SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES, AUTONOMOUS, CHITTOOR

DEPARTMENT OF SCIENCE AND HUMANITIES

LIST OF EVENTS ORGANIZED

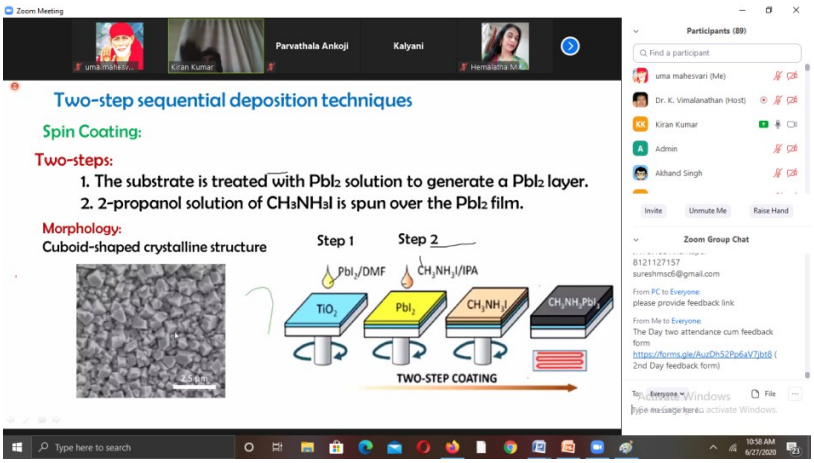
(2020-2021)

S.No	Type of the event	Name of the event	Date	No.of beneficiaries
1	Debate	Importance of Mathematics in Engineering	19th March 2021	125
2	Quiz	Science Of Corrosion	3rd March 2021	50
3	Debate	National Science Day-2021	28th February 2021	350
4	Quiz	Basic Engineering Mathematics	10th February 2021	120
5	Paper Presentation	Role of Mathematics in Engineering	28Th January 2021	35
6	Workshop	Mathematical Modelling and Numerical Techniques	3rd December 2020	170
7	Guest Lecture	Numerical Techniques	18th November 2020	350
8	Webinar	Recent Trends in Mathematical and Statistical Techniques	15th September 2020	200
9	Paper presentation	Importance of Technical English	26 August 2020	180
10	International Webinar	Material Science and Importance of Composite Materials	21st August 2020	250
11	Student Development Programme	Artificial Intelligence	29th July 2020	300
12	Webinar	Matrix Method for system of differential equations	11th July 2020	270
13	Student Development Programme	Probability and Statistics using R	18th July 2020	340
14	one day Seminar	Importance of Mathematics in the Development of Science and Technology	5th July 2020	150
15	Faculty development Programme	Perovskite Solar Cells – An Emerging Photovoltaic Technology	26th to 28th June 2020	150

Report on Faculty Development Programme

"Perovskite Solar Cells – An Emerging Photovoltaic Technology"

A Three Days Online National Level FDP entitled "Perovskite Solar Cells – An Emerging Photovoltaic Technology" was conducted from 26-06-2020 to 28-06-2020. The Resource Person **Dr.K.Kiran Kumar, Assistant Professor Department of Physics, School of Pure Science Fiji National University Fiji.**, participated and gave elaborate introduction about Perovskit Solar cells, their fabrication , types and application . the Principal Dr.P.Ramesh Kumar and the Convener , Dr.H.Umamahesvari, Professor & Head Department of Science & Humanities inaugurated the programme and nearly 150 faculty benefited by the Programme



Report on Paper Presentation

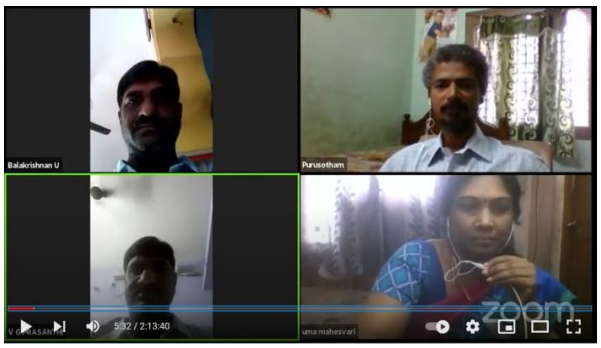
"Role of Mathematics in Engineering"

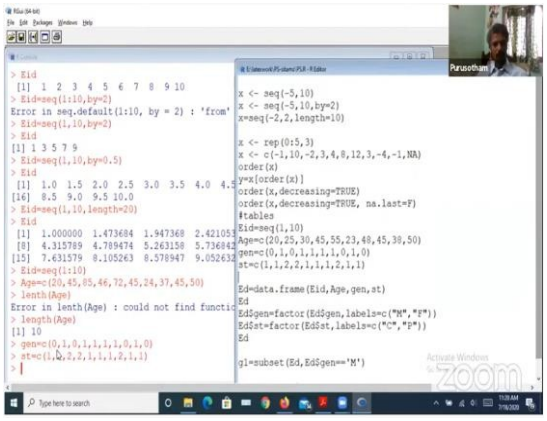
The main advantage or motto of the presenting paper is to bring students out of stage fear and also improve their communication skills. It also provides you an opportunity to learn in detailed about a core subject which is a part of curriculum and develop effective presentation skills. Sreenivasa institute of technology and management studies conducted a paper presentation event for I B.Tech students on "Role of Mathematics in Engineering" of mathematics on 28Th January 2021 at Gallery, around 35 students are presented their papers and utilized this opportunity to enhance their learning skills. The participants are provided with certificates and the best presenters are provided with awards. Pricipal Dr.P.Ramesh Kumar, Principal SITAMS, COE Dr.S.Rajesh participated and distributed the prizes to the students.

Report on A One Day Student Development Programme

"Probability and Statistics using R"

A One Day Student Development Programme entitled "Probability and Statistics using R" was conducted on 18th July 2020. The event was inaugurated by the Principal Dr.P.Ramesh Kumar .The event coordinator and Dr.U.Balakrishna, Professor of Department of Science and Humanities addressed the gathering and explained about the significance of conducting such student development programmes for the students. After the inauguration the chief guest Resource Person: Dr.Prurushotham, Professor , VIT, Vellore, Tamil Nadu explained the concept of R Programming and the importance of R programming in Engineering. The interaction session was followed the feedback session. The Vote of Thanks was given by the seminar event member Dr.U.Balakriashna. Nearly 340 students benefited.





Report on National Level Student Development Programme

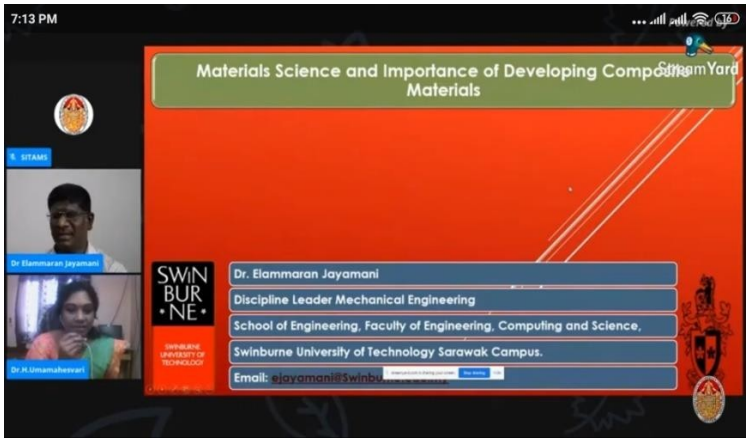
"Artificial Intelligence"

A National Level Student Development Programme on "Artificial Intelligence" was conducted on 29th July 2020. The event was inaugurated by the Principal Dr.P.Ramesh Kumar .The event coordinator and Dr.H.Umamahesvari, Professor of Department of Science and Humanities addressed the gathering and explained about the significance of conducting such student development programmes for the students. After the inauguration the chief guest Dr. Shaik Nazeera, Professor & Head, Department od Computer Science Engineering, JNTU College ofEngineering, Kalikiri explained the concept of artificial intelligence and its applications in various firlds and how tondevelop knowledge in artificial intelligence. The interaction session was followed the feedback session. The Vote of Thanks was given by the seminar event member Dr.U.Balakriashna. Nearly 300 students and faculty benefited.

Report on International Webinar

"Material Science and Importance of Composite Materials

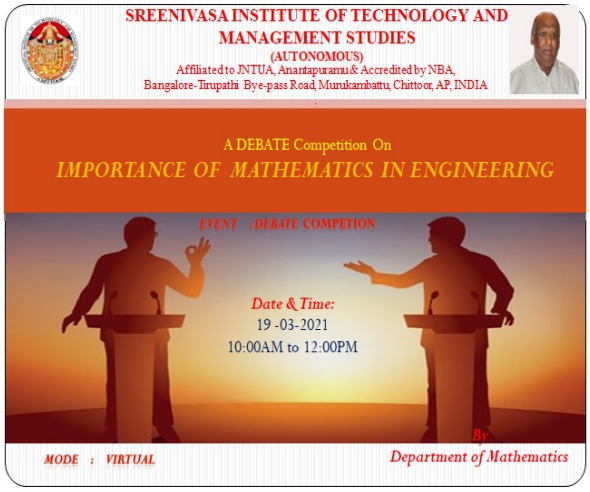
An International Webinar on "Material Science and Importance of Composite Materials" was conducted on 21st August 2020. The event was inaugurated by the Principal Dr.P.Ramesh Kumar .The event coordinator and Dr.H.Umamahesvari, Professor of Department of Science and Humanities addressed the gathering and explained about the significance of conducting such seminars for the students. After the inauguration the chief Dr.Illamaran Jayamani, Senior Lecturer and Course coordinator, Mechanical Engineering Programme, Faculty of Engineering and Computing Sciences, Swinburne University of Technology, Sarawak Campus Kuching, Sarawak, Malaysia, explained about the composite materials origin, manufacturing and importance of composite materials. The interaction session was followed the feedback session. The Vote of Thanks was given by the seminar event member Dr.D.Kothandan. Nearly 250 students and faculty benefited.



Report on DEBATE COMPETETION

"Importance of Mathematics in Engineering"

Debating will help us to develop critical thinking skills that are essential in daily life. Critical thinking is the ability to make well thought out and reasoned arguments while also questioning the evidence behind a particular conclusion or stance. There's a special branch of mathematics that deals with problems 'in real life'. This branch is called applied mathematics; applied mathematics is often used to solve complex practical problems. And it is when used by engineers that this kind of mathematics brings about the most invaluable real world solutions to our problems. Sreenivasa institute of Technology and Management studies made its mark to realize the importance of mathematics in engineering by the conduction of a Debate "*Importance of Mathematics in Engineering*" on 19th March 2021 in virtual mode, around 125 students are participated and utilized this opportunity to show their skills. .



Report on a one day *Seminar*

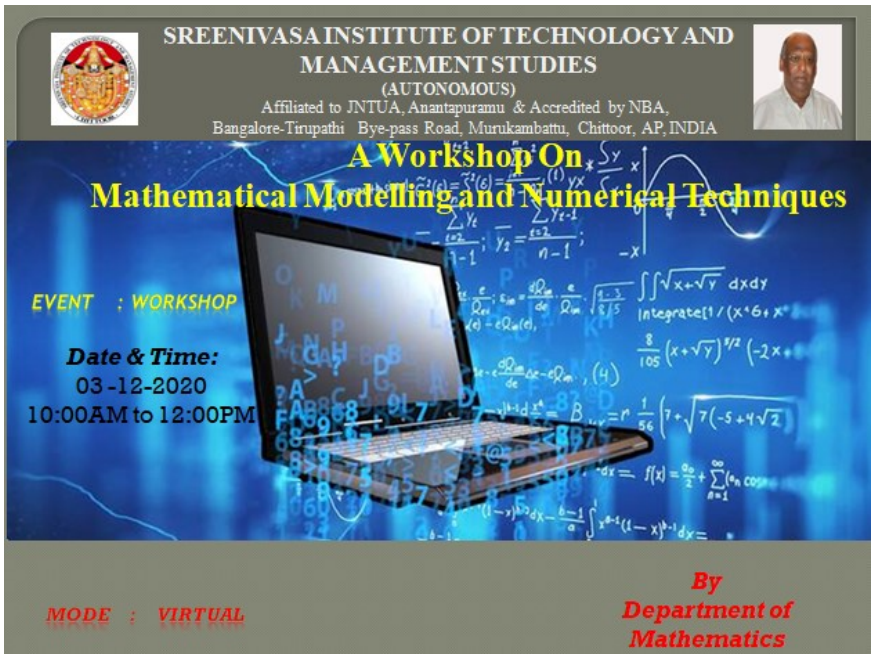
"Importance of Mathematics in the Development of Science and Technology"

Assuring a smooth flow of information, seminars and workshops encourage passionate dialogue and active engagement, enhancing students' skills and knowledge. Seminars improve the confidence among the individual. Sreenivasa institute of technology and management studies conducted a one Day Seminar event for I B.Tech students on "*Importance of Mathematics in the Development of Science and Technology*" on 5Th July 2020 at Gallery, around 150 students are participated and utilized this opportunity to improve e their learning skills. Dr.Hemadri, Asst.Professor in VIT acted as the resource person and delivered an impressive lecture on Importance of Mathematics in the Development of Science and Technology.

A Report on Workshop

"Mathematical Modelling and Numerical Techniques"

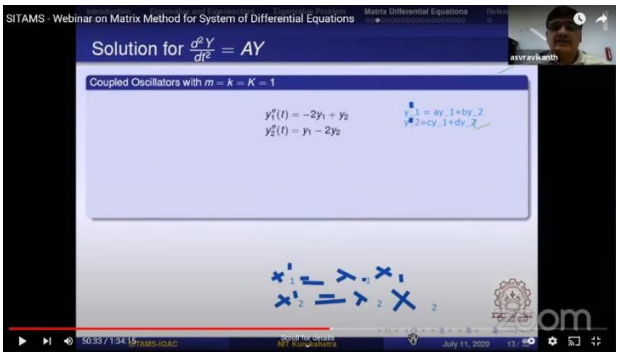
Math Workshop enhances student's creativity and knowledge by making learning more student-centered—pushing students to reflect, reason, collaborate, communicate, and make sense of mathematical content—transforming them from math students to student mathematicians. Mathematics makes our life orderly and prevents chaos. Certain qualities that are nurtured by mathematics are power of reasoning, creativity, abstract or spatial thinking, critical thinking, problem-solving ability and even effective communication skills. Sreenivasa institute of technology and management studies made its mark to realize the importance of Differential Equations of mathematics in engineering by the conduction of a workshop on "*Mathematical Modelling and Numerical Techniques*" on 3rd December 2020 , around 170 students are participated and utilized this opportunity to enhance their knowledge. P,Lakshmi Narayana, Asst.Professor in Mathematics , VIT University, Vellore acted as the resource person and explained the students about Mathematical Modelling and Numerical Techniques.



Report on a One Day National Level Webinar

"Matrix Method for system of differential equations"

A One Day National Level Webinar entitled "Matrix Method for system of differential equations" was conducted on 11th July 2020. The event was inaugurated by the Principal Dr.P.Ramesh Kumar .The event coordinator and Dr.V.Geethavani, Assoc.Professor of Department of Science and Humanities addressed the gathering and explained about the significance of conducting such student development programmes for the students. After the inauguration the chief guest Resource Person: Dr.A.S.V. Ravikanth, Professor & HOD, NIT, Kurukshetra explained the concept of Matrix Method for system of differential equations and the importance of Matrix Method for system of differential equations in Engineering. The interaction session was followed the feedback session. The Vote of Thanks was given by the seminar event member Dr.U.Balakriashna. Nearly 270 students and faculty benefited.



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Report on National Science Day-2021

Every year, India celebrates National Science Day on 28th February to commemorate the remarkable work of Indian physicist CV Raman in the field of light scattering. National Science Day is celebrated in India on 28th February each year to mark the discovery of the Raman effect by Indian physicist Sir C. V. Raman on 28th Feb. In 1986, the Department of Scence and Humanities, Sreenivasa Institute of Technology and Management Studies celebrated National science day between 10.00A.M to 12.00 pm at Gallery in the presence of Principal Dr. P. Ramesh Kumar and HOD Dr. H. Umamehesvari. On this occasion we have conducted debate On this occasion we have conducted a debate on "Science development a boon or bane".The program started on 28th February 2021 at 10.15 AM with a prayer song by Ist year students. and the welcome speech by Dr.H.Umamaheswari. Finally Programme ended with announcement of prizes by Dr. P. Ramesh Kumar, Principal , SITAMS. Judges for quiz and Debate Dr. V.N Sudheer & Dr. V Geetha Vani, Mr.N.Nikilesh Electronic Developer Brand Company Germany acted as the chief guest. Nearly 350 students participated .

Report on Guest Lecture

"Numerical Techniques"

In a guest lecture, students get new perspectives and opinions that are often missed in a regular class. A guest lecture gives students a better opportunity to learn about an explicit topic in a way that gets them involved in the class and actively join in a more convenient way of teaching. Sreenivasa institute of technology and management studies conducted a Guest lecture for I B.Tech students on "Numerical Techniques" of mathematics on 18Th November 2020 by an eminent Professor Dr. P Hari Prabakaran, Department of Mathematics, Thiruvalluvar University, Vellore, Tamilnadu. in virtual mode, around 350 students are participated and utilized this opportunity to enhance their knowledge.

Report on Paper presentation

"Importance of Technical English"

Sreenivasa Institute of Technology and Management Studies organized an occasion based on paper presentation celebrating the event of The Birth Anniversary of William words worth on 26 August 2020 at SITAMS Gallery. The guest is Dr Shaik Mohammed Shafiullah HOD ,Department of English , P.V.K.N.Govt Degree & PG college, Chittoor. He delivered his speech regarding the importance of William words worth works and his contribution towards English literature and also insisted the importance of English in Engineering colleges. Many of the students from various colleges has attended the program and utilized the session for the aspiration of literature. Nearly 180 students benefited.

Report On Quiz Competition

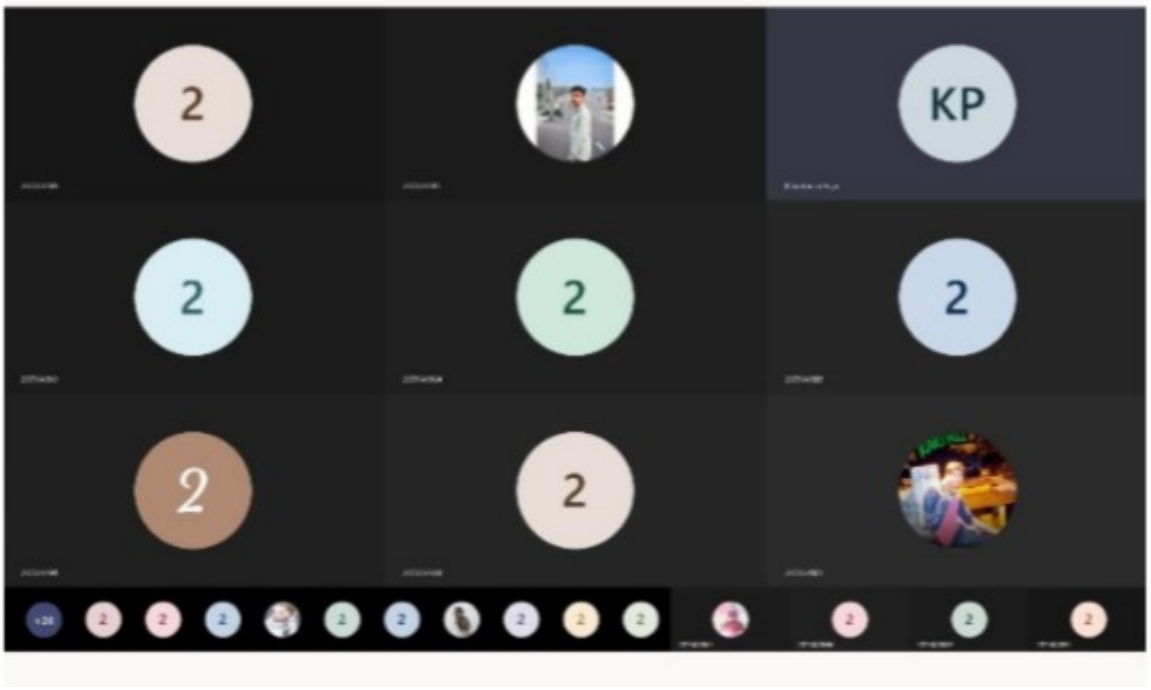
"Basic Engineering Mathematics"

Using Maths quizzes could be the best way to learn Mathematics. The most important thing is to encourage students to love mathematics. Sreenivasa institute of technology and management studies made its mark to realize the importance of mathematics in engineering by the conduction of a quiz competition on "Basic Engineering Mathematics" on 10th February 2021. Around 120 students are participated and utilized this opportunity to show their skills. Dr.P,Ramesh Kumar, the principal of SITAMS, The HOD of Science and Humanities Dr.H.Umamahesvari, Professor and HOD, Department of Science and Humanities participated , enourages them with their speeches and distributed the prizes to them.

QUIZ ON "SCIENCE OF CORROSION"

A Quiz on "SCIECEN OF CORROSION" was conducted on 03-03-2021 in SITAMS Gallery. The event was inaugurated by the Principal Dr.P.Ramesh Kumar.The event coordinator and HOD of Science and Humanities addressed the gathering and explained about the significance of conducting quiz completions to the students. The quiz questions were based on types of corrosion and theories of corrosion and factors influencing corrosion , protection of corrosion. After the competitions, the prize winners are distributed with prizes . The Principal Dr.P.Ramesh kumar garu distrusted prizes to the winning students.The interaction session was conducted to clarify the doubts of the students. The interaction session was followed the feedback session. The Vote of Thanks was given by the seminar event member Mrs.G.Sucharitha. Nearly 50 students participated.

A Report on Webinar

"Recent Trends in Mathematical and Statistical Techniques"

A webinar provides an interesting and informative platform for new and existing concepts of mathematics that will deliver really valuable content to peer engineering community. Sreenivasa institute of technology and management studies conducted a a one Day Seminar event for I B.Tech students on "Recent Trends in Mathematical and Statistical Techniques" on 15Th September 2020 on virtual mode. around 200 students are participated and utilized this opportunity to improve their learning skills through statistical techniques. Dr.K.Lakshminarayanan, Asst. Professor, VIT University acted as the resource person and explained the important Statistical techniques to the students.