



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

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LEAD TO ILLUMINATE



MATHEMATICS

2020-21



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DEPARTMENT OF MATHEMATICS

S.NO.	FACULTY	DESIGNATION
1	Mr. M.Prashanth	HOD
2	Ms. T.Swapna	COORDINATOR
3	Mr. V Naveen Kumar	MEMBER
4	Ms.B.Umarani	MEMBER



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ONLINE WEBINAR ON DATA SCIENCE WITH ARTIFICIAL INTELLIGENCE

Name of the Event: Webinar

Topic: Data Science with Artificial Intelligence

Date: 28th July 2020

Platform: Zoom Meeting

Resource Person: Mr. Abhishek Kumar, Amazon Development Officer

Participants: B.Sc. Final Year Students

No. of Participants: 63

A webinar is organized on Data Science with Artificial Intelligence on 28th July 2020 for BSC Final years. The main concept of this webinar is how Linear Algebra, the branch of Mathematics, is related to the collection of data, Big Data Analytics and Artificial Intelligence. Mr. Abhishek explained how Data science is related to data mining, deep learning that is used for different processes, and algorithms, that we gain knowledge from structured and unstructured data. Data Scientists are used to analyze complex data using statistics to get assistance or a complete view of a business in its decision-making.

He used an example to illustrate how Artificial Intelligence (AI) has become an essential component of our daily existence. When we make a reservation online, browse through our social media, or read suggestions from an online shopping website, we interact with an artificial intelligence component that operates in the background. Artificial intelligence powers even the most basic chat assistant that we occasionally encounter when making online purchases or placing food orders.

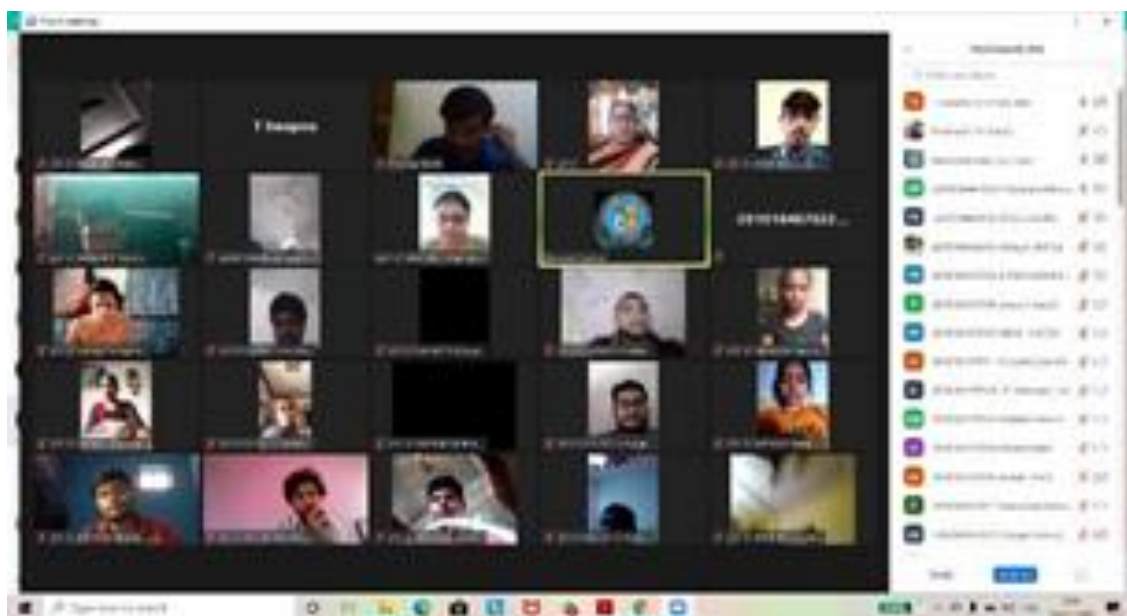


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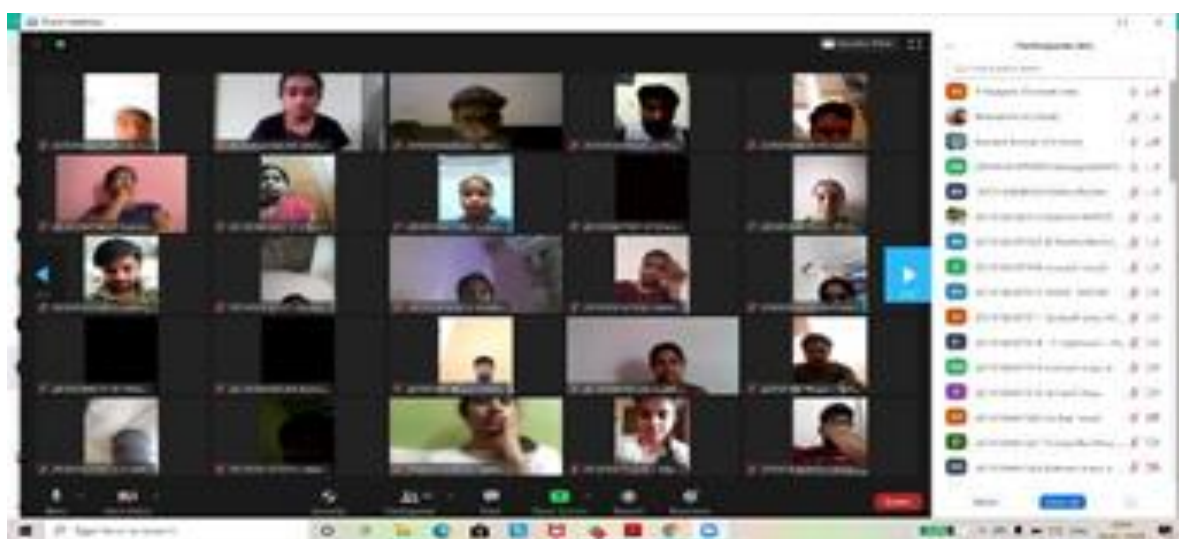
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B.Sc. final year students attending the Webinar on Data Science with Artificial Intelligence



Ms. Vaishnavi, B.Sc. Final year student introducing the speaker Mr.M. Abhishek Kumar in the Webinar on Data science with Artificial Intelligence.



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WEBINAR ON SYNERGY OF MATHEMATICS AND ASTRONOMY

Name of the Event: National Webinar

Topic: Synergy of Mathematics and Astronomy

Date: 10th August 2020

Platform: Google Meet

Resource Person: Prof. S. N. Hasan, Department of Mathematics, MAU University

Participants: Faculty and Students from the various institutions

No. of Participants: 207

A National webinar on the Synergy of Mathematics and Astronomy on 10th August 2020 was organised. The speaker for the session was Prof. S.N. Hasan, Department of Mathematics, Maulana Azad University. Sir has explained Astronomy has played a crucial role in formulating or developing Mathematics in different branches like Trigonometry, Calculus, Topology, etc. He explained about formulating the Solar system mathematically as a N- body problem and the applications of N N-body problem in Astronomy. Dynamics of the Solar System, Evolution of star clusters, Galaxies, and their interactions, Clusters of galaxies, Nature of the problem- Easy to find the solution of two body problems, if it is greater than 2 has no general solutions but they have particular Solution and numerical solutions.

He also explained about the Three-body problem which is easy to obtain the equations of motion. The three-body problem has many applications including Lunar Theories, Artificial satellites, Impact orbits, Hypervelocity stars, and evolution of star clusters. He also explained the Particular solutions of three-body problems, encounters of triple body, and simulations. He concluded the seminar by saying that Mathematics is essential in Dynamical Astronomy, Cosmology, and General Relativity. Through this webinar, the participants understood the existence of a reciprocal correlation between Astronomy and Mathematics.



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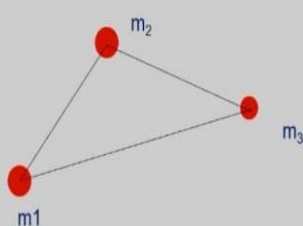
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Three Body Problem

The study of the motion of three mass points moving under mutual gravitational attraction is defined as the Three Body Problem.

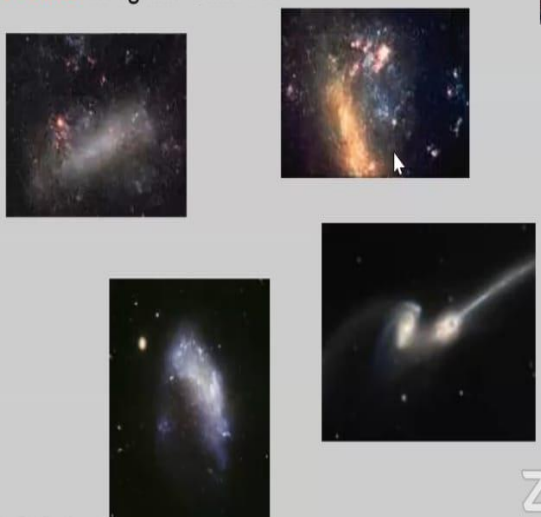


zoom

NAJAM HASA...

Prof. Hasan, Dept. of Astronomy, explaining the three-body problem concept in the National webinar on Synergy of Mathematics and Astronomy

Freaks: Irregular Galaxies



zoom

NAJAM HASA...

Prof. Hasan, Dept. of Astronomy, explaining about the irregular Galaxies concept in the National webinar



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WEBINAR ON SAMA CIRCULAR MODEL AND ARIMA IN FORECASTING CONSUMER PRICE INDEX IN INDIA

Name of the Event: International Faculty Development Programme (Attended)

Topic: Sama Circular Model and Arima in Forecasting consumer price index

Date: 31st August 2020

Platform: Zoom Meeting

Resource Person: Dr. W. G. Samanthi Konarasinghe, Academic Director, Statistical consultant institute of Mathematics and Management

Participants: Mr. M. Prashanth, Mr. V. Naveen Kumar

No. of Participants: 02

Mr. M. Prashanth, faculty of Mathematics attended a webinar on “Sama Circular Model and ARIMA on Forecasting consumer price Index in India ” organized by the Department of Mathematics of Aurora Degree & PG College on 31-08-2020 in an online conference Zoom Meeting. The Speaker for this seminar was Dr. (Mrs.) W.G. Samanthi Konarasinghe, Academic Director, Statistical Consultant Institute of Mathematics and Management, Sri Lanka.

In this session, madam focussed on an ARIMA model a class of statistical models for analyzing and forecasting time series data. It explicitly caters to a suite of standard structures in time series data, and as such provides a simple yet powerful method for making skillful time series forecasts. In an ARIMA model, we transform a time series into stationary ones (series without trend or seasonality) using differencing. The first differencing value is the difference between the current time period and the previous time period. If these values fail to revolve around a constant mean and variance, then we find the second differencing using the values of the first differencing. We repeat this until we get a stationary series.

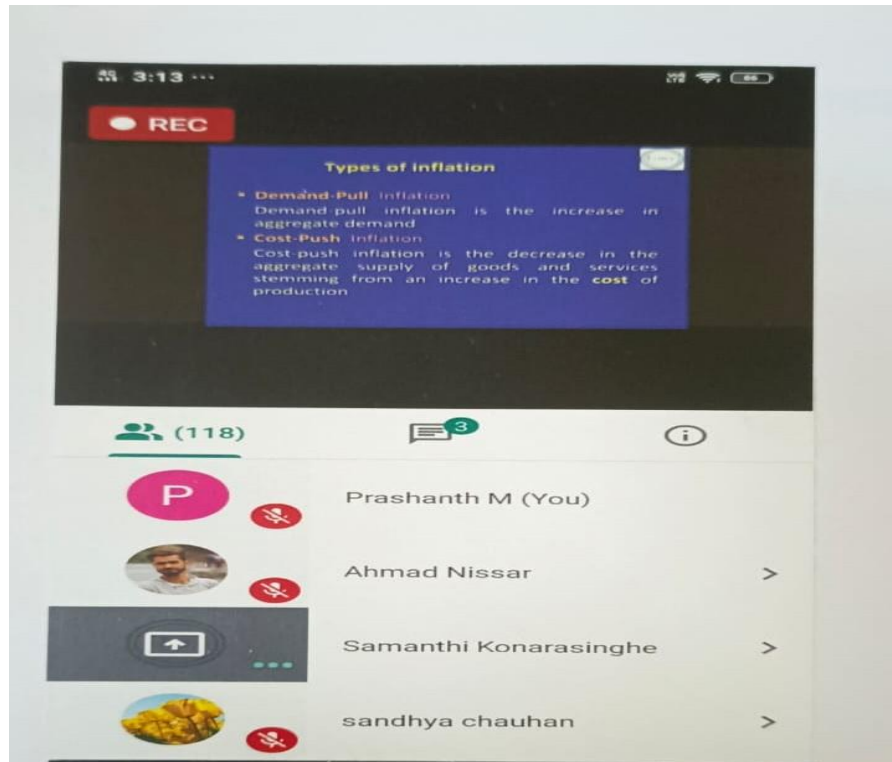


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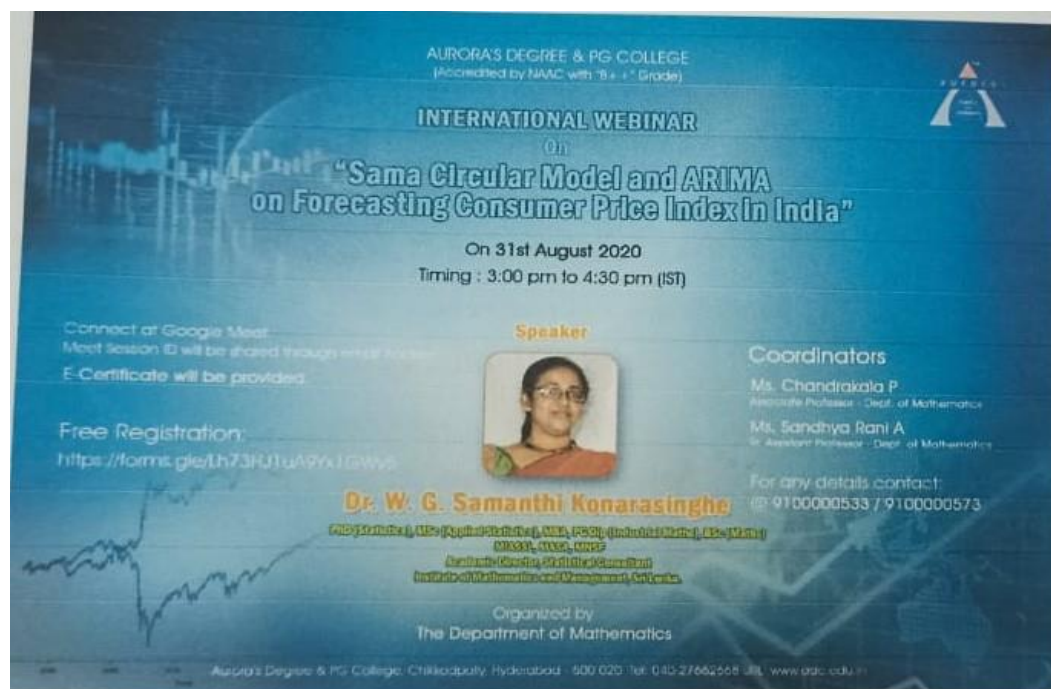
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Mr. Prashanth, Faculty of Mathematics attending the international webinar on the same circular Model and ARIMA on forecasting consumer price index





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ONE WEEK ONLINE WEBINAR FACULTY DEVELOPMENT PROGRAM ON REAL ANALYSIS

Name of the Event: One Week Online Faculty Development Programme (Attended)

Topic: Real Analysis

Date: 5th to 10th August 2020

Platform: Zoom Meeting

Resource Person: Day 1: Dr. R. Bharavi Sharma

Day 2: Dr. K. Somaiah

Day 3: Dr. L. P. Raj Kumar

Day 4: Dr. P. Malla Reddy

Day 5: Dr. B. S. Sowjanya

Day 6: Dr. S. Raj Reddy

Participants: Mr. M. Prashanth, Ms. T. Swapna

No. of Participants: 02

Mr. M. Prashanth and Ms. T. Swapna, faculty of Mathematics attended a one-week online Faculty Development programme on Real Analysis from 5th September 2020 to 10th September 2020 in an online conference ZOOM meeting organized by the Department of Mathematics, Kakatiya University, Warangal, Telangana. The FDP was organized for one week and with eminent speakers from various reputed institutions. The first day of the session started with the basics of Real Analysis by Dr. R. Bharavi Sharma which includes the types of numbers, basic definitions, and properties of real numbers. The second day of the programme was on theorems on real analysis and problems by Dr. K. Somaiah based on the theorems with suitable examples. The third day of the session was on the continuity of the functions and properties of continuity functions by Dr. L. P. Raj Kumar. The fourth day of the session was on the differentiability and mean value theorem with suitable examples by Dr. P. Malla Reddy. The fifth day of the session was on Taylor's theorem and the L Hospital rule, which is very important for solving problems and getting solutions, was explained by Dr. B. S. Sowjanya. The final day of the session was on Riemann integration, properties, bounded functions, and theorem problems based on it by Dr. S. Raj Reddy.

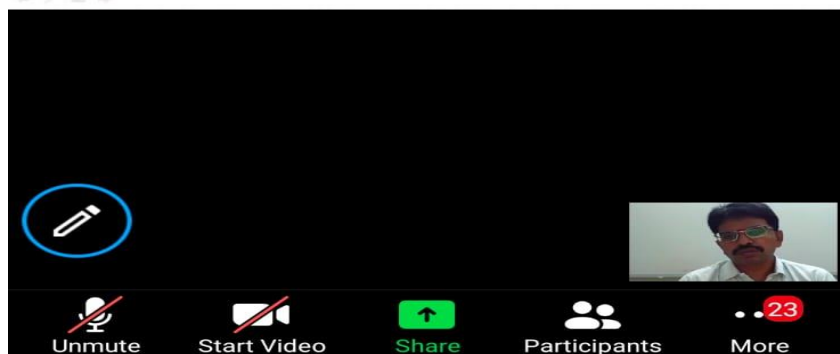
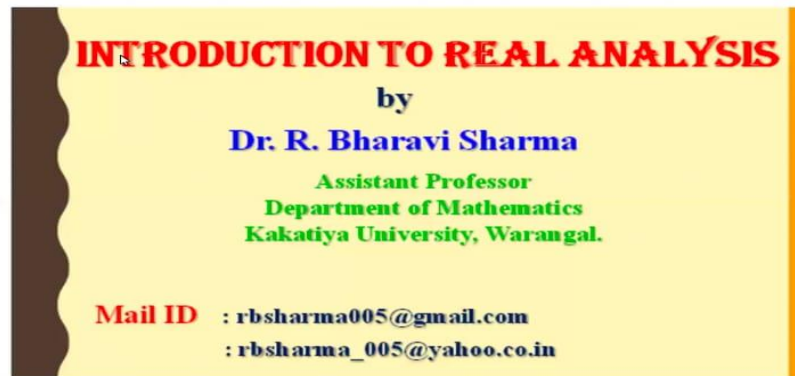
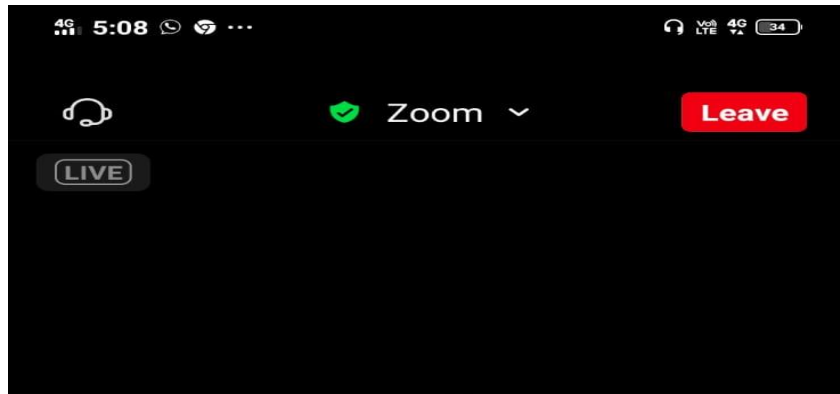


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Dr. R. Bharavi Sharma, Assistant Professor, Kakatiya University taking the session in one week faculty Development program on Real analysis.

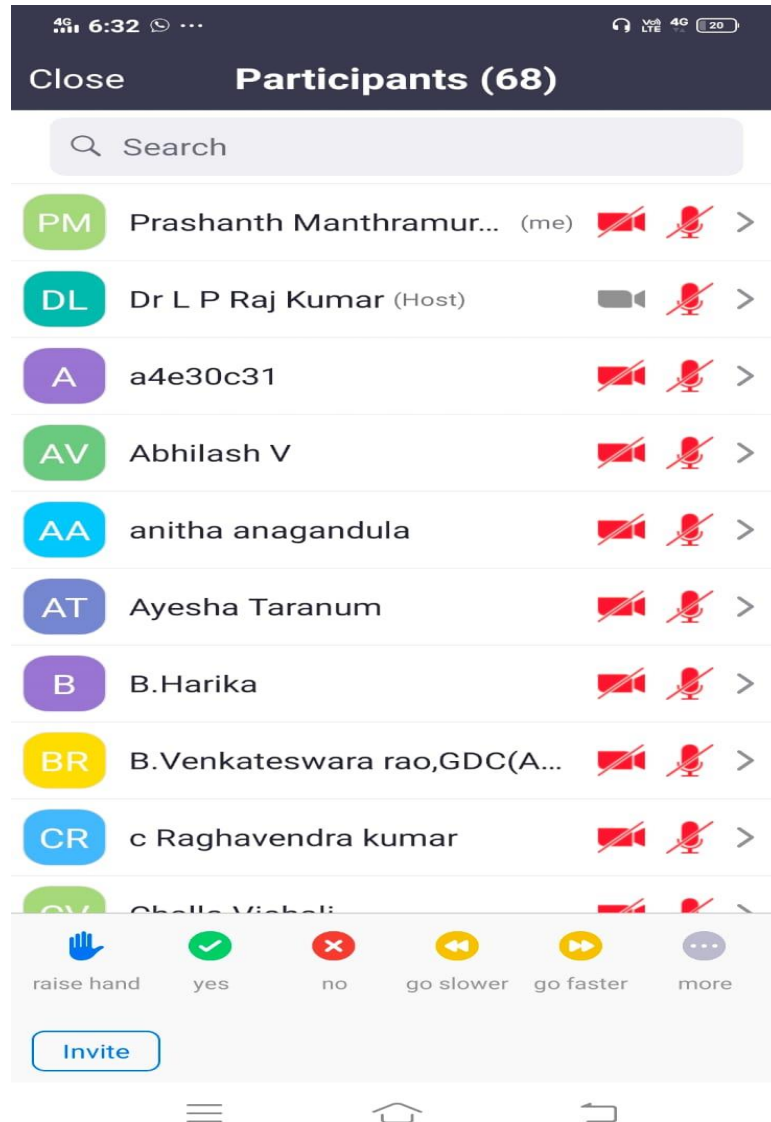


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Mr. M. Prashanth, Dept. of Mathematics attending the International FDP on Real Analysis.



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ONE WEEK INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAM ON RECENT TRENDS AND APPLICATIONS IN MATHEMATICS (IFDPRTAIM 2020)

Name of the Event: One Week International Faculty Development Programme

Topic: Recent Trends and Applications in Mathematics

Date: 10th to 15th September 2020

Platform: Zoom Meeting

Resource Person:

Day 1: Prof. M. V. Ramana Murthy

Day 2: Prof. Venkatananda putcha

Day 3: Dr. R. Jyothi Laxmi

Day 4: Dr. B. Sathyanarayana

Day 5: Dr. L. Sujatha

Day 6: Dr. Sanjeeva Perare

Participants: Faculty from various institutions

No. of Participants: 70

An online FDP is organised to improve teaching skills and also to know about the applications of Mathematics in areas like Agriculture, Cryptocurrency, Difference Equations in signal Processing, Fuzzy Mathematical Concepts, Mathematical Modelling in Biology. First day of the FDP started by seeking the blessings of almighty God and introducing the speaker of the session Prof. M. V. Ramana Murthy, HOD Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad. Sir focussed on the Precision farming, livestock monitoring in agricultural industry where IoT apps have helped farmers track water tank levels in real-time, making the irrigation process more effective. The advancement of IoT technology in agriculture operations has introduced sensors into every aspect of the farming process, such as how long it takes a seed to develop into a fully-grown vegetable and its costs. Sir has explained the importance of Agricultural Drones and its major benefits such as health imaging, integrated GIS mapping which is ease of use and saves time and increases the potential of yields in addition to this for controlling the environment in a smart greenhouses different sensor



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can be used to create a cloud server for remotely accessing the system when it is connected using the IOT.

The second day of the FDP started with the eminent resource person Prof. Venkata Sunderaanand putchai, Register of Rayalaseema University of Kurnool, A. P. on cryptocurrencies by explaining its role in digital payment system which is a peer-to-peer system that can enable anyone anywhere to send and receive payments. Instead of being physical money carried around and exchanged in the real world, cryptocurrency payments exist purely as digital entries to an online database.

The third day of online FDP was commenced on the Difference equation for the signal processing by Dr. R. Jyothi Laxmi, Head & Supervisor of PG & Research Dept. of Mathematics, Mazharul Uloom College, Tamil Nadu. In this session Madam explained the significance of the Difference equation in Digital Signal processing by using the MATLAB software. She also gave the differences between the linear & non-linear equations by changing the parameters and obtaining the solutions for them.

The speaker of the fourth day session was Prof. B. Satya Narayana Associate professor, Acharya Nagarjuna University, Guntur on Studies of BF- Algebra and related topics. Sir explained in detail about the BF- Algebra and its properties which reflect the properties of linear algebra and statements which are very useful to solve the problems. In addition to this he also discussed the BF-sub algebra, N-sub algebra which have the properties correlated to the ideals, linear algebra. In the session sir analysed the various theorems and could prove them by using the statement and properties of BF- Algebra.

The Fifth day of online FDP was commenced on Fuzzy Mathematical concepts and its applications by Dr. L. Sujatha, Asst professor, Head & PG Research Department of Mathematics, Auxilium college, Vellore, Tamil Nadu. In this session Madam explained in detail about the Fuzzy set concepts by defining sets and giving the examples related to the theory. She also included some problems and theorems based on the Fuzzy sets and the differences between classical set theory and Fuzzy set theory. In addition to this, Madam focused on the triangular membership function, Fuzzy set operations, Linguistic variables, Binary fuzzy relations, zero order sugeno model.



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LITTLE FLOWER DEGREE COLLEGE UPPAL, HYDERABAD.

DEPARTMENT OF MATHEMATICS Organizes

ONE WEEK INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAM

on

RECENT TRENDS & APPLICATIONS IN MATHEMATICS (IFDPRTAIM-2020)

TIME:3.00PM TO 4.30PM

INVITED SPEAKERS

DAY-1 (10-9-2020) Applications of IoT in Agriculture Sector  Dr. M.V. Ramana Murthy, M.Sc., Ph.D. Professor & HOD Mahatma Gandhi Institute of Technology, Gandipet DAY-4 (13-9-2020) Studies on BF-algebras and related topics  Dr. B. Satyanarayana Associate professor, Department of Mathematics Acharya Nagarjuna University, Guntur	DAY-2 (11-9-2020) Cryptocurrencies  Prof. Venkata Sundaranand Putcha Professor & Registrar (FAC) Rayalaseema University, Kurnool Andhra Pradesh DAY-5 (14-9-2020) Fuzzy Mathematical Concepts and its Applications  Dr. L. Sujatha Assistant Professor & Head, PG & Research Department of Mathematics, Annamalai College, Vellore, Tamilnadu	DAY-3 (12-9-2020) Difference Equations for Signal Processing  Dr. R. Jothilakshmi, M.Sc., M.Phil., M.Tech (IT), Ph.D., Assistant Professor, Head & Research Supervisor, PG & Research Dept. of Mathematics Mazharul Uloom College, Andar, Tamilnadu DAY-6 (15-9-2020) Mathematical Modeling Vs Biology  Dr. Sanjeeva Perera Head/Department of Mathematics, Chairperson, Quality Assurance Cell, Faculty of Science University of Colombo, Colombo 03 SRI LANKA
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Dr. B. Satyanarayana Asst. Professor, Dept. of Mathematics addressing the participants in One Week International FDP on Recent Trends & Applications in Mathematics.

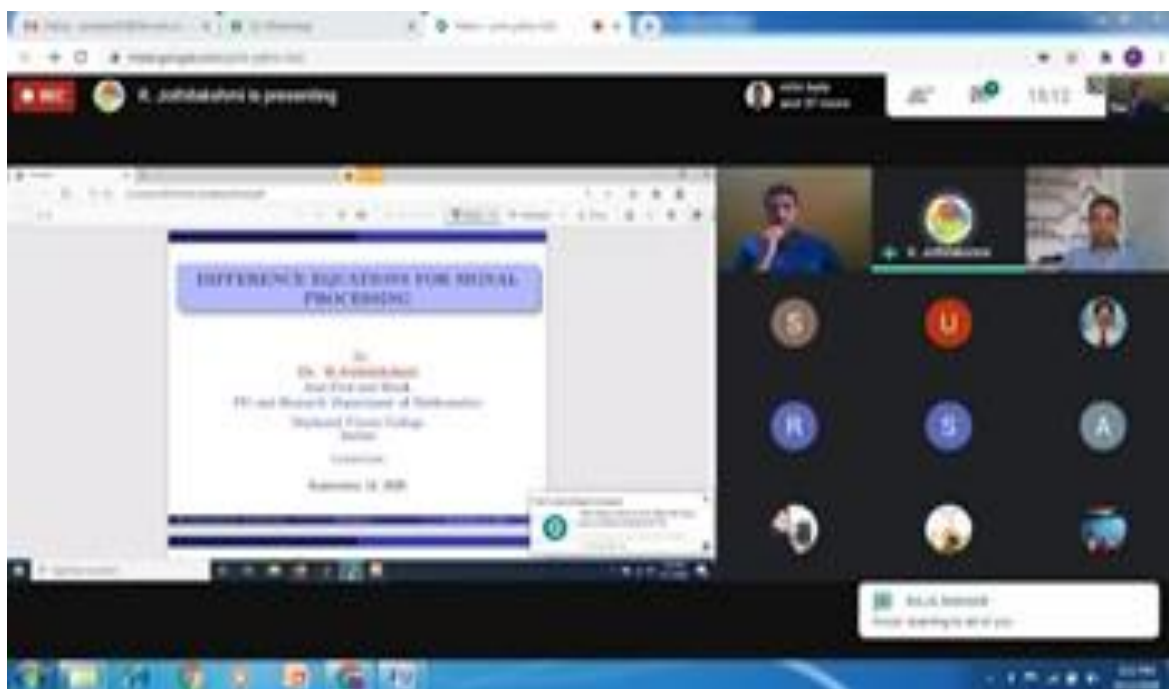


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Dr. R. Jyothi Lakshmi Asst. Professor, Dept. of Mathematics addressing the participants in One Week International FDP on Recent Trends & Applications in Mathematics



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TWO DAY NATIONAL CRT WORKSHOP ON HOW TO CRACK THE INTERVIEWS

Name of the Event: Two Day National CRT Workshop

Topic: How to Crack the Interviews

Date: 18th to 19th Sept 2020

Platform: Google Meet

Resource Person: Mr. Karunakara Rao Boetha, Mr. Madhukar, senior aptitude trainer

Participants: Students from various colleges

No. of Participants: 220

A Two-Day National CRT Workshop on "How to Crack the Interviews" from 18th to 19th September 2020 through Google Meet was organised. The resource persons for the session were Mr. Karunakara Rao Boetha, and Mr. Madhukar. The main objective of the session was to guide and improve the Mathematical skills of the students and also to face the challenges in the competitive field. The session started by invoking the blessings of God and introducing the resource person by eminent faculty.

The presenters provided insights on interview cracking strategies and offered ideas for solving issues related to arithmetic, percentages, ratios, data interpretation, verbal reasoning, logical inference, sequences, and syllogisms. This session facilitated the students in acquiring logical and reasoning abilities to raise their speed and accuracy in aptitude, improve their employability, and cultivate the capacity to work.

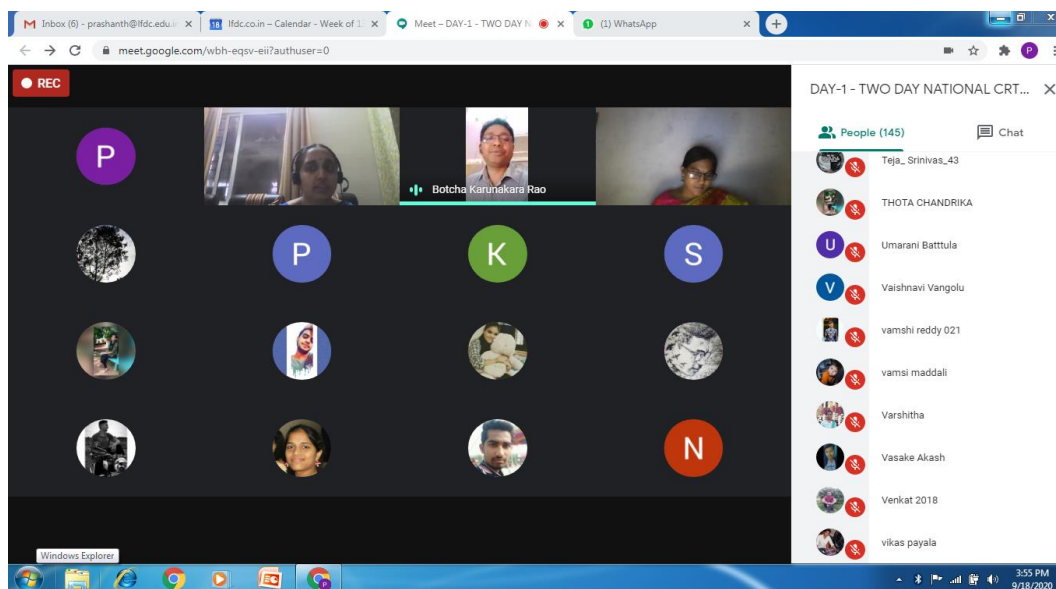


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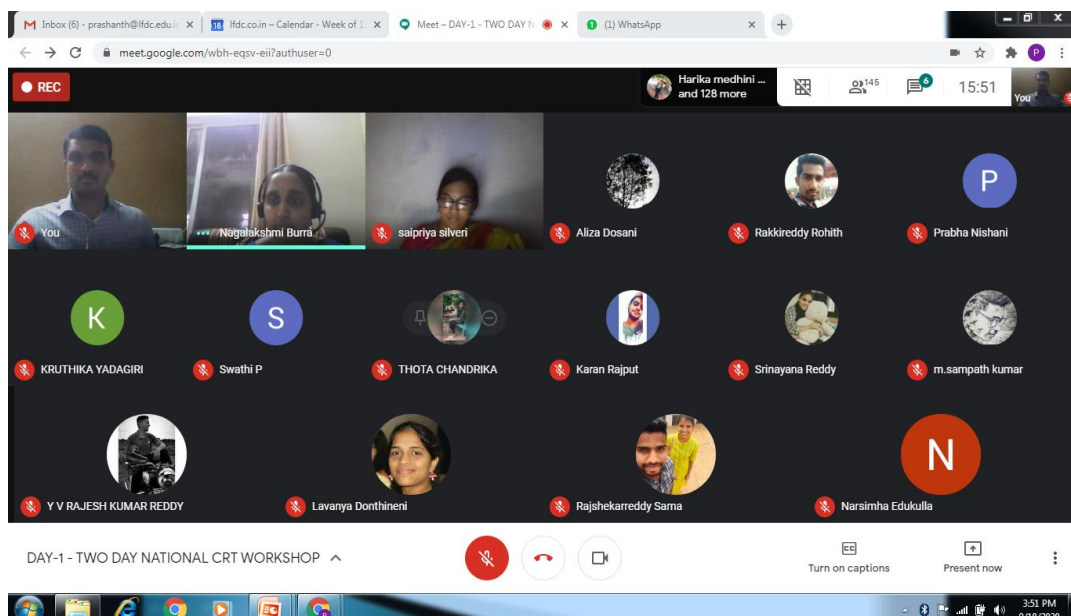
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Mr. Madhukar, explaining the shortcut technique concept in the National workshop.



B.Sc. Final year students participating in the National Workshop how to crack the interviews



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NATIONAL CONFERENCE ON MATHEMATICS AND ITS APPLICATIONS

Name of the Event: National Conference (Attended)

Topic: Mathematics and its Applications

Date: 3rd to 5th December 2020

Platform: Google Meet

Resource Person: Dr. T. Eswarlal, KLEF Deemed University

Participants: Mr.M. Prashanth

No. of Participants: 01

Mr. M. Prashanth, Faculty Department of Mathematics attended XXIX Congress of APTSMS & National Conference on Mathematics and its Applications organized by Department of Mathematics Mahatma Gandhi University, Nalgonda, from 3rd -5th December 2020 online through Google Meet. This conference was mainly focused on Mathematics which plays an essential role in measuring, modelling, analyzing, predicting, and controlling complex phenomena, and in understanding the performance of systems.

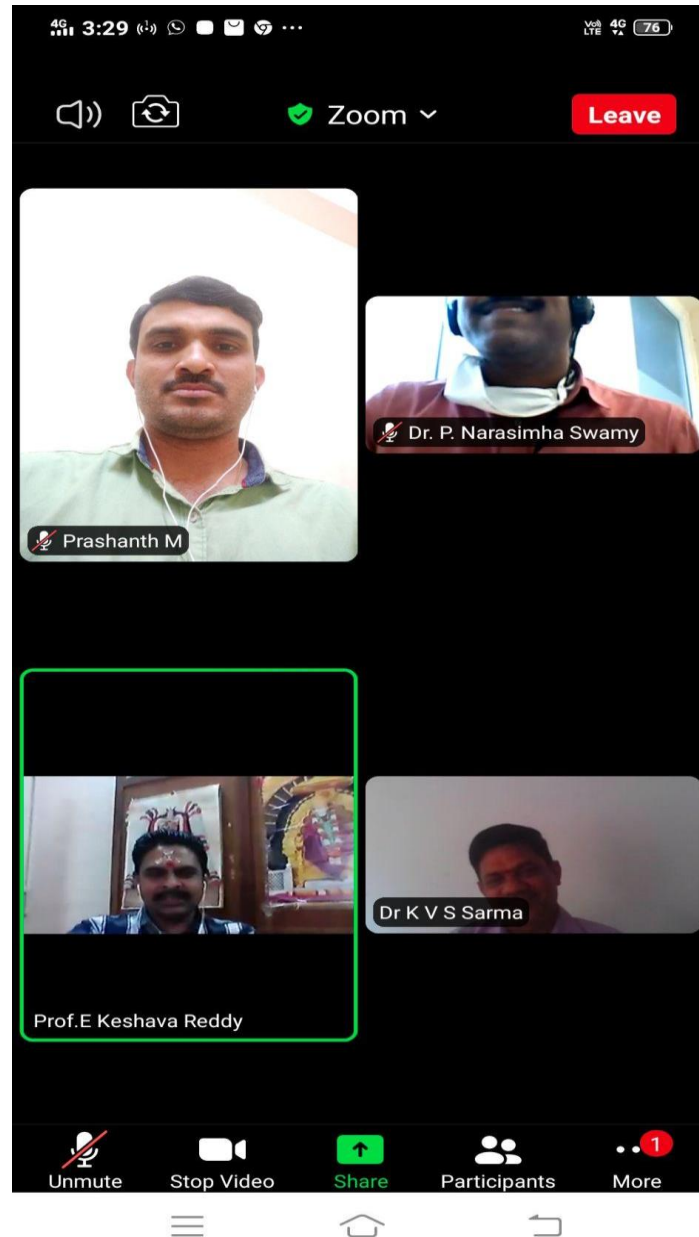


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Mr. M. Prashanth, Faculty, Dept. of Mathematics attending the National Conference on Mathematics and Its Applications.



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Voice 4G 77

Close

Participants (55)

Search

Prashanth M (me)

NCMA-MGU-2020 (Host)

MGUNLG2 (Co-host)

Dr K V S Sarma

Dr.T.Eswarlal-(KLEF-Deemed...

Prof. D.Bharathi

Prof.E Keshava Reddy

Prof.Satyanarayana K

annavaram shravani

Anurdha Prathigadapa

BHAVANARI SATYANARAYA...

Invite

Mr. M. Prashanth, Faculty, Dept. of Mathematics attending the National Conference
on Mathematics and Its Applications



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NATIONAL WEBINAR ON INSTITUTIONAL BEST PRACTICES AND DISTINCTIVENESS

Name of the Event: National Webinar (Attended)

Topic: Institutional Best Practices and Distinctiveness

Date: 14th December 2020

Platform: Zoom Meet

Resource Person: Dr. V. Sujatha, Principal, Cauvery College for Women, Tamil Nadu

Participants: Mr.M. Prashanth, Mr. T. Swapna

No. of Participants: 02

Mr. M. Prashanth and Ms. T. Swapna, faculty of Mathematics attended National webinar on Institutional Best Practices and Distinctiveness on 14th September 2020 in an online mode ZOOM meeting as a platform.

The first session was by Dr. V. Sujatha, Principal, Cauvery College for women, Tiruchirappalli, Tamil Nadu. Madam explained her college's Institutional Best practices and distinctiveness in Teaching and learning. They have introduced a Learning outcome curricular framework to assess the knowledge level of the students, BOS experts from varied parts of India, Introduction of fast-track courses, curriculum enrichment- MOOCs SWAYAM, NPTEL made compulsory for UG & PG final year students. One competitive paper has been introduced in the curriculum of PG to crack UGC- NET examinations, an entrepreneurial course has been introduced, UGC Life skills paper – Jeevan Kaushal to introduce in the curriculum, Introduction of skill-oriented courses as add on and certificate courses, E-Content development, Alumni student association, Mentor-Mentee system, Language lab, collaborative and independent learning.

The second session was by Prof J K Mohapatra Former Vice-Chancellor, Berhampur University, Berhampur, Odisha. Sir has explained the best practices which have to be selected by the institution in such a way that the best practices should be sustainable and continuous for the next cycles.

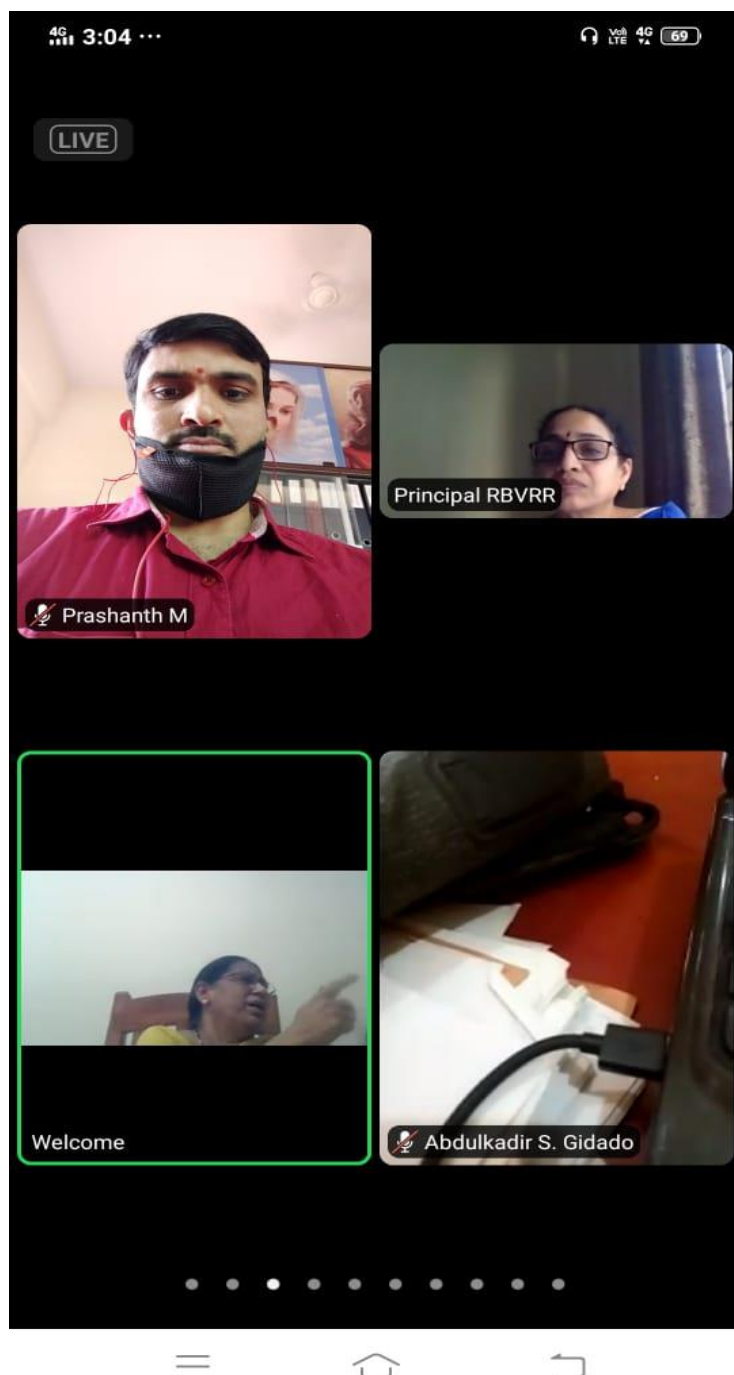


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Mr. M. Prashanth, Faculty, Dept. of Mathematics attending the National Webinar on Institutional Best practises & Distinctiveness.



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NATIONAL WEBINAR ON SIGNIFICANCE AND ITS APPLICATIONS OF DIFFERENTIAL EQUATIONS

Name of the Event: National Webinar

Topic: Significance and its Applications of Differential Equations

Date: 15th December 2020

Platform: Google Meet

Resource Person: Dr. Shanker Rao Munjam, Department of Mathematics, Shanghai University

Participants: Faculty and students from various institutions

No. of Participants: 73

The Department of Mathematics organized a National Webinar on the Significance and its Applications of Differential Equations on 15th December 2020 through Google Meet. The speaker of the session Dr Shankar Rao, Assistant Professor, Department of Mathematics, KLEF KL (Deemed to be University) gave a brief description of why to study Differential Equations. He explained that whenever a relation is given for the change of any model or system it depends on the time which leads to the formation of a differential equation. All the engineering branches, Social Sciences, and Life Sciences concepts depend on differential equations, Differential equations are the root cause of the development of science and engineering. Sir has given a brief description of the introduction of differential equations, the Importance of differential equations, Types of differential equations, and examples of differential equations and explained the physical interpretation of differential equations – Newton's second law is expressed as a second-order differential equation, Newton's law of cooling, Spring Mass system, Rocket launching, etc.

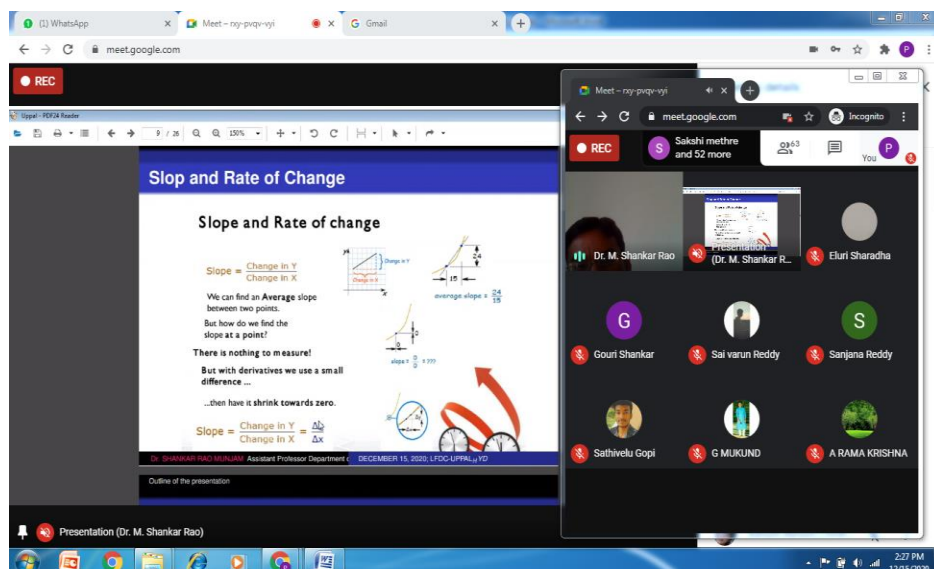


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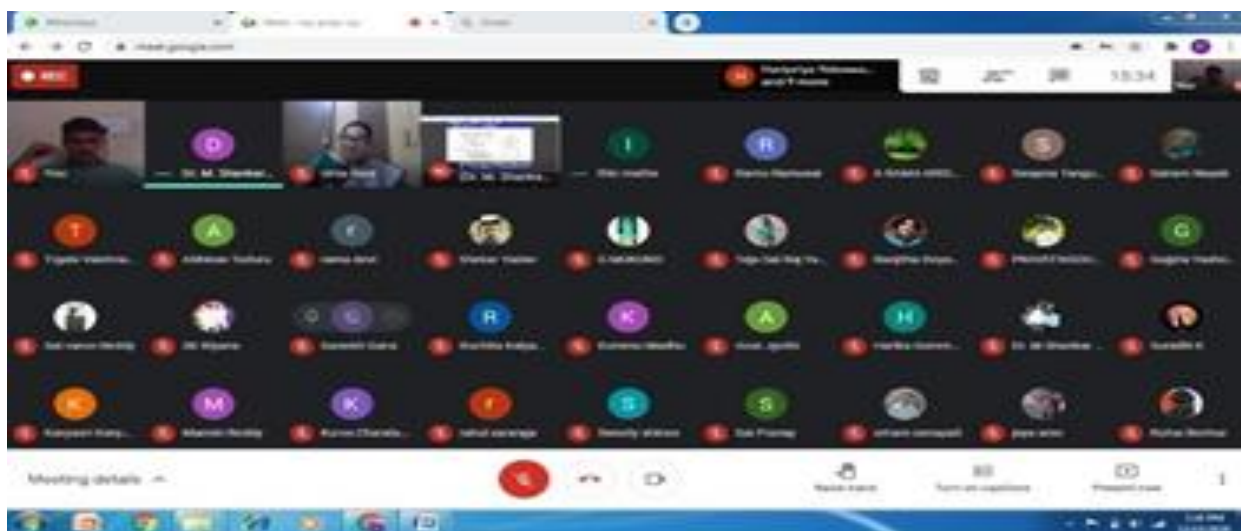
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Dr, Shankar Rao Munjam, explaining the significance and applications of Differential equations in a National Webinar.



Ms. Uma Rani, Faculty, Dept. of Mathematics proposing the vote of thanks in the National webinar on the significance and Application of Differential Equations.



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ONE DAY NATIONAL WEBINAR ON SCIENCE AND TECHNOLOGY INNOVATIONS AND INTERVENTIONS TO ACHIEVE ATMANIRBHAR BHARAT

Name of the Event: National Webinar

Topic: Science and Technology innovations and interventions

Date: 24th December 2020

Platform: Google Meet

Resource Person: Dr. M. Chandrasekharam, Sr. Scientist, FRSC, FAPAS, IICT

Participants: Faculty and students from various institutions

No. of Participants: 78

One Day National Webinar on ‘Science and technology innovations and interventions to achieve Atma Nirbhar Bharat’ was organized by Department of Mathematics Little Flower Degree College, Uppal, Hyderabad on 24th December 2020 from 11:30 AM to 1 PM. The keynote speaker of the session was Dr. M. Chandrashekaram Sr. Principal Scientist & Professor of Polymers & Functional Materials Division, CSIR-IICT Hyderabad. The main objective of this webinar session is to identify the ideas that give rise to innovations with the aid of science and technology. Dr. M. Chandrashekaram enlightened the participants with the various methods through which the Innovations can take place with the help of science and technology. He has also stressed the importance of Aatma Nirbar Bharath which was introduced by our Honourable Prime Minister Shri Narendra Modi by outlining five important pillars namely Economy, Infrastructure, System, Vibrant Demography and Demand, and also how CSIR had lent its contribution towards the motto of Atma Nirbar Bharath in terms of DRISHTI transmitter.



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LITTLE FLOWER DEGREE COLLEGE UPPAL, HYDERABAD

LITTLE FLOWER QUALITY ASSURANCE CELL (LFQAC)

IN COLLABORATION WITH

DEPARTMENT OF MATHEMATICS

ONE DAY NATIONAL WEBINAR

ON

**"SCIENCE & TECHNOLOGY INNOVATIONS AND
INTERVENTIONS TO ACHIEVE ATMANIRBHAR BHARAT"**

Date : 24 December 2020



11 :30 AM - 1 PM

REGISTER HERE

JOIN THROUGH GMEET

FREE REGISTRATION

E-CERTIFICATES ARE PROVIDED TO PARTICIPANTS

Key Note Speaker

DR. M. CHANDRASEKHARAM FRSC, FAPAS

SR. PRINCIPAL SCIENTIST & PROFESSOR POLYMERS &
FUNCTIONAL MATERIALS DIVISION

CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY
HYDERABAD



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A National Webinar on science and Technology innovations and interventions to achieve Atma Nirbhar Bharat was published in the paper



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NATIONAL LEVEL SEVEN DAY ONLINE WORKSHOP ON REVISED NAAC NORMS AND PROCEDURES

Name of the Event: National Webinar (Attended)

Topic: Science and Technology Innovations and Interventions

Date: 7th to 15th January 2021

Platform: Zoom Meet

Participants: Mr.M. Prashanth

No. of Participants: 01

Mr. M. Prashanth, faculty of Mathematics attended a National webinar on Science and Technology Innovations and interventions from 7th to 15th September 2020 in an online mode ZOOM meeting as a platform.

Day 1 was started with the inauguration by chief guest Dr. Ashwathnarayan C. N, Hon'ble DCM, Ministry of Higher Education, Guest of Honor, Prof.S.C. Sharma, Director-National Assessment and Accreditation (NAAC) for a crisp keynote address on the aspects of accreditation framework of NAAC. Rector Fr. Swebert d'Silva SJ spoke about the "Role of Teachers in the Accreditation Process".

Day-2 Session -1 titled "Curricular Aspects" was led by Dr. Fr. Davis George, Aloysius Institute of Technology spoke about curriculum design, delivery, and assessments to meet the demands of the current trends.

Day-3 Session -2 about "Teaching Learning and Evaluation" was presented by Dr. K. Karunakaran, Chief executive officer, Hindustan Educational Institutions, Coimbatore. He shed light on the student-centric approach in teaching the Teaching-learning process, catering to diverse needs and Innovation related to ICT Digital Tools.

Day-4 Session-3 about "Research, Innovations, and Extensions" was presented by Dr.Fr.S. IGNACIMUTHU, S.J., Director Xavier Research Foundation, St. Xaviers College, Palayamkottal. He spoke about promotion of research and emphasis to be given research activities and publications and also reaching out to the society through various extension



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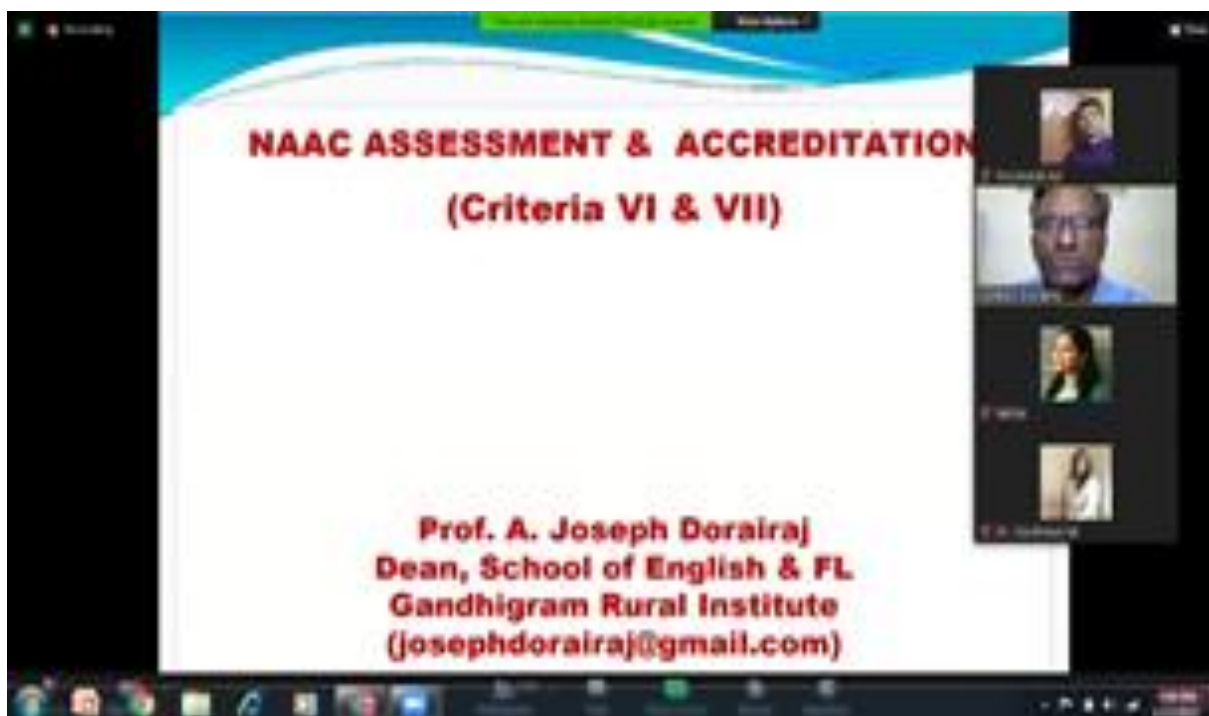
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activities.

Day-4 Session -4 about “Infrastructure and Learning Resources” was presented by Dr. Shobhana Vasudevan, Principal R.A Poddar College, Mumbai. She presented a detailed overview on infrastructure maintenance, making students accountable for infrastructure by giving them responsibilities of Infrastructure.

This was followed by Session -5 on “Student Support and Progression “by Dr.B.Vanitha, Secretary, KGISL Educational Institution, Coimbatore. She presented a detailed analysis of student placements, and the weightage of marks.

Day-5 sessions 6 & 7 “Governance, Leadership and Management” and “Institutional Values and Best Practices” by Dr. A. Joseph Dorairaj, Dean, School of English and Foreign Languages, Gandhigram Rural Institute (Deemed to be University), Dindigul, Tamil Naidu. He presented the importance and ways of implementing e-governance. He also familiarised the audience with functions of IQAC, Best Practices, Distinctiveness, Sustainability, Placements, Mou’s etc...



Prof. A. Joseph Dorairaj, Dean, School of English & FL taking the session in an online workshop



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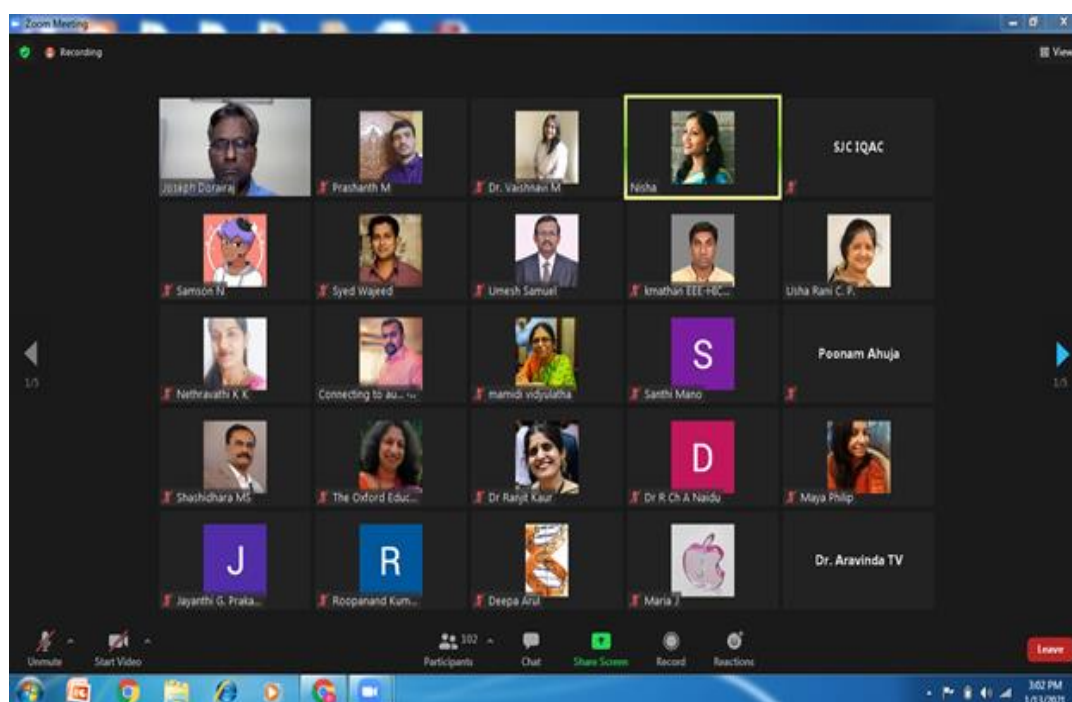
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Mr. M. Prashanth, Faculty, Dept. of Mathematics attending the online workshop





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INTERNATIONAL PROFESSIONAL DEVELOPMENT PROGRAM ON MAJOR ROLE OF MATHEMATICS IN THE DEVELOPMENT OF SCIENCE & TECHNOLOGY

Name of the Event: International Professional Development Programme

Topic: Major role of Mathematics in the Development of Science & Technology

Date: 22nd to 26th February 2021

Platform: Google Meet

Resource Person:

Day 1: Dr. Lakshmana GomathiNayagam

Day 2: Dr. Madhumangal Pal

Day 3: Dr. Yamuna

Day 4: Dr.B. V. Senthil Kumar

Day 5: Dr. Challa Subhramanya Shastri

Participants: Faculty from various institutions

No. of Participants: 65

The International Professional Development Programme on “Major Role of Mathematics in the Development of Science and Technology” was jointly organized by the Department of Mathematics, Little Flower Degree College, Uppal, Hyderabad, Telangana & PG and Research Department of Mathematics, Auxilium College (Autonomous), Vellore, Tamil Nadu, during 22.02.2021 - 26.02.2021 from 1.30 p.m. to 3 p.m. Through five days of engagement with distinguished resource people, the PDP aims to provide participants a platform to improve their research and mathematical abilities, encourage idea exchange, and spark their curiosity.

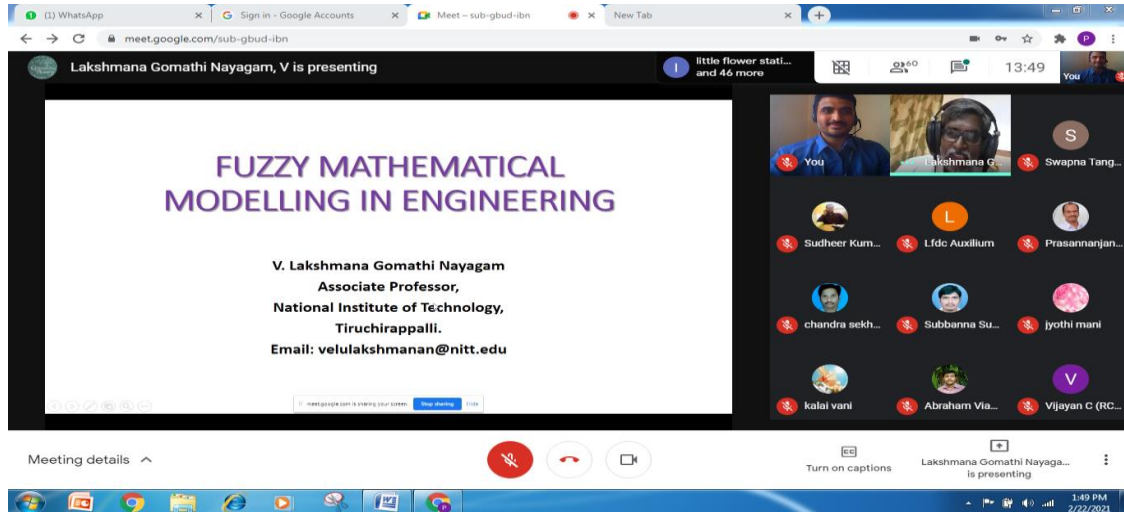


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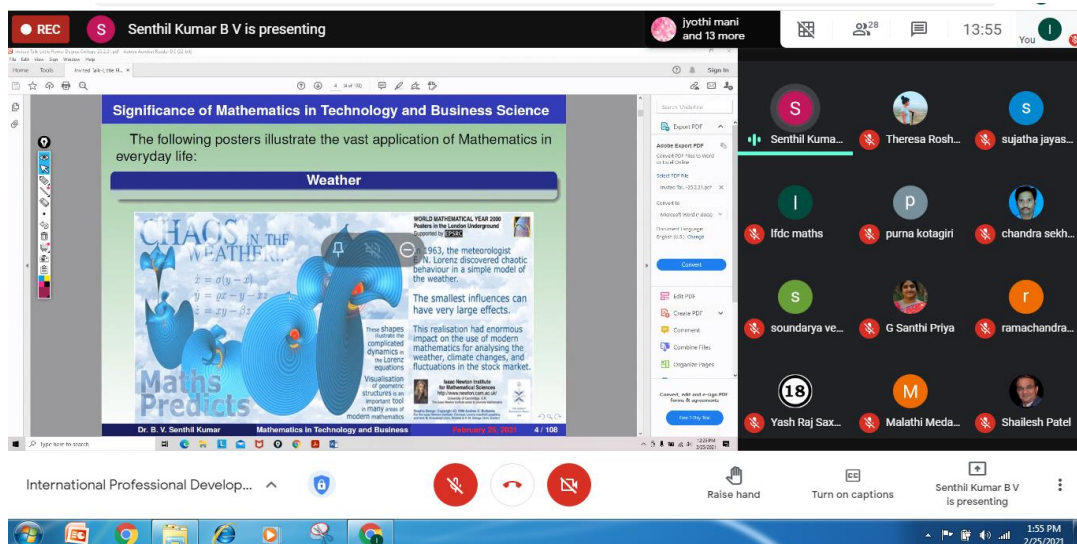
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Dr. Lakshmana Gomathi Nayagam, NIT, Trichy, Tamil Nadu addressing on Fuzzy Mathematical Modelling for the participants in the International PDP



Dr. B.V. Senthil Kumar, University of Technology and Applied Sciences, Nizwa, Oman addressing on significance of Mathematics in Technology and Business Science in InternationalPDP



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Dr. Madhumangal Pal, Vidyasagar University, Midnapore, West Bengal addressing on Mathematical Tools in the International PDP

Dr. Yamuna M, VIT, Vellore, Tamil Nadu addressing on the Genetic Code Boolean Lattice in the International PDP.



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PI DAY CELEBRATIONS - SUPER MOVIE 30

Name of the Event: Pi Day Celebrations

Topic: Super Movie 30

Date: 15th March 2021

Venue: Montfort Hall

Participants: B.SC first-year students (MPCS, MECS, MSCS, MPC)

No. of Participants: 91

The Department of Mathematics organized a Pi Day celebration on March 15, 2021, as March 14 is recognized as Pi Day worldwide. We showed the movie "SUPER-30" to the students on this occasion. The students were delighted and found inspiration in the film, expressing the belief that dedication to goals and hard work will always yield fruitful results.



B.Sc. First-year students watching Super Movie 30 as part of Pie Day celebrations.



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B.Sc. First-year students watching the Super Movie 30 part of Pie Day celebrations.



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ONLINE WORKSHOP ON LATEX

Name of the Event: Online Workshop

Topic: LATEX

Name of the collaboration: IIT BOMBAY Tutorials

Date: 22nd to 28th April 2021

Platform: Google Meet

Participants: Faculty and students

No. of Participants: 12

An online workshop on LATEX was organized by the Department of Mathematics in collaboration with Spoken Tutorials IIT Bombay from April 22nd to April 28th, 2021. In this workshop, the flyer and the registration form were sent online to the participants to enroll for the workshop. The videos on LATEX were posted online to the registered participants. On the last day, the test was administered, and certificates of completion were awarded to those who passed. This workshop helped the Participants learn the fundamentals of LATEX, including how to set up a LATEX document, compile it, and understand its basic syntax.

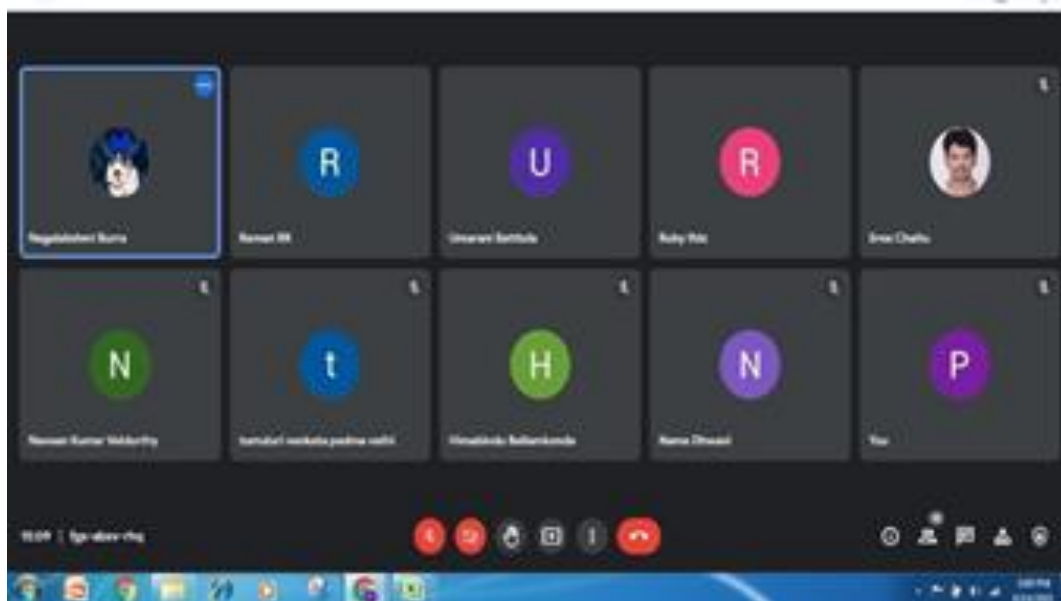


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Ms.T. Naga Lakshmi addressing the participants and explaining about the procedure to register in the online workshop on LATEX



Mr. M. Prashanth, Faculty, Dept. of Mathematics attempting the Online Workshop exam on LATEX