



KPR INSTITUTE OF ENGINEERING AND
TECHNOLOGY-COIMBATORE

DEPARTMENT
OF SCIENCE
AND
HUMANITIES

NEWSLETTER - JAN. 2022

VOLUME 1 ISSUE 1

EDITORIAL BOARD

Editor in Chief

Dr. P. Geetha

AsP/Head/Department of Science and Humanities

Editor

Ms. R. Vidhiya

AP (Sr.G.)/ Department of English

Contents

Events Organised

Resource Persons

Publications

Achievements by the Students

Concept Note

One positive thought can change the whole world. A positive thought is a belief or a mental attitude that reinforces optimism in human mind. Education is the key to unleash the positive thoughts in one's mind. A positive thought attained with education leads to transformation of energy into reality and makes a healthy, determinant and self-independent people. It is the responsibility of an institution to contribute such eminent people to the society who could change world through the education they have attained. KPRIET is successful in such contributions to the society. This issue of newsletter is the evidence of such contributions where the actions of the faculty members play a major part in creating a positive change in the world.

EVENTS ORGANISED

MoC AUDITION

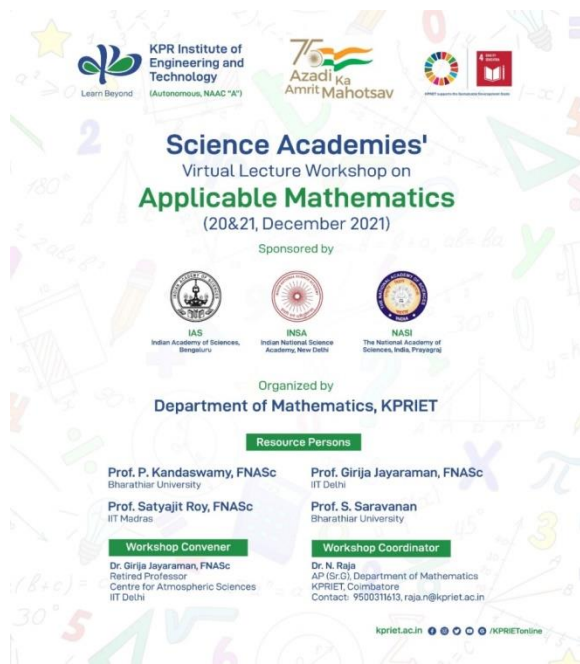
The Department of English and Literary Club organized an audition titled “MoC Audition” on 11th Dec. 2021, for all KPRIET students. The objective of the event is to increase their creativity and speaking skills of the students to do Master of Ceremony. The students were auditioned by preparing their own content. The contest was conducted in offline mode at Thanam Hall. 31 students participated from various departments. Eight students were shortlisted from the audition for further training and performance in events. Further, a few fun activities were also conducted for the students.



SCIENCE ACADEMIES VIRTUAL LECTURE WORKSHOP ON APPLICABLE MATHEMATICS

The Department of Mathematics, has organized Science Academies Virtual Lecture Workshop on Applicable Mathematics from 20th Dec. 2021 to 21st Dec. 2021 which is sponsored by Indian Academy of Sciences - Bengaluru, Indian National Science Academy - New Delhi, The National Academy of Sciences - Prayagraj. The resource persons were Dr. P. Kandaswamy, FNASc, Former Professor, Department of Mathematics, Bharathiar University, Coimbatore; Dr. Girija Jayaraman, FNASc Retired

Professor, Centre for Atmospheric Sciences, IIT Delhi New Delhi; Dr. Satyajit Roy, FNASc Professor, Department of Mathematics, IIT Madras; Dr. S. Saravanan, Professor, Department of Mathematics, Bharathiar University, Coimbatore delivered lectures on basic and advanced topics in applied Mathematics. There were 140 participants from KPRIET as well as from other institutions participated in the workshop. The participants have gained a lot of information from the workshop.



YOUTH BUILD – EMPOWERING THROUGH ENLIGHTENING SELF

Department of Science and Humanities has organised a training programme titled “Youth Build – Empowering through Enlightening Self” on 20th and 21st Dec. 2021. Ms. Shanmathy Karthik, Founder & CVO WITTYWISE, Coimbatore; Ms. Sruthi Mashru, Coach and Mentor WITTYWISE, Hyderabad and Mr. S. Karthikeyan, Software Architect, Coimbatore were the resource persons. They overpowered the session with enthusiastic lecture which mesmerised the participants which made them ask for similar programmes in the future.



INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES IN ENGINEERING AND ADVANCED TECHNOLOGIES

Department of Science and Humanities has organised an “International Conference on Mathematical Sciences in Engineering and Advanced Technologies” on 22nd and 23rd of December 2021. Dr. P. Geetha, Head, Department of Science and Humanities was the Convener of the programme. Dr. M.S. Karthikeyan, Head, Department of Chemistry; Ms.S.Bhuvaneshwari, Head, Department of Physics & Dr. M. Hema, Head, Department of English were the co-conveners of the programme. The conference was co-ordinated by Dr. K. Karthikeyan, Mr. Arulpandy, Dr. M. Subramanian, Assistant Professors of Mathematics; Dr. E. Ranjith Kumar, Assistant Professor of Physics and Dr. P. Anilkumar, Assistant Professor of

Chemistry. The keynote speakers for the conference were Dr. T. Joseph Sahaya Anand from Malaysia, Dr. Yarub Al-Douri from Iraq, Dr. Ganesan Elumalai from



Japan and Dr. Manoj Sahni from India. They shared their ideas on the domains of Material science, Solar Energy and Image Reconstruction. There were 168 participants participated in the programme among which 128 participants presented their research papers at the international conference. The selected research papers are in the process of publication in the Scopus Indexed as well as Web of Science Journals. The Chairman and Madam Principal of KPRIET appreciated the whole Science and

Humanities department for organising such programme that contributes to the research. Many positive feedbacks were received from the resource persons as well as from the participants who exclusively appreciated for the wonderful organisation of the conference.

WHY MENTORING IS IMPORTANT? ESPECIALLY POST PANDEMIC

Department of Science and Humanities has organised training programme on the topic “Why Mentoring is Important? Especially Post Pandemic” for the mentors and chief mentors of KPRIET to help them understand the importance of mentoring and understanding the psyche of the students who comes to college in post pandemic. Ms. Eranga Samarawickrama, Founder & Director of HRMS, Human Resource Mentor, Colombo Srilanka and Mr. Raof Riaz, Director Consultant and Mentor, MD Raja Furniture Coimbatore have the resource persons of the programme.



Why Mentoring is Important Especially POST PANDEMIC

Webinar - ZOOM
Organized by
Dept. of Science and Humanities

Resource Persons:



27 December 2021
Ms. Eranga Samarawickrama
Founder & Director of HRMS,
Human Resource Mentor,
Colombo, Sri Lanka.



29 December 2021
Mr. Raof Riaz
Director Consultant and Mentor,
MD Raja Furniture,
Coimbatore.

27 - 29 December 2021
9.00 am to 12.00 pm
Veena Hall

 KPR Institute of
Engineering and
Technology
(Autonomous, NAAC "A")

S&H
Science and
Humanities

 WITTY WISE
kpriet.ac.in
/KPRIETonline

The programme gave new perspectives on the mentoring which helped them to handle students even better in the present scenario. The programme was organised from 27th Dec. to 29th Dec. 2021.

EXTENSION ACTIVITY IN KG INTERNATIONAL SCHOOL

The Faculty members of the Department of Chemistry delivered lecture to 12th standard students of KG International School, Annur as a part of ISR activity on 6th & 7th, January. Dr. M. Vinolia Thamilarasi & Dr. Saravanan delivered lecture on preparation, properties and applications of Aldehydes and Ketones on 6th Jan. 2022.

Ms. R. Jagadeeswari and Ms. D. Sudha delivered a lecture on the preparation, chemical properties and uses of carboxylic acids and amines



on 7th Jan. 2022. The Principal of the KG International School welcomed the guest and advised the students to make use of this opportunity to enhance their knowledge in the particular topics. The lecturers adopted innovative teaching methodology to ensure that the

students understand the basic concepts, name of the compounds and reactions involved in it. The students were interactive throughout the sessions. They got benefited from this lecture and gave a positive feedback. Principal appreciated the effort taken by the Department of chemistry, Principal and Management of KPR Institute of Engineering and Technology and assured that this kind of activity will be conducted in future and requested to support in future activities also.

QUIZ SERIES ON PHYSICS

Department of Physics in association with ISTE Students chapter has organized “Quiz Series on Physics” in online on 25th January 2022. Dr. R. Subramanian @ Raja, Assistant Professor of Physics (Sr.G.) co-ordinated the event and Ms. S. Bhuvaneshwari, Head, Department of Physics headed the event. 204 participants from various institutions participated in the quiz programme. The

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

Department of Physics
in association with ISTE students chapter

Conducts

"Quiz series on Physics"
Play the Quiz to self-assess your knowledge on Physics!
Join us at shorturl.at/hBSX1
Grab your e-Certificate securing 50%!

Dr. R. Subramanian @ Raja
Assistant Professor (Sr.G.) / Physics
Co-ordinator

Mrs. S. Bhuvaneshwari
Head / Physics

Date : 25-01-2022
kpriet.ac.in

participants who have secured 50% of the total score have received e-certificates in the programme. Principal of KPRIET has appreciated the department for organising such programme in the semester. There have been many positive feedbacks received from the students and they requested similar kind of technical events in the upcoming days.

WEBINAR ON HALIDE PEROVSKITE MATERIALS FOR NEXT-GENERATION OPTOELECTRONICS APPLICATIONS

Department of Chemistry has organized a webinar titled “Halide Perovskite Materials for Next-generation Optoelectronics Applications” on 27th Jan 2022 via Zoom. The resource person of the event was Dr. Easwaramoorthi Ramasamy, MRSC, Scientist E, Centre for Solar Energy

The poster features the KPR Institute of Engineering and Technology logo at the top right, with the tagline 'Learn Beyond' and '(Autonomous, NAAC "A")'. Below this, it states 'DEPARTMENT OF CHEMISTRY Organizes Webinar on Halide Perovskite Materials for Next-generation Optoelectronics Application'. The resource person is identified as Dr. Easwaramoorthi Ramasamy, MRSC Scientist E, Centre for Solar Energy Materials, ARCI, Hyderabad. The event is scheduled for 27 January 2022 at 2.30 pm via Zoom Meet, with the link <https://bit.ly/3qTJm8V>. The poster also includes the logo of the Institute for Technical Education (ISTE) and icons for Sustainable Development Goals 7, 11, and 12. At the bottom, it mentions 'KPRIET supports the Sustainable Development Goals' and provides the website 'kriet.ac.in' and social media handles for Facebook, Twitter, and YouTube.

Materials, International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad. The webinar focused on the synthesis of halide perovskite materials for solar cells and opto electronics applications. A Zoom meeting was conducted with 250 members of faculty,

research scholars and students of KPR Institute of Engineering and Technology, Coimbatore, Tamilnadu. The resource person briefed about the synthesis of halide perovskite materials for solar cells and opto electronics applications. Through the lecture, the audience has got new insights about the topic.

HANDS ON TRAINING IN MATLAB

Department of Mathematics has organised a training programme in the Zoom Platform exclusively for the students on the topic “Hands on training in MATLAB” for the first year students of KPRIET on 29th Jan. 2022. Dr. V. Parthiban, Assistant Professor, Mathematics Division, School of Advanced Science, VIT – Chennai was the resource person for the session. There were 190 participants including students and research scholars of KPRIET. The resource person has given new insights on MATLAB which took the participants to a new dimension in the learning sector. The Convener of the programme Dr. P. Geetha Head, Department of Mathematics and the faculty coordinators Dr. M. Myvizhi, Assistant Professor (Sl.G) and Ms. M. Narmatha, Assistant Professor, Department of Mathematics have received positive feedback from the participants as well as from the resource person regarding the programme.



The poster is for a training session titled "Hands on training in MATLAB". It is organized by the Department of Mathematics at KPR Institute of Engineering and Technology. The resource person is Dr. V. Parthiban, Assistant Professor in the Mathematics Division at the School of Advanced Sciences, Vellore Institute of Technology - Chennai. The session is scheduled for 29.01.2022 from 2.00 pm to 3.30 pm via Zoom Meet. The registration fee is Rs. 50, and the Gpay number is 9952206935. The poster also lists the convener, Dr. P. Geetha, and faculty coordinators, Dr. M. Myvizhi and Ms. M. Narmatha.

Department of **Mathematics**
Organizes

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

Hands on training in MATLAB

Dr V PARTHIBAN
Assistant Professor
Mathematics Division
School of Advanced Sciences
Vellore Institute of Technology - Chennai

29.01.2022
2.00 pm - 3.30 pm
Zoom Meet
forms.gle/JPC5Vb1GzZBu57oi7

Registration fee : Rs.50
Gpay number : 9952206935

Convener
Dr.P.Geetha
Head /Mathematics

Faculty Coordinators
Dr M Myvizhi, AP(Sl.G)
Ms M Narmatha, AP

RESOURCE PERSONS

SHAHID MATANGINI HAZRA GOVERNMENT COLLEGE FOR WOMEN
DEPARTMENT OF ENGLISH
ONLINE LECTURE SERIES

DECEMBER 5
 12 NOON

SPEAKERS:
MR. AMAR CHAKRABORTTY- MAHASWETA DEVI'S DRAUPADI **DR. SARANYA RAJENDRAN- TONI MORRISON'S BELOVED**




Contact us: vista2405@gmail.com

Principal
 Dr. Bijoy Krishna Roy

Organised by:
 Department of English

Convenors
 Yasmin Chaudhuri, HOD,
 Department of English
 Sayantika Sen, Assistant
 Professor, Department of English

Google meet
 To join the video meeting, click this link:
<https://meet.google.com/ovt-pejg-ava>

To join by phone instead, dial (US) +1 216-584-5590 and enter this PIN: 904 167 112#

Dr. R. Saranya, Assistant Professor of English (Sl. G) has delivered a lecture on “Toni Morrison’s *Beloved*” organised by Department of English, Shahid Matangini Hazra Gvernment College for Women on 5th Dec. 2021.

Ms. S. Brindha, Assistant Professor of English (Sr.G.) has delivered a lecture in “Creative Resume Writing” in Life Skill Education Series organised by KPRIET on 22nd Jan. 2022.



Life Skill Education Series

Creative Resume Writing

22.01.22
 11:00 am to 12:30 pm



Prof. S. Brindha
 AP(Sr.G)/ English

Register Now!
 Seats are Limited!

III year Exclusive
 Contact: SA Coordinators

JAI SHRIRAM ENGINEERING COLLEGE
 Tirupur-638660

DEPARTMENT OF SCIENCE AND HUMANITIES

Webinar on

DESIGN THINKING

RESOURCE PERSON



Dr. K. JANAKI,
 Assistant Professor (Sl. G),
 Department of Mathematics,
 KPR Institute of Engineering
 and Technology,
 Coimbatore.

Date : 28/01/2022
 Time : 10.00 am

Ms. P.BASKAR
 AP/MATHEMATICS
 CO-ORDINATOR

Ms. P.UMAPATHI
 HOD/SSH
 CONVENOR

Dr. C. RAMESH KUMAR
 PRINCIPAL
 PATRON

Dr. K. Janaki, Assistant Professor (Sl.G.), Department of Mathematics, has delivered a webinar on “Design Thinking” organised by Department of Science and Humanities, Jai Shriram Engineering College, Tirupur on 28th Jan. 2022.

PUBLICATIONS

M. Subramanian, Assistant Professor of Mathematics has published a paper titled “Analysis of Boundary Value Problem with Multi-Point Conditions Involving Caputo-Hadamard Fractional Derivative” in *Proyecciones (Antofagasta)*

S. Suriya Uma Devi, Assistant Professor of Mathematics has published a research paper titled “Irreversibility Intent Triple Diffusion Stream over Porous Medium Plate with Radiation and Joule Heating” in *Chemical Engineering Communications* in 2021.

P. Arulpandy “Bipolar, Assistant Professor of Mathematics has published a research paper titled Neutrosophic Soft Generalized Pre-Continuous Mappings” in *International Journal of Neutrosophic Science* in 2021.

V. Gayathri, Assistant Professor of Physics has published a research paper titled “Anticancer and antimicrobial evaluation of novel conductive ZnO₂ doped polymer patches for cancer treatment and tissue engineering applications” in *Polymer Bulletin* in Jan 2022.

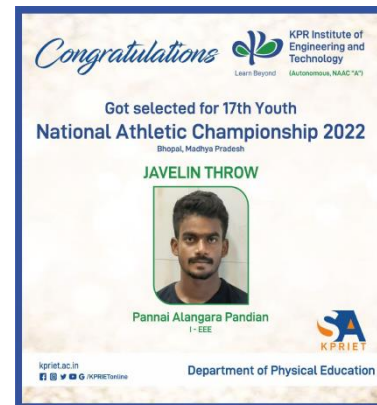
R. Vidhiya, Assistant Professor of English has published a research paper titled “Traces of Scrupulosity in the Character Alan Strang – A Psychological Study on the Theological Obsession in Peter Shaffer’s *Equus*” in *Multidisciplinary Research Volume – 3* in Dec. 2021.

ACHIEVEMENTS BY THE STUDENTS



Mr. P. Balaji of I ECE-A has participated in 38th Taminadu State Karate Champinship for Under-21 & Senior, held at Youth Hostel, Adayar, Chennai – 20 from 3rd Dec. 2021 to 4th Dec. 2021 and has secured Third place in Senior Male Kumite – 67 kg

Mr. S. Pannai Alangara Pandian of I EEE-B has received Silver medal in the 35th Tamilnadu Junior Athletics Championship organised by Dindigul district Athletic Association in NPR College of Institution from 8th Dec 2021 to 11th Dec. 2021



Ms. S Susmitha of I EEE-B has received Gold Medal in the 4th National Roller Skate Basketbal Championship in 2021 held in J.P. Jain Sr. Hr. Sec. School, Sonipat, Hariyana from 13th Jan. 2022 to 16th Jan. 2022.
