



SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)
(IAO9001-2005 and ISO14001-2015 certified institute)
(Accredited by NAAC with "A" Grade & Accredited by NBA)

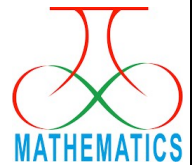
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

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DEPARTMENT OF MATHEMATIC



MATHEmatica

YEAR 2022-23

VISION	MISSION
To be a model for excellence in undergraduate education in Mathematics	To provide every undergraduate student with mathematical experiences and mathematical ideas that will serve as a foundation for career and further study in engineering mathematics and science

Chairman: Sri.G Dayanand



The "*MATHEmatica*" newsletter of the department Mathematics is providing great space for the faculty and students to pen down their innovative ideas, imagination and perceptions to show case their creativity. So, I take the opportunity to congratulate the department of Mathematics and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.

Executive Director:Sri G.D Manoj



I am indeed happy to know that the department of Mathematics has taken initiative in realizing its monthly newsletter "*MATHEmatica*" and urge faculties and students to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and articles of interesting. I congratulate the team of editorial community and department of Mathematics

Principal Desk



Dr. H Ramakrishna Principal

It is indeed very happy to bring out newsletter "*MATHEmatica*" by the department of Mathematics .It gives me immense pleasure to note that, SCE has been publishing bi-annual newsletter and I am sure, this will provide an opportunity for the faculty and students to share their knowledge and beacon the information about various issues and activities that are being taking place in the department. I look forward for more activities and achievements for the department to march towards excellence in the future. I would like to thank all teaching, supporting staff and our beloved students for their active participation in publishing this magazine. My special compliments and congratulation to the editorial team of the department for their consistent effort in publishing this newsletter

Administrator Desk



**Dr M H Annaiah
Vice-Principal**

It gives me immense pleasure to note that Mathematics Department bringing out Newsletter for the academic year 2021-22. I am very happy and delighted to know that our college is bringing out the college newsletter. SCE is one of the leading premier engineering colleges in the country offering quality technical education to students thereby enabling them to become globally acceptable engineers in their domains. The newsletter provides a platform for both faculty and students to showcase their achievements and hidden talents. I congratulate our beloved principal and members of editorial board for bringing out this excellent and informative newsletter on time.

HOD DESK



Prof. Parshwanath P, HOD

I am very happy to bring out the first issue of the Departmental Magazine "*MATHEmatica*". This magazine outlines various activities took place during the academic year 2021-22 and the achievements of faculty and students. It is great to find a considerable number of articles, poems and art that certainly prove that our staff and students are adequately equipped and possess necessary skill sets to express their talent. Sincerely congratulate the Chairman, Principal, and editorial team of the department for their unrelenting efforts in compiling this Magazine.

INSIDE THE ISSUE

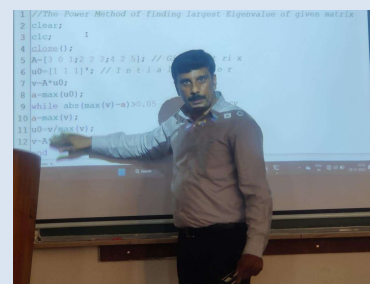
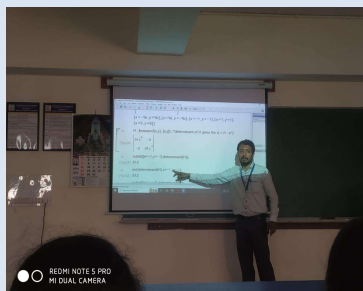
- Vision Mission
- H.O.D's Desk
- Department Activities

FDP and Webinar

- ✓ The Talk on "Life history of Srinivasa Ramanujan" from MATH CLUB "*MATHEmatica*" has organized National Mathematics Day on 22nd December 2022, to mark the contribution of Indian Mathematician Srinivasa Ramanujan.



- ✓ The Faculty development program was organized at SCE, by Department of Mathematics in association of department of Electrical and Electronics Engineering from 26th December, 2022 to 30th December, 2022 on "Application of Scilab/wx-Maxima in Engineering mathematics".



Workshops/seminars attended by faculty

- ❖ Mrs. Nandini B J attended One Days Orientation Programme for VTU affiliated college teacher's on "Revised Mathematics Syllabus-2022" organized by BMS College of Engineering, Bangalore, on 24th November 2022.



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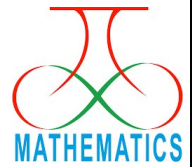
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- ❖ Mrs. Bhavya N P attended One Days Orientation Programme for VTU affiliated college teacher's on "Revised Mathematics Syllabus-2022" organized by BMS College of Engineering, Bangalore, on 24th November 2022.
- ❖ Mr. Santhosh H C attended One Days Orientation Programme for VTU affiliated college teacher's on "Revised Mathematics Syllabus-2022" organized by BMS College of Engineering, Bangalore, on 24th November 2022.
- ❖ Mrs. Shwetha B S attended One Days Orientation Programme for VTU affiliated college teacher's on "Revised Mathematics Syllabus-2022" organized by BMS College of Engineering, Bangalore, on 24th November 2022.
- ❖ Mrs. Sumitra Devi M attended One Days Orientation Programme for VTU affiliated college teacher's on "Revised Mathematics Syllabus-2022" organized by BMS College of Engineering, Bangalore, on 24th November 2022.
- ❖ Mrs. Jyothi Prasada Gorantla attended One Days Orientation Programme for VTU affiliated college teacher's on "Revised Mathematics Syllabus-2022" organized by BMS College of Engineering, Bangalore, on 24th November 2022.

Paper Presented Conference/International Conference

- Mrs. Nandini B J paper presented on "Schur Convexity of Oscillatory Power Exponential Mean", in the 5th International Conference on Recent Scientific and Technological Trends (ICRTST-2023) organized by Maa Shakumbari Trust, Greater Noida, UP, India on (4th -5th March 2023).
- Mrs. Bhavya N P paper presented on "Reivew paper on Fractional Calculus- Theory and Applications", in the International Conference on Global Convergence in Technology, Entrepreneurship, Computing & Value Engineering: Principles and Pracitices,ICGCP-2023 organized by Sapthagiri College of Engineering, Bangalore, on (5th -7th May 2023).
- Mrs. Shwetha B S paper presented on "Study of Non-Linear equations by Homotopy Analysis Method", in the International Conference on Global Convergence in Technology, Entrepreneurship, Computing & Value Engineering: Principles and Pracitices,ICGCP-2023 organized by Sapthagiri College of Engineering, Bangalore, on (5th -7th May 2023).



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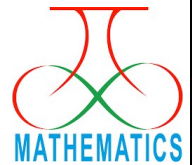
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- Mrs. Anitha M paper presented on “ Study of Non-Linear equations by Homotopy Analysis Method”, in the International Conference on Global Convergence in Technology, Entrepreneurship, Computing & Value Engineering: Principles and Pracitices,ICGCP-2023 organized by Sapthagiri College of Engineering, Bangalore, on (5th -7th May 2023).
- Mrs. Jyothi Prasad Gorantla paper presented on “ Study of people’s Preception towards organic food products in Bangalore City”, in the International Conference on Global Convergence in Technology, Entrepreneurship, Computing & Value Engineering: Principles and Pracitices,ICGCP-2023 organized by Sapthagiri College of Engineering, Bangalore, on (5th -7th May 2023).
- Mr. Parshwanath P paper presented on “Study of people’s Preception towards organic food products in Bangalore City”, in the International Conference on Global Convergence in Technology, Entrepreneurship, Computing & Value Engineering: Principles and Pracitices,ICGCP-2023 organized by Sapthagiri College of Engineering, Bangalore, on (5th -7th May 2023).
- Mrs. Jyothi Prasad Gorantla paper presented on “ Asymptotic Estimation of Two-Dimensional boundary Layer Flow and Heat Transfer”, in the International Conference on Global Convergence in Technology, Entrepreneurship, Computing & Value Engineering: Principles and Pracitices,ICGCP-2023 organized by Sapthagiri College of Engineering, Bangalore, on (5th -7th May 2023).