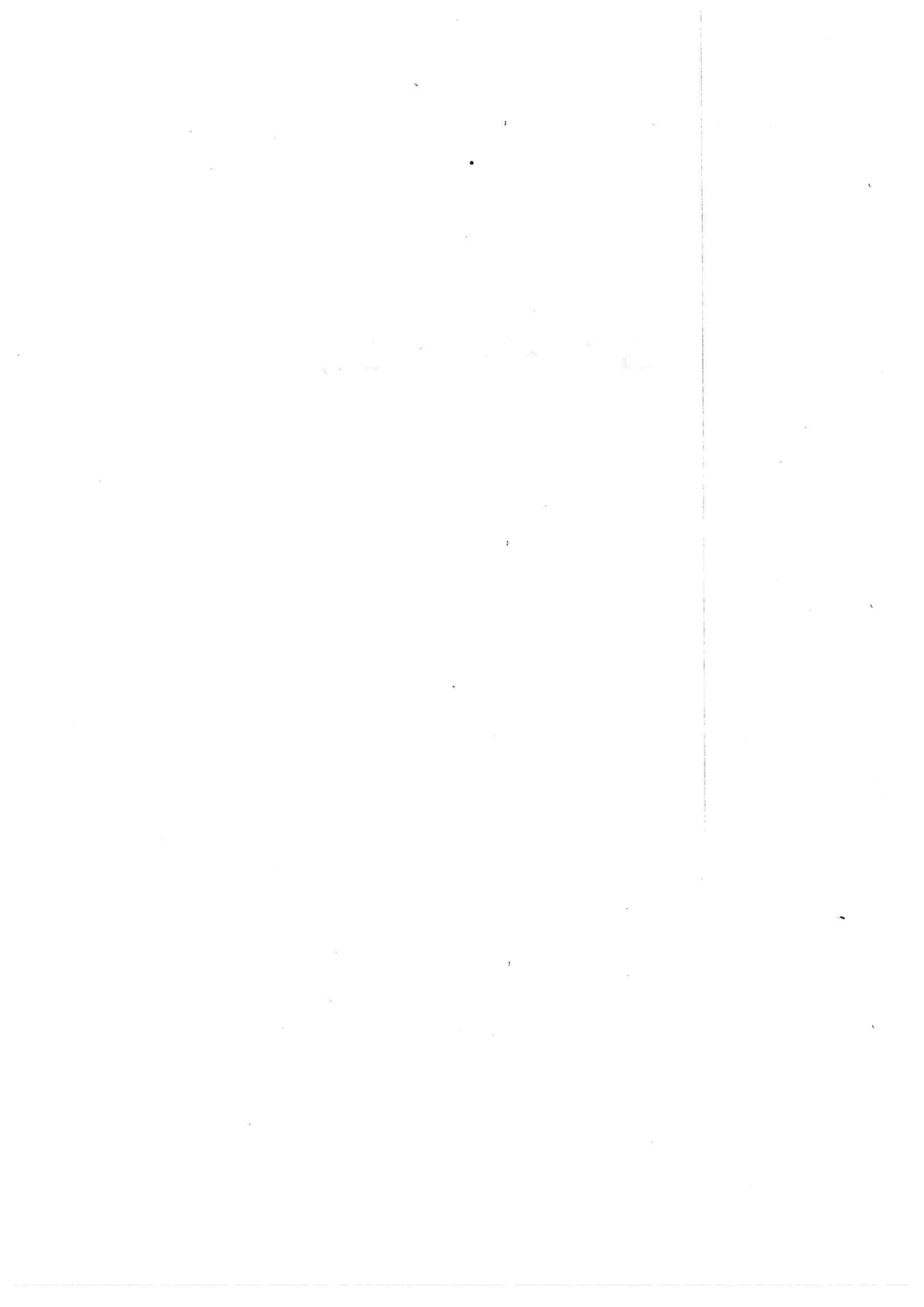
Event Summary

--NA--



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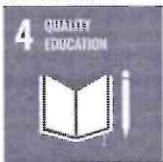
MATHS004

NBA Accredited  
(CSE, ECE, EEE,  
MECH, CIVIL)

**KPR MATH ART GALA**

Event No	MATHS004
Organizing Department	Mathematics
Date	22/12/2022 to 23/12/2022 (2 Days)
Time	09:30 AM to 11:00 AM
Event Mode	Offline (With in the campus)
Event For	Students
Event Type	Competition
Event Level	Institute
Venue	Ragam Hall

**Related SDG**



**Involved Staffs**

Sl	Name	Role
1	Subramanian Muthaiah	Coordinator
2	Prakash M	Coordinator

**Outcome**

--NA--

**Event Summary**

--NA--

**KPR MATH ART GALA 22<sup>nd</sup>**  
Organized by  
Department of Mathematics  
On Celebrating  
**National Mathematics Day**

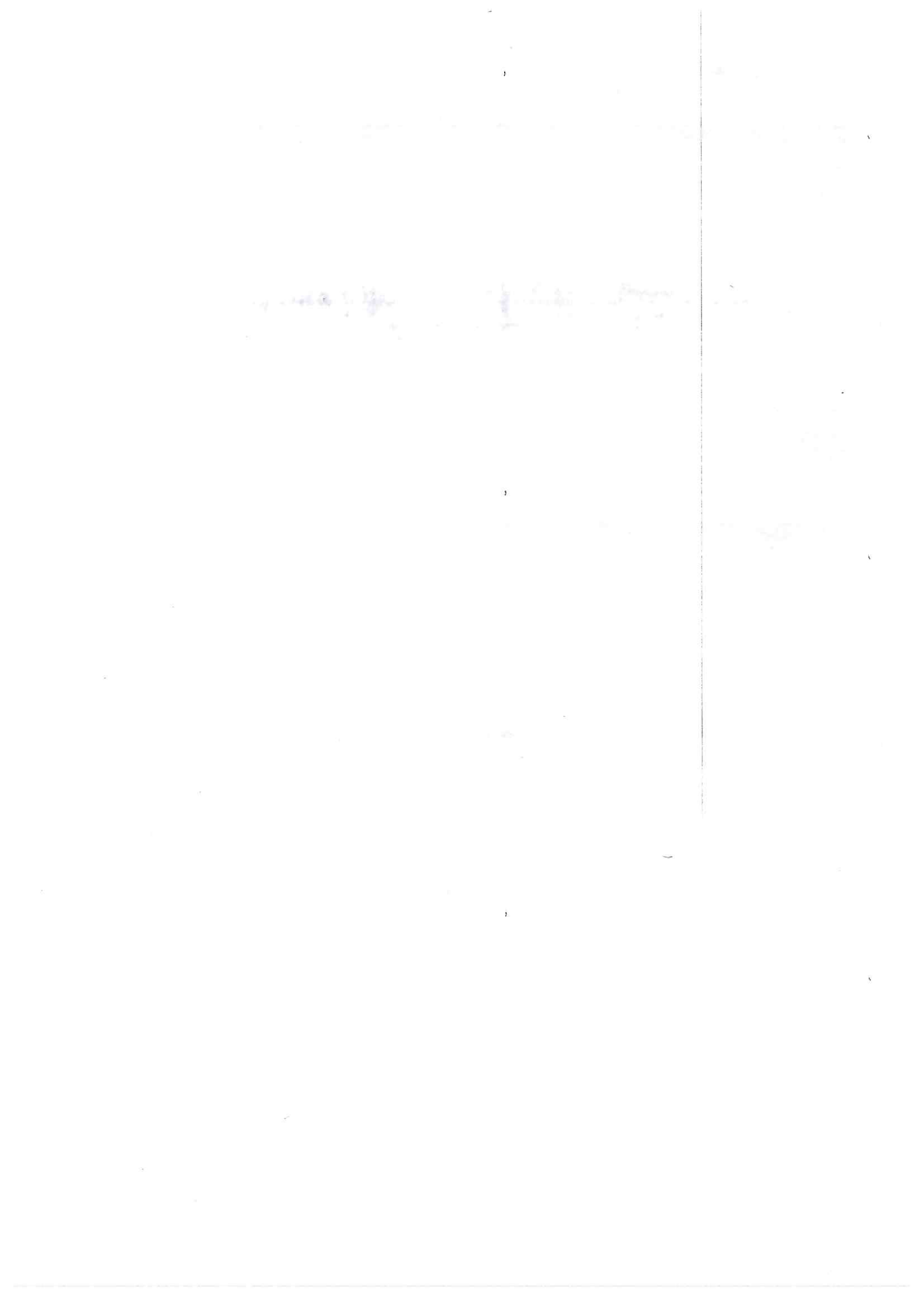
**Categories:**  
• Indian Mathematicians  
• Foreign Mathematicians  
• Applications of Mathematics

December 22, 2022  
KPR Institute of Engineering and Technology

Participants will be provided for all participants

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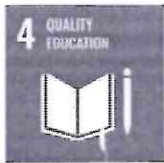




**TEACHING LEARNING PROCESS**

Event No	MATHS005
Organizing Department	Mathematics
Date	22/12/2022
Time	06:30 PM to 07:30 PM
Event Mode	Online Event
Event For	Students
Event Type	Workshop (online)
Event Level	Institute
Meeting Medium	Google Meet
Meeting Link	<a href="https://meet.google.com/fer-wjxr-ode">https:// meet.google.com/fer-wjxr-ode</a>

Related SDG



Involved Staffs

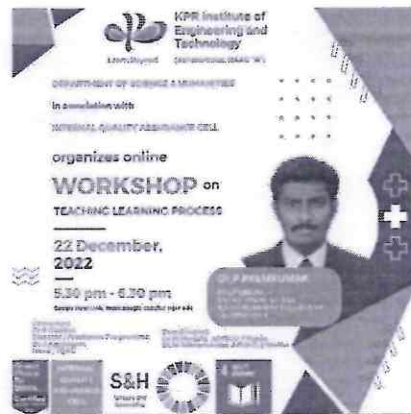
Sl	Name	Role
1	Subramanian Muthaiah	Coordinator
2	Myvizhi M	Coordinator

Outcome

-NA-

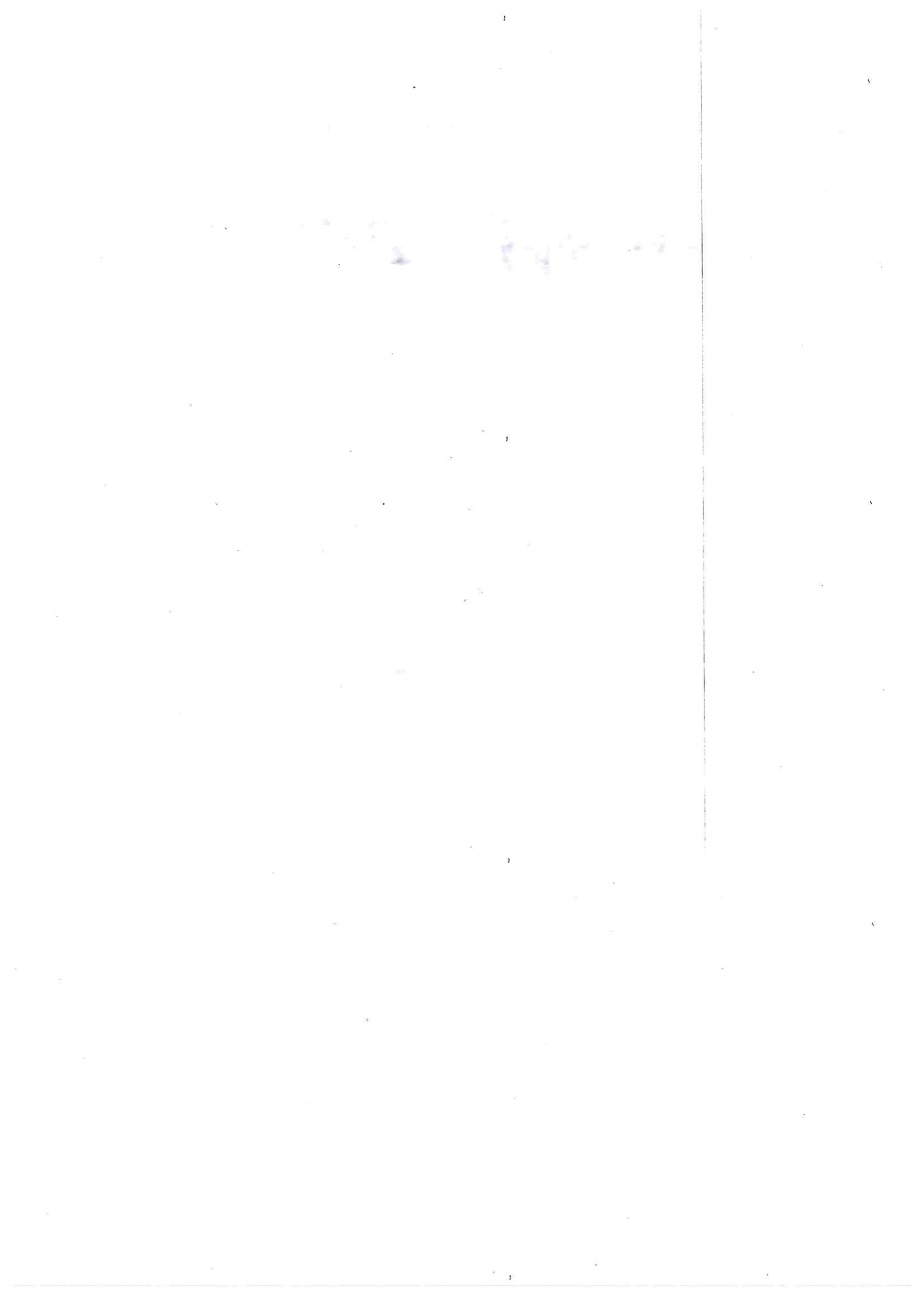
Event Summary

-NA-



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Learn Beyond

**KPR Institute of Engineering and Technology**

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600

Web: kpriet.ac.in

Social: kpriet.ac.in/social

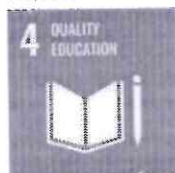
MATHS001

**NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)

## SCIENCE ACADEMIES' LECTURE WORKSHOP ON ENGINEERING MATHEMATICS

Event No	MATHS001
Organizing Department	Mathematics
Date	04/01/2023 to 05/01/2023 (2 Days)
Time	09:00 AM to 04:30 PM
Event Mode	Offline (With in the campus)
Event For	Public (Others)
Event Type	Workshop
Event Level	State
Venue	Veena Hall
Registration Link	<a href="https://forms.gle/3j8CbtFIFuJXi2De9">https://forms.gle/3j8CbtFIFuJXi2De9</a>
Total Participants	150
Faculty - Internal	20
Faculty - External	20
Students - Internal	30
Students - External	80

## Related SDG



## Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Chief Guest	M Laxmanan	Serb National Science Chair	Bharathidasan University	lakshman.cnld@gmail.com	9940823079
2	Resource Person	P Kandaswamy	Professor (rtd)	Bharathiar University	pgkswamy@yahoo.co.in	9443126183
3	Resource Person	G D Veerappa Gowda	Professor	TIFR Centre for Applicable Mathematics	gowda@tifrbng.res.in	9740818971
4	Resource Person	S Saravanan	Professor	Bharathiar University	drsshavan@gmail.com	9442637257

## Involved Staffs

Sl	Name	Role
1	Raja N	Coordinator

## Outcome

The lectures delivered at the workshop motivated the participants to get involved in mathematical modelling of engineering problems.

## Event Summary

A two days Science Academies' Lecture Workshop on Engineering Mathematics was conducted in the Department of Mathematics, KPR Institute of Engineering and Technology (KPRIET), Coimbatore 641 407, Tamilnadu during 04 & 05 January 2023. On 04 January 2023, the workshop inaugurated with prayer song. The Workshop Coordinator Dr. N. Raja, Assistant Professor (SL.G), Department of Mathematics, KPRIET welcomed the participants. Dr. M. Akila, Principal, KPRIET delivered the presidential address and she emphasized the importance of studying Mathematics to the participants. Dr. K. Karthikeyan, Professor and Head, Department of Mathematics, KPRIET briefly explained about the aim of the workshop. A short introduction to the activities of three Science Academies was given by the Workshop Convener Prof. M. Laxmanan, FNAsc., FASc., FNA. He explained about summer research fellowship program and its benefits to the participants. Finally, the Workshop Coordinator thanked the participants.



The first session of the workshop was handled by Prof. G. D. Veerappa Gowda, FNASc., FASc., FNA, Centre for Applicable Mathematics, TIFR. He spoke on "Numerical Methods for hyperbolic conservation laws". He started with the basics of partial differential equations followed by numerical methods. Then he explained about the numerical methods for hyperbolic PDEs. At the end of the session participants have raised the queries and discussed with the speaker.

The second session of the workshop was handled by Prof. P. Kandaswamy, FNASc., Bharathiar University. He spoke on 'Mathematical Model for Human Immune System'. He explains how our immunity affects the growth of different virus via both biological and mathematical way and also he demonstrate the mathematical model behind the process. His lecture was thought provoking and praised by all.

The third session of the workshop was taken by Prof. G. D. Veerappa Gowda and he continue his first lecture. He gave an outline of Finite difference, Finite Volume methods to solve partial differential equations and he discussed about advantages and disadvantages of each method.

The last session for day 1 was engaged by Prof. P. Kandaswamy. He pointed out how mathematics plays a crucial role everywhere in nature with some interesting real life applications. The way explaining the concepts and through simple arguments was appreciated by all. The second day of the workshop started with an inspiring talk on Nonlinear Ordinary Differential Equations: Bifurcations and Chaos by Prof. M. Laxmanan, Bharathidasan University. Initially he gave a clear introduction of nonlinear dynamics and then he presented an elaborate lecture about bifurcation and chaotic behavior of solutions of nonlinear ODE with examples. Participants asked their doubts and got them cleared.

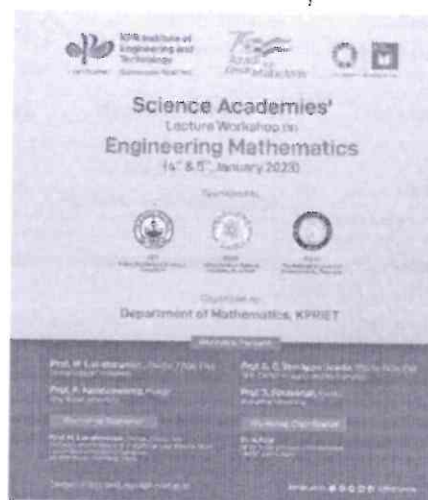
Second session of Day 2 was engaged by Prof. S. Saravanan, Bharathiar University. His topic was Numerics for Navier-Stokes Equations: Finite Volume Method. Initially he pointed out the need of numerical solutions and he listed out various numerical methods. Then he clearly explained the solution procedure of finite volume method for diffusion equation with some examples. The session was highly interactive.

The third session was handled by Prof. M. Laxmanan. He gave a talk on Nonlinear partial differential equations: Solitons. He started with an introduction of linear dispersive PDEs and its solution by Fourier transform technique. Then he explains about KdV equation and its solitary wave solutions. At the end of his talk there was healthy exchange of ideas between the resource person and the participants.

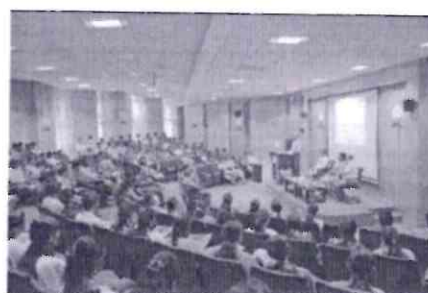
Prof. S. Saravanan continued his lecture in the last session. He gave a talk on how to solve the convection-diffusion equation by Finite Volume Method. He explained the various schemes for approximating the convective terms. Participants asked their doubts and got them cleared.

At the end, Prof. S. Saravanan, FNASc spoke for few minutes about Science Academies and appreciated the workshop coordinator for well planning of the workshop. He suggested the Department of Mathematics to conduct many other similar workshops and seminars in years to come. Finally, Dr. N. Raja, Workshop coordinator gave a vote of thanks. The two days' workshop came to an end.

The lectures delivered at the workshop motivated the participants to get involved in mathematical modelling of engineering problems.

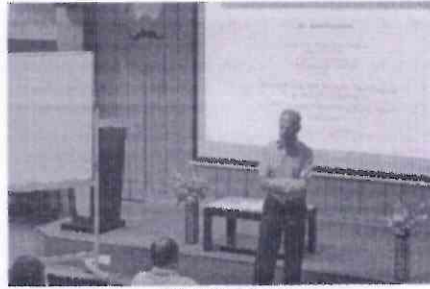


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