



Vidyavardhaka Sangha[®], Mysore
VIDYAVARDHAKA COLLEGE OF ENGINEERING

Autonomous Institute, Affiliated to Visvesvaraya Technological University, Belagavi
(Approved by AICTE, New Delhi & Government of Karnataka)

Accredited by NAAC with 'A' Grade

Department of Mathematics

Phone: +91 821-4276243, Email: hodmaths@vvce.ac.in

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Silver Jubilee Celebrations

Club Name: **MATH TEA Club**

Department: **Mathematics**

Sl. No.	Activity Details	Date of Conduction
1	Inauguration of 'MATH TEA Club' and a Special Lecture	June 29, 2022
2	Special lecture on "Essence of Mathematics – An insight with Engineering Applications"	July 8, 2022
3	Lecture series on "Applications of Bio-sensors"	November 17-18, 2022
4	Induction Program Activities	December, 2022
5	Seminar Competition on "Applications of Mathematics"	January 19, 2023



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Report of the Inaugural event of 'MATH TEA Club'

The 'MATH TEA Club' was inaugurated on **29th of June 2022** by the department of mathematics at 4 pm in TAP Seminar hall.

Dr. B C Ashok, Dean, student welfare inaugurated the club by launching the logo of the club. Dr. N. Bhaskar, HOD, Department of Mathematics enlightened on the objectives of the club and Dr. Sandeep R, Associate professor, Department of ECE, spoke on Applications of fourier analysis in Signal processing and motivated the club members.

Ms. Amrutha A, Student coordinator of the club presented a session on 'Digital key generation' through modular arithmetic.



The inaugural session also included a quiz competition for all the student members of the club and prizes were distributed.



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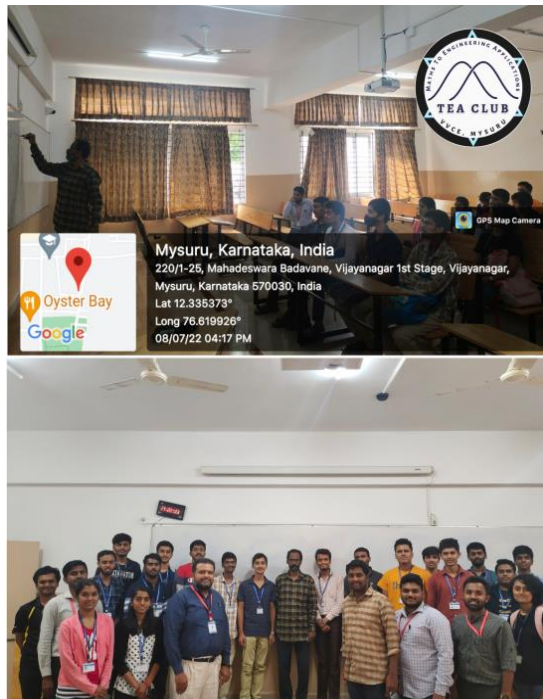
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Report of the Special lecture on “Essence of Mathematics – An insight with Engineering Applications”

The MATH TEA Club organized a special lecture titled Essence of Mathematics - An insight with Engineering Application on 8th July 2022 at 4 pm in G-001.



Dr. Bhaskar N, HOD, Dept. of Mathematics was the resource person. He gave an insight into the application of Eigenvalues and Eigenvectors in the Engineering field.



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Report of the Lecture series on “Applications of Bio-sensors”

The MATH TEA club of the Department of Mathematics organized a special lecture series for both Students and Faculty of VVCE during **17th to 18th November, 2022**.

The resource person for the lecture is Dr. Ganesan Sivaramakrishnan, Postdoctoral Researcher, Multitel and D-Tek, Belgium.



He delivered a special lecture for students on the topic **“Development of optical biosensor, its need and future opportunities in this field”** on 17th November, 2022. Also, he gave a talk on **“Highly sensitive surface Plasmon resonance-based biosensor for detecting autoimmune diseases in humans”** for the faculty and research Scholars of VVCE.



The response by the students and faculty was qualitative during the lecture sessions were very effective.



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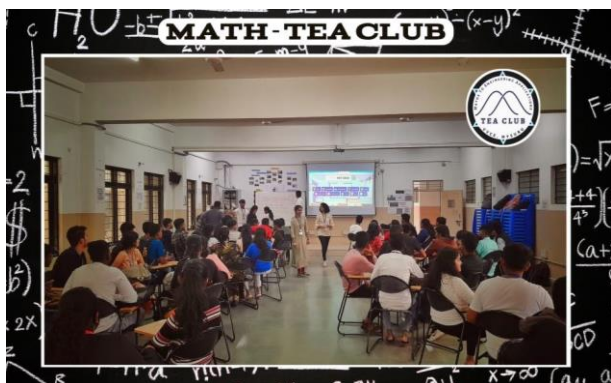
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Induction Program Activities

The MATH TEA Club of Department of Mathematics organized a number of activities for the newly joined 1 year students on the occasion of Student Induction Program, December 2022.



The Club conducted a number of activities such as Quiz, Crosswords, puzzles, Mathematical Treasure hunt for the newly joined students. More than 600 newly joined students enjoyed the events conducted by the club.



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Report of the Seminar Competition on “Applications of Mathematics”

The MATH TEA Club of Department of Mathematics organized a Seminar competition on ‘Application of Mathematics’ for the students of VVCE on 19th January, 2023 on the occasion of National Mathematics Day 2022.

The Event started with the Inauguration programme at 9.45 am. Dr. N Bhaskar, HOD, Department of Mathematics, Dr. G V Naveen Prakash, HOD, Department of ME, Dr. B Ashok, Dean-International affairs and jury members graced the occasion.

After the Inauguration, Dr. Bhaskar N, delivered an insightful special lecture on **“Approach towards Application of Mathematics”**. The lecture was followed by the tea break and the seminar competition.

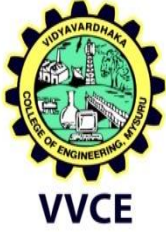
A total of **31 teams and 64 students** had participated in the seminar competition. The seminar competition had two rounds. Among the 31 teams, 6 teams qualified for the second round and 3 winners were selected from them.

The jury members were Dr. G B Krishnappa, Dean, R&D, Dr. N Bhaskar, HOD, Department of Mathematics, Dr. G V Naveen Prakash, HOD, Dr. S A Mohan Krishna, Associate Prof., Dept. of ME, Department of ME Dr. C Lokesh, Associate Prof., Dept. of EEE, Dr. Sandeep R, Associate Prof., Dept. of ECE, Dr. Arun Dixit, Associate Prof., Dept. of ME.

The winners are as follows:

Name	Position	Topic presented
Amrutha A (V Sem)	I	Mathematics in Image processing
Vedanta M S (I Sem)	II	Time value of money
Keerthana M N Pratiksha Barman (III sem)	III	Fourier Series
Reshma R Shashank SB (V Sem)	III	Application of Mathematics for Classification in Machine Learning
Deeksha Hoysala N Amruthasindu A Vaishnavi (V Sem)	Consolation Prize	Applications of modular arithmetic in cryptography
Arathi K, Chirag K S Jhanavi (V Sem)	Consolation Prize	Mathematics in Machine Learning

The Seminar concluded with the valedictory function and Distribution of Prizes.



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