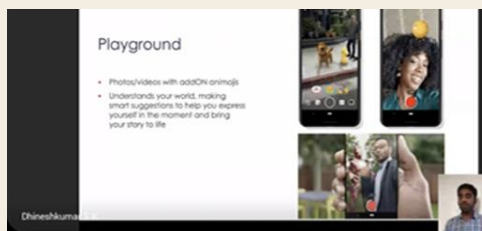


Department of Mathematics

A monthly Newsletter

Accentuate Activities

current topics >>>



Data analytics has a wide range of benefits & applications ranging from increasing revenue, responding to emerging trends, improving operational efficiency, optimizing marketing to creating a competitive advantage & much more. But in the world of ever increasing exponential production of voluminous data of varying technical and statistical complexity, data mining, analysis & interpretation becomes more complex, but AI can combat that by aiding towards instantaneous & more precise extraction & analysis of data

Expert Conversations Making a good first impression counts! Artificial Intelligence in Analytics

Department of Mathematics organized an expert conversation titled, 'Artificial Intelligence in Analytics' on 14th August, 2020

The session holder was Mr. Dinesh Kumar, Project Lead, Lantrasoft Pvt. Ltd, Coimbatore. Students from the Department of Mathematics, KCLAS & various other departments of KCLAS & KCT & students from external colleges also joined the conversation.

The session holds with real time applications that had AI as its bottom line & complete essence like the Siri Suggestions that use in app AI processing, custom workflows with in app & connecting devices AI, iOS Photos with real time processing & with AI providing portrait functionalities, Home Court app with Real time Video Analytics & AI processing techniques, Google Pixel Camera with real time Analytics & Intelligence with AI

current topics >>>

Analytics for All-Demystifying Data Science

The session holder was Mr. Vivek Raj S N, Assistant Professor from KCT Business School, Coimbatore. Students from the Department of Mathematics, KCLAS & various other departments of KCLAS & KCT participated.

Demystifying Data Science helps to understand key concepts, adopt readiness for future trends, explore advanced analytical techniques and frameworks for defining high value and impactful data

The session holds key data mining techniques such as predictions, classification, association and clustering. Quiz was conducted by the guest in-between each topic to keep the participants active and interactive. Different levels of analytics such as descriptive, diagnostic, predictive and prescriptive analytics with their importance and use in day to day life are discussed importance and use in day to day life are discussed Organizations aim at converting large volumes of data into useful information and valuable insights. Data analytics, helps in accomplishing this by unlocking the power of data and providing a competitive edge to help gain valuable knowledge which would otherwise be lost from masses of information.



Current topics >>>

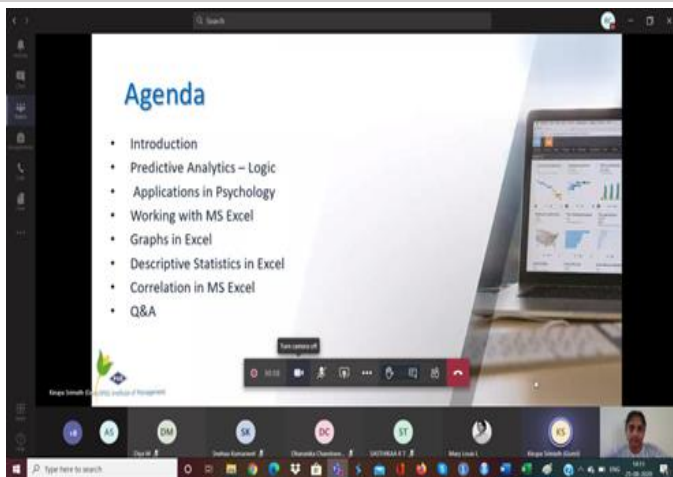
Vedic Mathematics is a must-learn tool for students to perform faster and flawless calculations in a few seconds in exams like CAT, XAT, UPSC, SSC, NTSE, and banking . Additionally, its beauty also lies in allowing room for ample experimentation

Vedic Mathematics- Sutras to cure Maths Phobia

The session holder was Dr.Vijeta Iyer, Assistant Professor, Kumaraguru College of Technology, Coimbatore. The session started with an introduction to “ What is Vedic Mathematics?” and its origin, its role in each and every aspect of Maths. Then the session proceeded with the contribution of Sutras and Sub-Sutras in Vedic Mathematics. Sutras like “Ekadhikena Purvena - By one more than the one before” has been depicted and few more essence has been added to them with few more basic methods like finding square of numbers ending in 5 and Multiplying any two numbers : Unit’s digit add up to 10 and Ten’s. place digits are same has been explained. In order for the better understanding the participants were asked to solve the given problems

Essential Tips in Work shop

Excel for Predictive Analytics



Excel for Predictive Analytics

The session holder was Dr. Kirupa, Associate Professor-HR, PSG Institute of Management, Coimbatore. Students from the Department of Mathematics and Department of Psychology of KCLAS participated. The session started with the introduction of Predictive Analysis, its role in our day-to-day life. Then the session proceeded with a few examples of real time applications that involved prediction and decision making. We were taught about the pivot table which is used to organise and analyse the random data. Correlation and Descriptive statistics were also taught and many daily routine examples of Predictive Analytics were also discussed. Math is indeed used in every part of our life whereas today's session took us to another greater platform of learning

Describe

Diagonise

predict

prescribe

SEED 2019 BATCH STUDENTS' PARENT SUPPORT MEETING.....

Kumaraguru College of Liberal Arts and Science organised a 'SEED 2019 Batch Students' Parent Support Meeting' on 28th August ,2020 from 5.30 pm to 6.30 pm via Microsoft Teams., All Parents of students of SEED 2019 batch participated in the meeting. The session started at 5.30 pm with Ms. Poornimaa welcoming the audience & Dr. Mary Louis briefed about the activities of KCLAS. The session started with an introduction about our founder, vision and mission of KCLAS. Then the session proceeded with the Student's Achievements. All the students shared their journey and achievements in KCLAS. The main objective of the meeting was to create a common platform, where faculties and parents come together to discuss student's performance and devise ways to enrich their learning experience



KCLAS STUDENT CORNER

Ms. Sasthikaa.T of II B.Sc Mathematics published a poem in the book titled, "Ullangayil Aimbathu Vaanam" released on 27th August 2020. The book aggregates the poems of all 50 poetesses who recited their poems in an exclusive confluence for poetesses across Tamil Nadu(titled "Penpa" event), hosted as a part of Codissia Book Fair

SNO	NAME OF THE STUDENT	No.of Webinars ATTENDED
1	AISHWARYA S	13
2	ASHIKA S	02
3	BRRINDA M	07
4	DHARUNIKA C	11
5	FAYAZ AHAMED S	06
6	KARTHEEPAN C	03
7	NISHANTH J	01
8	POORNIMAA R S	01
9	RASIKA PRIYA M	02
10	RITHIKA C	14
11	SASTHIKAA K T	15
12	SHEHAA K	11
13	KOWSALYA S	02

coming soon >>>

Students Math Forum

MATHLETES

Series of competitions.....

Future Events >>>

Optimization Techniques

Predictive Analytics using Python

Mathematical modelling techniques

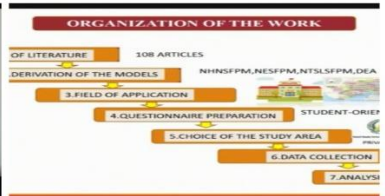
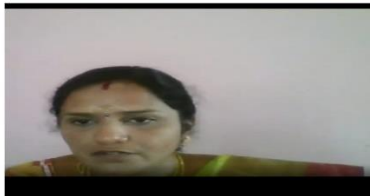
Numerical methods for Boundary Layer Analysis



Ms.R.Jagatheeshwari

She has qualified Tamilnadu state level eligibility test for Assistant professor (TNSET). Published Articles in National and international journals in the area of fuzzy sets. Her hobbies includes Podcast and reading books. She has 6 years of teaching experience.

External Engagement by Faculty



Dr. L. Mary Louis conducted Viva Voce Examinations for her Ph.D research scholars Ms. Shameena Khan and Ms. Sangeetha on 19.8.2020 and 21.8.2020 on the topics 'Parametric and Non parametric Models to Measure Cost Efficiency Scores' and 'Probabilistic and Deterministic Models in Measuring Technical Efficiency' at Avinashilingam University.

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