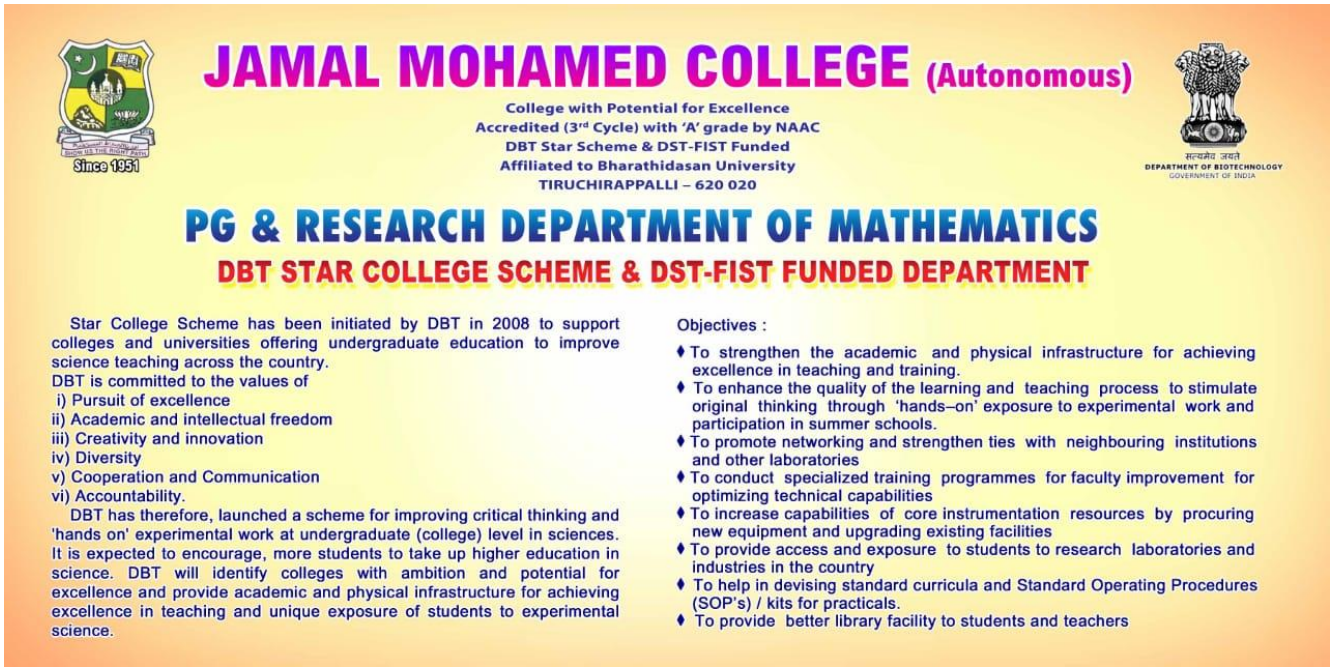
Feautures of DBT Star College Scheme displayed infront of the Department of Mathematics on 24.03.2020 form making awareness among the staff members and studetns.



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PG & RESEARCH DEPARTMENT OF MATHEMATICS

DBT STAR COLLEGE SCHEME ACTIVITY

Date :

COVID-19 awareness phamblets were distributed among the public on 24.03.2020 in the presence of our Secretary and Correspondent, Treasurer, Principal, Head (i/c) and Faculty members of the Department of Mathematics. 500 pamphlets were distributed. 60 Students from I B.Sc and II B.Sc., Mathematics came to Volunteer themselves for the distribution of Pamphlets

COVID-19 Handout

ஜமால் முகமது கல்லூரி (தன்னாட்சி)

ஆற்றல் வளத்தனித்தகுதியும்
தேசியத் தர மதிப்பீட்டு மூன்றாம் சுற்றில் 'A' தரச்சான்றும்
DBT- நட்சத்திர திட்டம் மற்றும் DST-FIST நிதிநல்கையும் பெற்றது
(பாரதிதாசன் பல்கலைக்கழக இணைவு பெற்றது)
திருச்சிராப்பள்ளி-620 020.

Since 1951

கொவிட்-19

(2019 கொரோனா கிருமி நோய்)

உங்களுக்குச் சளிக்காய்ச்சலுக்கான மிதமான அறிகுறிகள் இருந்தால்

இருமல் சளி தொண்டை வலி காய்ச்சல்

மருத்துவரைச் சென்று பார்க்கவும்

- வேலைக்கு அல்லது பள்ளிக்குச் செல்லவேண்டாம்
- கூட்டங்களைத் தவிர்க்கவும்
- வீட்டில் இருக்கவும்
- வெவ்வேறு மருத்துவர்களைச் சென்று பார்க்கவேண்டாம்

நாம் அனைவரும் நமது பங்கை ஆற்றலாம்

உங்கள் கைகளை அடிக்கடி சவர்க்காரம் பயன்படுத்திக் கழுவவும்

நாளுக்கு இருமுறை உடல் வெப்பநிலையைக் கண்காணிக்கவும்

உங்கள் முகத்தை உங்கள் கைகளால் தொடுவதைத் தவிர்க்கவும்

விட்டுத் தடைக்காப்பு ஆணைகளுக்கும், வீட்டிலேயே இருப்பதற்கான உத்தரவுகளுக்கும் இணங்கி, உங்களுக்காக நிர்ணயிக்கப்பட்ட இடங்களிலேயே இருக்கவும்

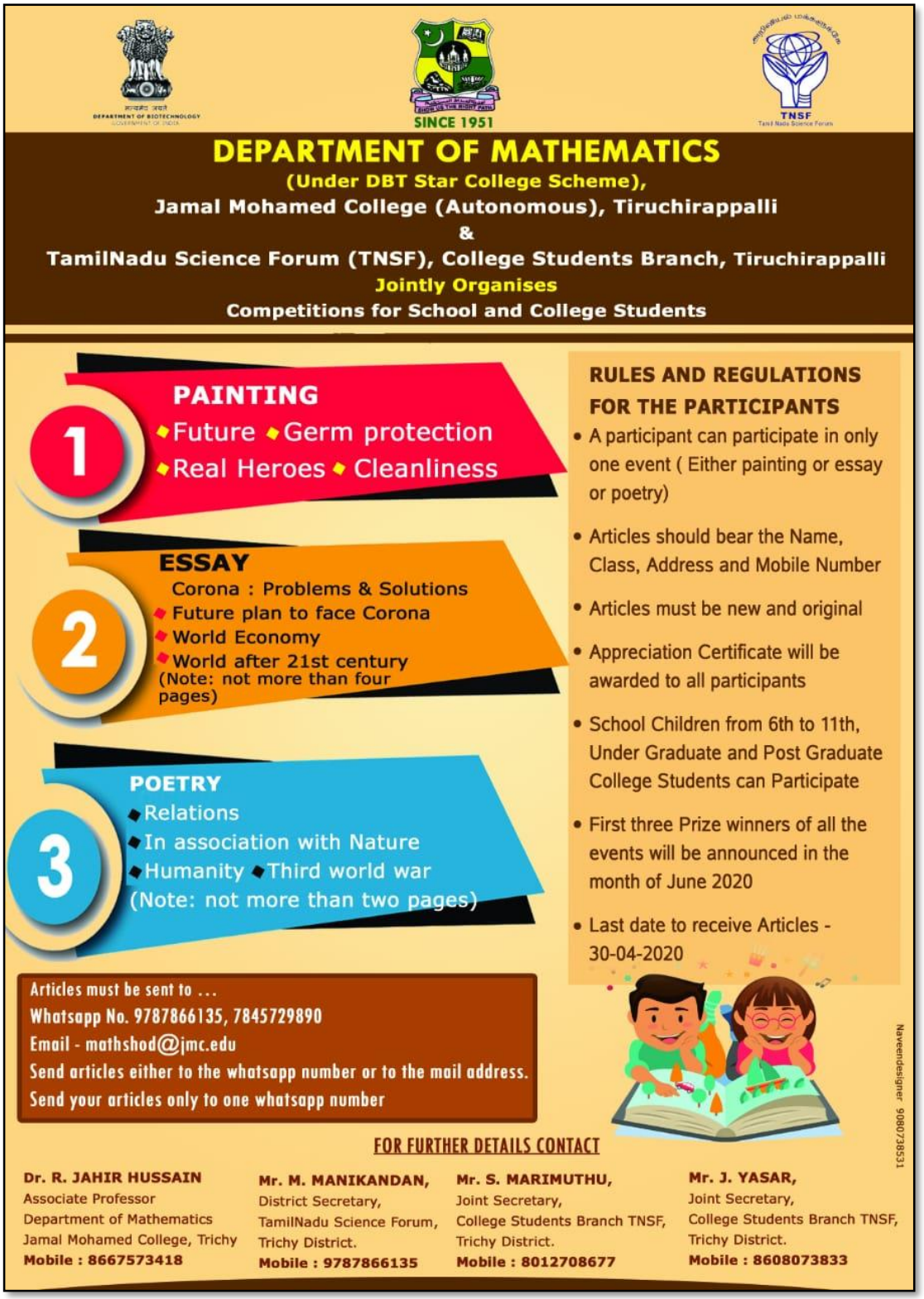
விழிப்புடன் இருப்போம்! கொரோனாவை தடுப்போம்!!

பொதுநலன் கருதி வெளியீடு

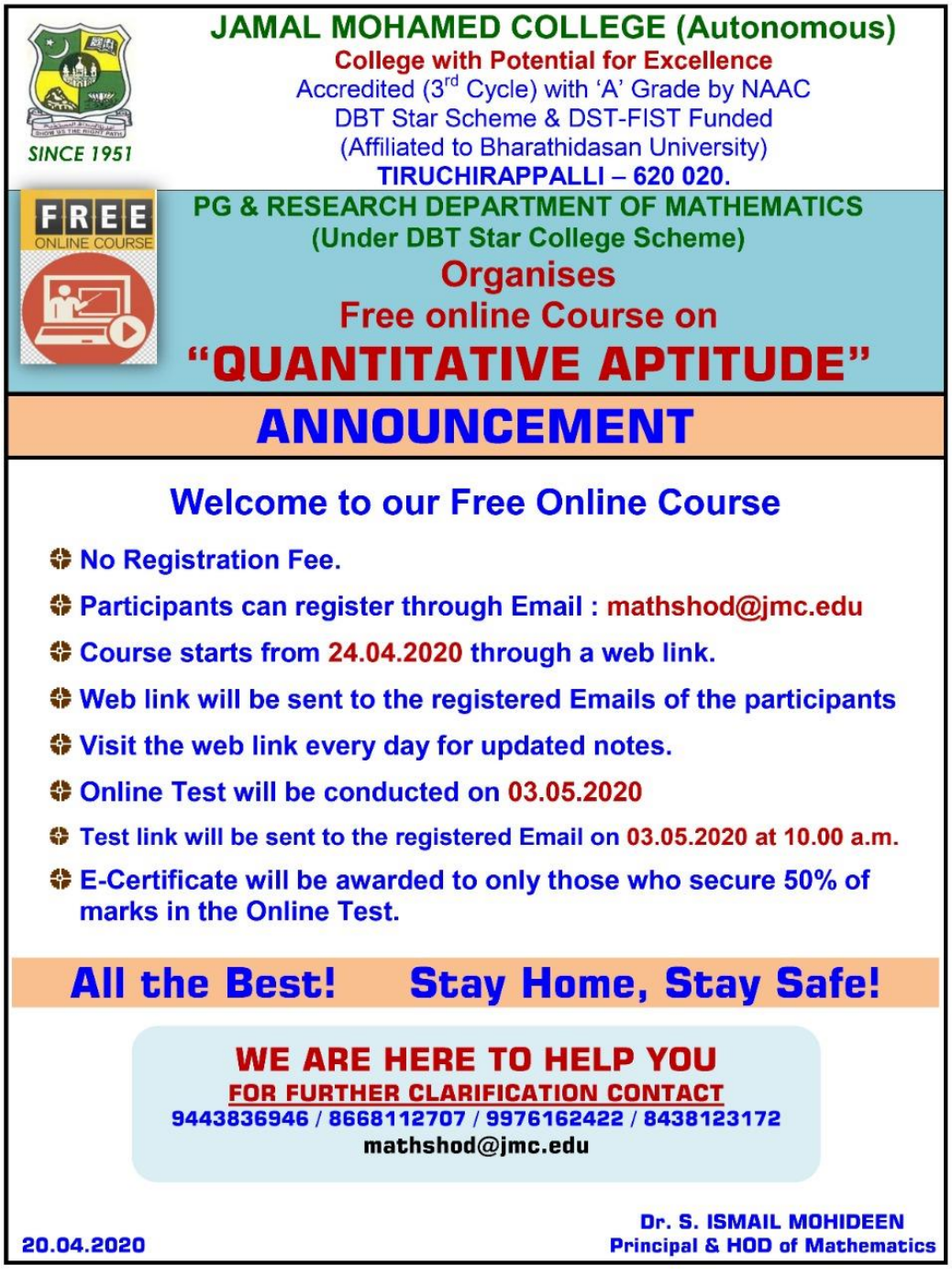
கணிதத்துறை - DBT Star College Scheme

Snapshots of Pamphlet distribution at various places in Tiruchirappalli District on 24.03.2020

The Department of Mathematics, Jamal Mohamed College in association with TNSF Students Branch, Trichy conducted Competitions in Painting, Essay Writing and Poetry. Overall we have received 945 submissions out of which 94 Poems, 313 Paintings and 75 Essays submitted under School Category and 132 Poems, 191 Paintings and 140 Essays submitted under College category. Participants from various Districts of TamilNadu, Pondicherry, Bangalore, Karnataka, Kerala and Telungana took part in the Competitions.



The Department of Mathematics, Jamal Mohamed College, Tiruchirappalli conducted an online course on “Quantitative Aptitude” for Seven Days (from 24.04.2020 to 02.05.2020) under DBT Star College Scheme in association with Tamil Nadu Science Forum students branch. The course attracted people from various parts of the globe including countries like England, German and Oman besides participants from various states like Andra Pradesh, Gujrarat, Karnataka, Kerala, Maharashtra, Puducherry, Punjab, Rajasthan, Telungana and Uttar Pradesh of our country came forward to register for the course. 2962 people have registered for the course and 1840 people took the online test on 03.05.2020. E-Certificates were awarded to 1600 candidates who have secured 50% and above in the online test.



The Department of Mathematics, Jamal Mohamed College, Tiruchirappalli conducted an Faculty Development Programme on Data Science USING R PROGRAMMING and GEO GEBRA from 11.05.2020 to 14.05.2020 under DBT Star College Scheme in association with Spoken Tutorial, IIT Bombay. Spoken Tutorial is an initiative of National Mission on Education through ICT, MHRD, Govt. of India, to promote IT literacy through Open Source Software. The FDP attracted people from various states like Andra Pradesh, Gujrarat, Karnataka, Kerala, Maharashtra, Puducherry, Punjab, Rajasthan, Telungana Uttar Pradesh and Tamil Nadu of our country came forward to register for the course. 1198 people have registered for the course and 751 people attended the FDP.

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

NOTIFICATION **Date: 02.05.2020**

We are very happy to inform and invite you for a **Faculty Development Programme** on Data Science USING **R PROGRAMMING and GEO GEBRA** organized by the Department of Mathematics (Under DBT Star College Scheme), Jamal Mohamed College (Autonomous) in association with Spoken Tutorial, IIT Bombay.

This is a free certification cum four days Faculty Development Programme . Spoken Tutorial is an initiative of National Mission on Education through ICT, MHRD, Govt. of India, to promote IT literacy through Open Source Software. If you have interest to take benefits from this Faculty Development Programme, do registration through the following link (Give alternate email id if you have registered other FDP under Spoken Tutorial, IIT Bombay).

https://docs.google.com/forms/d/e/1FAIpQLSfwWwK2hw7AxGVtHGomemq8buF-7jeMDkVpvLr7xmk5yrxa-A/viewform?usp=sf_link

There is no registration fee for the participants.

FDP Dates : 11.05.2020 to 14.05.2020

Last date of registration: 08.05.2020 upto 10 AM

Target Participants: Staff members from Mathematics, Statistics, Physics, Chemistry, Computer Science and other interested learners from other disciplines.

E-Participation Certificate will be given (No Exam) to all participants from Spoken Tutorial, IIT Bombay and it will be sent to your registered mail as soon as possible (on or before 31.05.2020).

You can access the study material from : https://spoken-tutorial.org/cdcontent/

For any query feel free to contact: 9976162422/ 9443836946/ 7845729890/ 8438123172

It is mandatory to Download Telegram app from play store and join the group (for queries and information) using link: https://t.me/joinchat/Su-S4FfzYtwmHMl7ufpS7Q

Note: You are requested to visit our College Website frequently at least once in a day for getting updated information regarding this FDP (if any). There is no limitation for doing registration and all those who fill up Google Form for this program will be admitted and there will be no confirmation mail from our side. All are asked to refer the study material as and when you are free and follow the above links.

With regards,
Dr. S.Ismail Mohideen
Principal & HOD of Mathematics

Spoken Tutorial

Certificate of Participation

This is to certify that **SADHANA SINGH** participated in the **R** training organized at **Jamal Mohamed College (Autonomous)** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

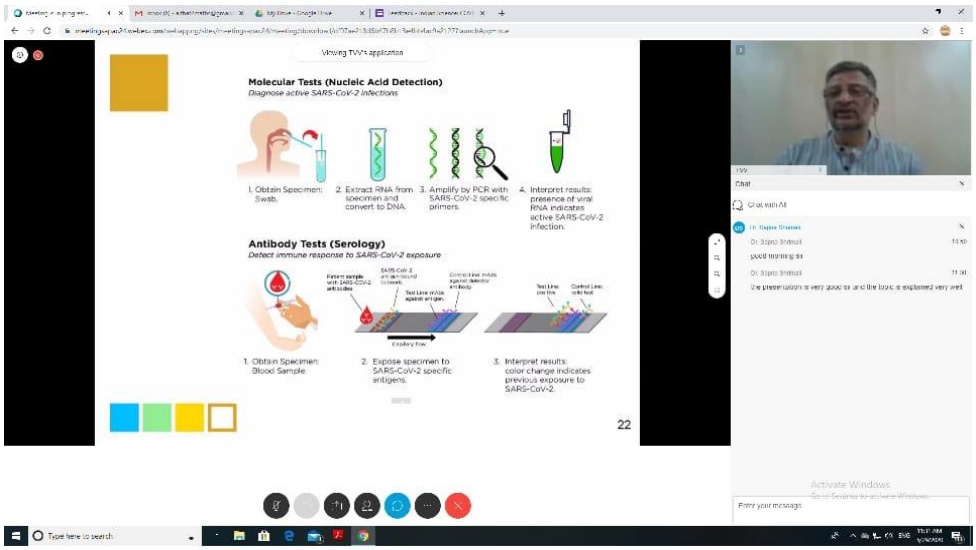
A comprehensive set of topics pertaining to **R** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

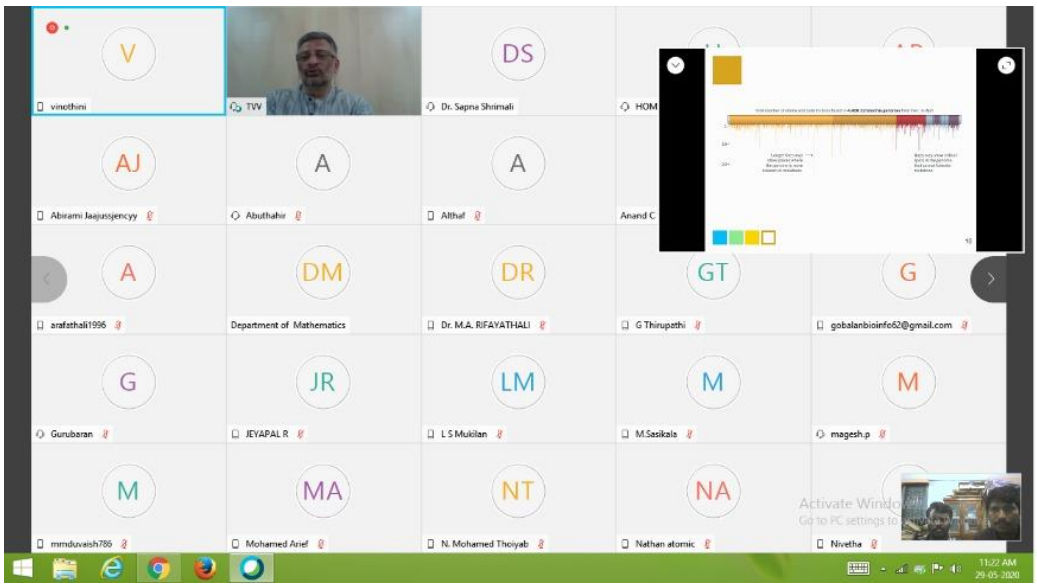
May 12th 2020

Prof. Kannan M Moudgalya
IIT Bombay

The Department of Mathematics under the auspices of DBT STAR College Scheme in association with TNSF, Tiruchirappalli conducted a National Level Webinar titled “Indian Science: Covid-19 Scenario” on 29/05/2020 through Cisco Webex Meetings Application. The Webinar lured registration from 1402 applicants from Tamilnadu, Andra Pradesh, Bihar, Chhattisgarh, Delhi, Goa, Gujarat, Haryana, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Pondicherry, Odisha, Punjab, Rajasthan, Sikkim, Telangana, Utter Pradesh and West Bengal in addition with a few registration from Bahrain and Oman. 110 applicants based on early bird registration were allowed to participate in the Webinar. The Programme was formally began with Qirath rended by Dr. R. Jahir Hussain and Mr. Manikandan, Secretary TNSF Students Branch, Trichy welcomed the gathering. Dr. TV. Venkateswaran, Scientist ‘F’, Vigyan Prasar, Department of Science and Technology, New Delhi delivered the Special Address and interacted with the participants. The programme ended up with a vote of thanks proposed by Dr. A. Mohamed Ismayil.

A snapshot of lively interaction with Dr. TV. Venkateswaran, Scientist





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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

NOTIFICATION **Date: 01.06.2020**

We are very happy to inform and invite Mathematics staff members for an **Online Faculty Development Programme on Pure and Applied Mathematics** organized by the Department of Mathematics (Under DBT Star College Scheme), Jamal Mohamed College (Autonomous), Tiruchirappalli.

If you have interest to take benefits from this Online Faculty Development Programme, do registration through the following link

https://forms.gle/yaxPzFXGrqU1AGCK8

There is no registration fee for the participants.

FDP Dates : 11.06.2020 to 17.06.2020

Last date for registration: 08.06.2020 upto 10 AM

E-Participation Certificate will be awarded (No Exam) to all participants and it will reach your registered mail as soon as possible (on or before 30.06.2020).

For any query feel free to contact: 9976162422/ 9443836946/ 8438123172

It is mandatory to Download Telegram app from Google Play Store and join the group (for queries and informations) using the link: https://t.me/joinchat/Su-S4BtpxAksGXuYB_WK6g

Note: There is no limitation for doing registration and all those who fill up Google Form for this program will be admitted and there will be no confirmation mail from our side.

With regards,
Dr. S.Ismail Mohideen
Principal & HOD of Mathematics

The Department of Mathematics under the auspices of DBT STAR College Scheme conducted an **Online Faculty Development Programme on Pure and Applied Mathematics from** 11.06.2020 to 17.06.2020 through Cisco Webex Meetings Application. The FDP lured participants from Tamilnadu, Ajman, Andra Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, Delhi, Gujarat, Haryana, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Nagland, Nizwa, Pondicherry, Punjab, Rajasthan, Tamil Nadu, Telangana, Utter Pradesh, Uttarahkhand and West Bengal in addition with a few registration from Kenya,Oman, UAE and US. 580 avid learners participated in the FDP. The recorded video lectures are uploaded in the YouTube Channel JMC Mathematics Department.

The details of the Programme are given below:

S. No.	Date	Resource Person	Topic
1	11-06-2020	Dr. A. Nagoorgani Associate Professor of Mathematics Jamal Mohamed College (Autonomous) Tiruchirappalli - 620020	Optimization Models using Fuzzy Numbers
2	12-06-2020	Dr. A. Solairaju Associate Professor of Mathematics Jamal Mohamed College (Autonomous) Tiruchirappalli - 620020	Fuzzy Algebraic Structures
3	13-06-2020	Dr. D.I. George Amalarethinam, Associate Professor and Director of MCA, Department of Computer Science, Jamal Mohamed College (Autonomous) Tiruchirappalli - 620020	Applications of Mathematics in Computer Science
4	15-06-2020	Dr. R. Jahir Hussain Head (i/c) & Associate Professor of Mathematics Jamal Mohamed College (Autonomous) Tiruchirappalli - 620020	Domination in Graphs
5	16-06-2020	Dr. A. Mohamed Ismayil Associate Professor of Mathematics Jamal Mohamed College (Autonomous) Tiruchirappalli - 620020	Types of Distances and Eccentric Domination in Graphs
6	17-06-2020	Dr. S. Ismail Mohideen Principal and Head Associate Professor of Mathematics Jamal Mohamed College (Autonomous) Tiruchirappalli - 620020	Network Optimization Problem

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

A Webinar on Small World Phenomenon
(Under DBT Star College Scheme)

Resource Person

Dr. Rajesh Singh
Assistant Professor
Department of Mathematics
Ramanujan College
University of Delhi
Kalkaji, New Delhi 110019

Target Audience:

II & III B.Sc Mathematics (2020-21) students of Jamal Mohamed College

Date: 16.06.2020 Day: Tuesday Time: 11 a.m.

Delivery Platform: Cisco Webex

For Lecture click the below Cisco Webex Link at 10.45 a.m. on 16.06.2020

https://meetingsapac24.webex.com/meet/pr919969552

For any clarification, please feel free to contact: 9976162422 or Chat with your Class Whats App group.

Note: There is no registration fee for the participants. Kindly fill the Feedback form for getting E-Certificates and the same will be shared at the end of the meeting in Chat Box on that day.

ALL ARE INVITED

Enter! Enjoy! Enrich!

A webinar on "Small World Phenomenon" was organized by PG and Research Department of Mathematics under DBT Star College Scheme for the Undergraduate students of our Department on 16/06/2020. 29 students from II-B.Sc and 20 students from III-B.Sc Mathematics attended this webinar and Dr.Rajesh Singh, Assistant Professor of Mathematics from Ramanujan Collge, Delhi delivered special address for the benefit of the students.

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

A Webinar on an Introduction to Group Project

(Under DBT Star College Scheme)

Resource Person

Dr.N.Rajeswari
Associate Professor
Department of Mathematics
Sri GVG Visalakshi College for Women
Udumalpet

Target Audience:

III B.Sc Mathematics (2020-21) students of Jamal Mohamed College

Date: 25.06.2020 Day: Thursday Time: 11 a.m.

Delivery Platform: Cisco Webex

For Lecture click the below Cisco Webex Link at 10.45 a.m. on 25.06.2020

https://meetingsapac24.webex.com/meet/pr919969552

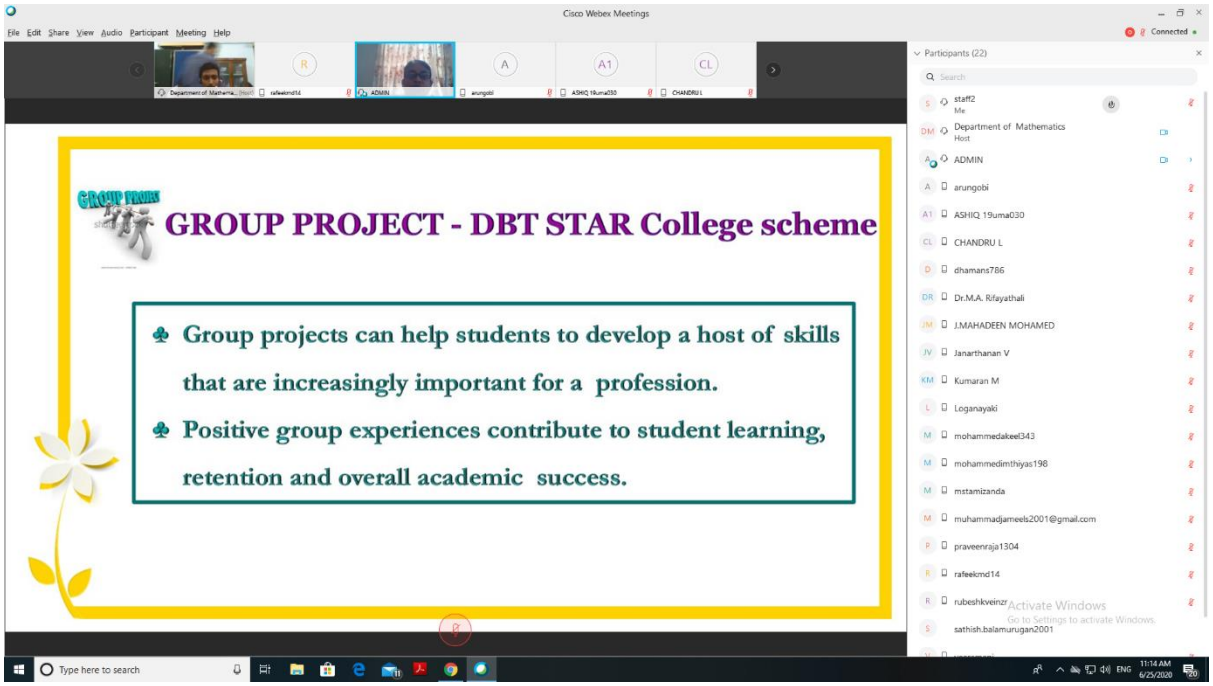
For any clarification, please feel free to contact: 9976162422 or Chat with your Class Whats App group.

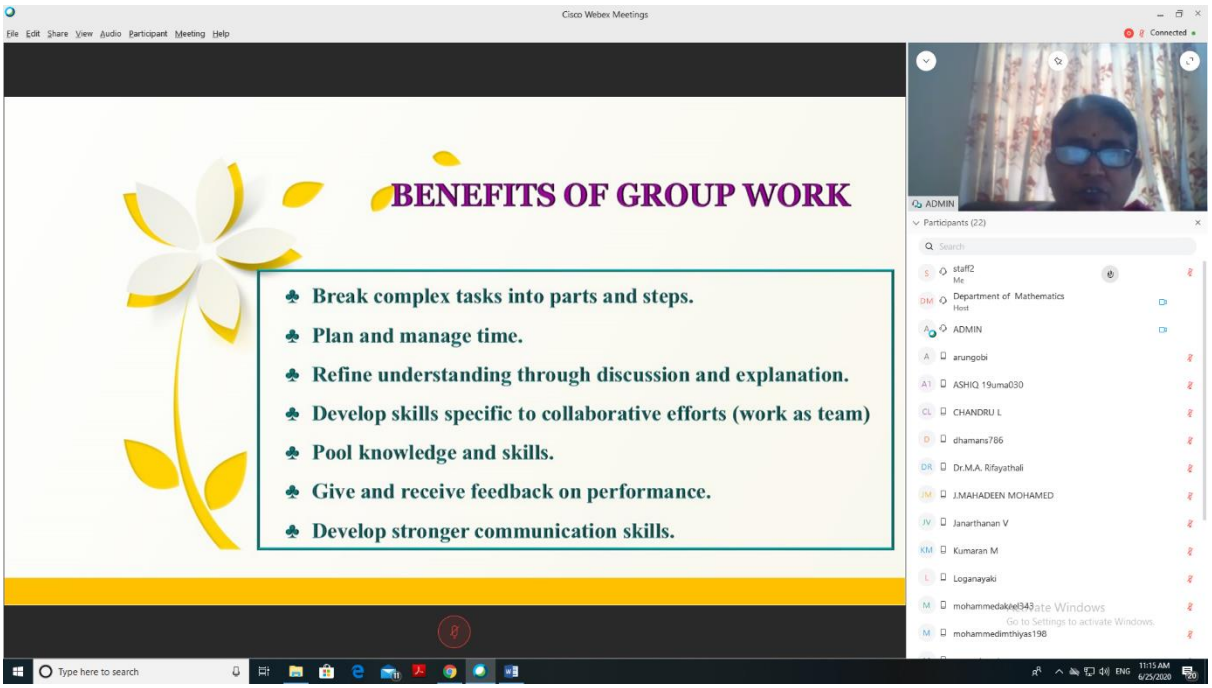
Note: There is no registration fee for the participants. Kindly fill the Feedback form for getting E-Certificates and the same will be shared at the end of the meeting in Chat Box on that day.

ALL ARE INVITED

Enter! Enjoy! Enrich!

A webinar on "Introduction to Group Projects" was organized by PG and Research Department of Mathematics under DBT Star College Scheme for the Undergraduate students of our Department on 25/06/2020. 40 students from III-B.Sc Mathematics (2020-21) attended this webinar and Dr.N.Rajeswari, Associate Professor of Mathematics from Sri GVG Visalakshi College for Women, Udumalpet delivered special address for the benefit of the students.


Cisco Webex Meetings
File Edit Share View Audio Participant Meeting Help
Connected
Participants (22)
GROUP PROJECT - DBT STAR College scheme
Group projects can help students to develop a host of skills that are increasingly important for a profession.
Positive group experiences contribute to student learning, retention and overall academic success.
Activate Windows
Go to Settings to activate Windows.
Type here to search
11:14 AM
6/25/2020


Cisco Webex Meetings
File Edit Share View Audio Participant Meeting Help
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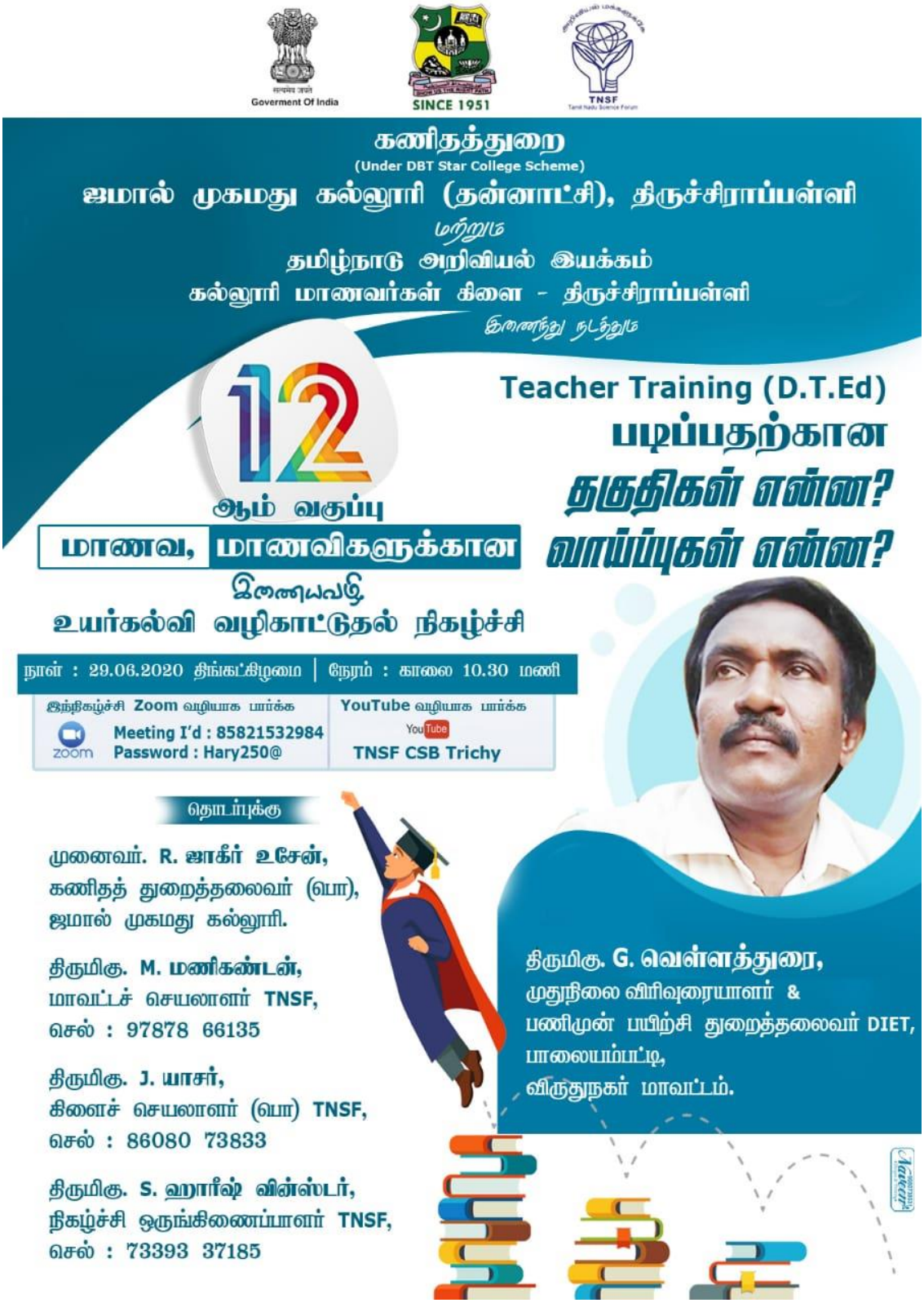
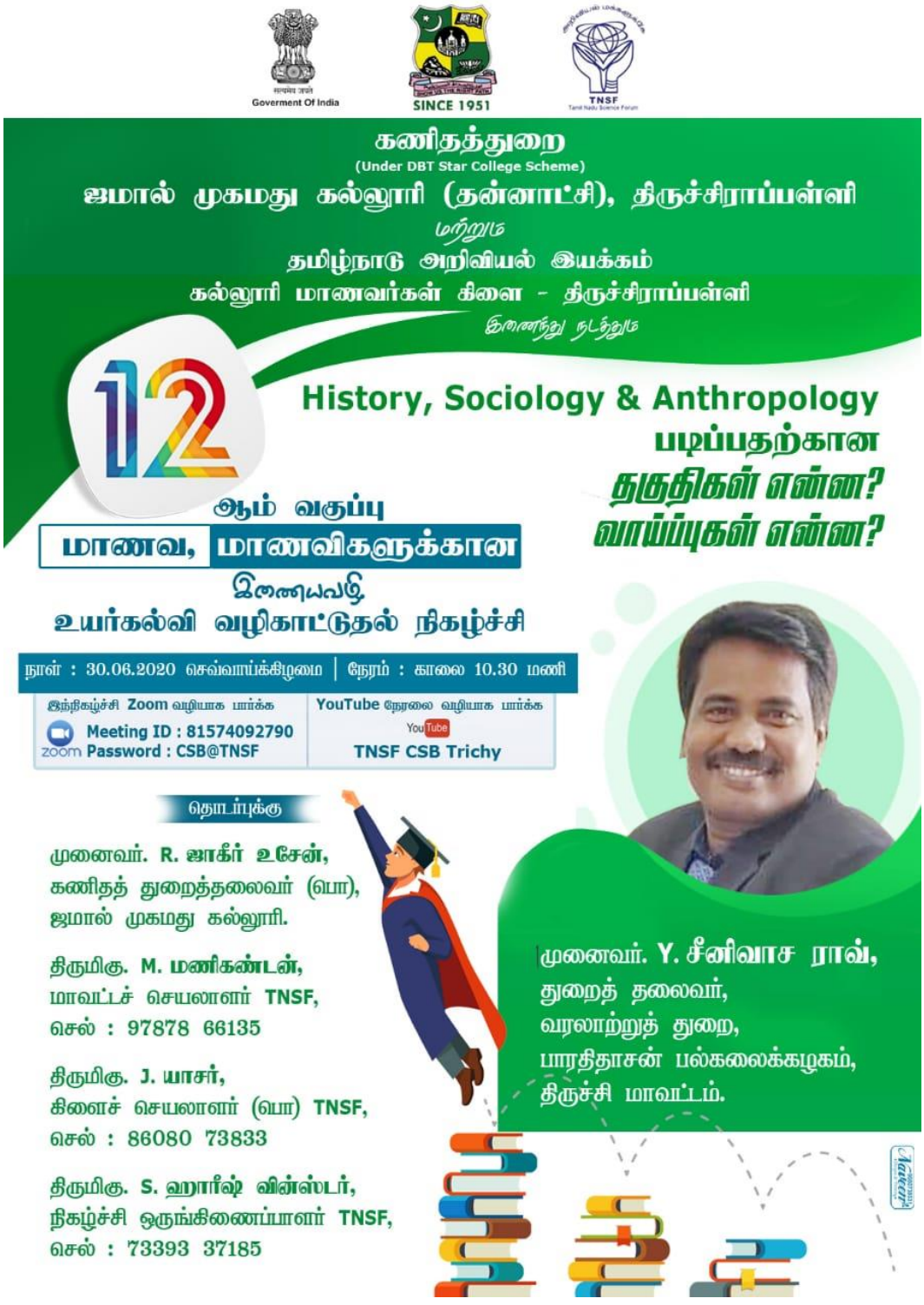
ADMIN
Participants (22)
BENEFITS OF GROUP WORK
Break complex tasks into parts and steps.
Plan and manage time.
Refine understanding through discussion and explanation.
Develop skills specific to collaborative efforts (work as team)
Pool knowledge and skills.
Give and receive feedback on performance.
Develop stronger communication skills.
Activate Windows
Go to Settings to activate Windows.
Type here to search
11:15 AM
6/25/2020

Jamal Mohamed College in association with Tamilnadu Science Forum-College Students Branch jointly organized an online programme entitled “Guidance for Higher Education” to motivate Twelfth standard students on what to pursue in Higher education under DBT Star College Scheme. On 29/6/2020 a special lecture was delivered by Dr.G.Vellaithurai, Associate Professor, DIET, Virudhunagar. He addressed on the opportunities and qualification required to pursue Diploma in Teacher education. 141 students participated and got benefitted out of this online programme.



Jamal Mohamed College in association with Tamilnadu Science Forum-College Students Branch jointly organized an online programme entitled “Guidance for Higher Education” to motivate Twelfth standard students on what to pursue in Higher education under DBT Star College Scheme. On 30/6/2020 a special lecture was delivered by Dr.Y.Srinivasa Rao, Head, Department of History, Bharathidasan University, Tiruchirappalli. He addressed on the opportunities and qualification required to pursue undergraduate courses in History, Sociology and Anthropology. 50 students participated and got benefitted out of this online programme.



S. No	DATE	NAME	SUBJECT	YOU TUBE LINK
1.	29.06.2020	**Mr. G. Vellatturai,** Masters Lecturer & Job Training, Head of Department DIET, Palaiyampatti, Virudhunagar District.	**DIET**	https://youtu.be/VlwKyjm1GFg
2.	30.06.2020	**Dr. Y. Srinivasa Rao,** Assistant Professor & Head, Department of History, Bharathidasan University, Tiruchirappalli District.	History, Sociology & Anthropology	https://youtu.be/FygoIwZxDeI

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

Faculty Improvement Programme

A Lecture on Advances in Linear Algebra and Differential Equations

(Under DBT Star College Scheme)

Resource Person

Dr.M.Azhagappan
HOD of Mathematics &
Controller of Examinations
Yadava College
Madurai - 625014

Date: 9th & 10th July 2020 Time: 10 a.m.

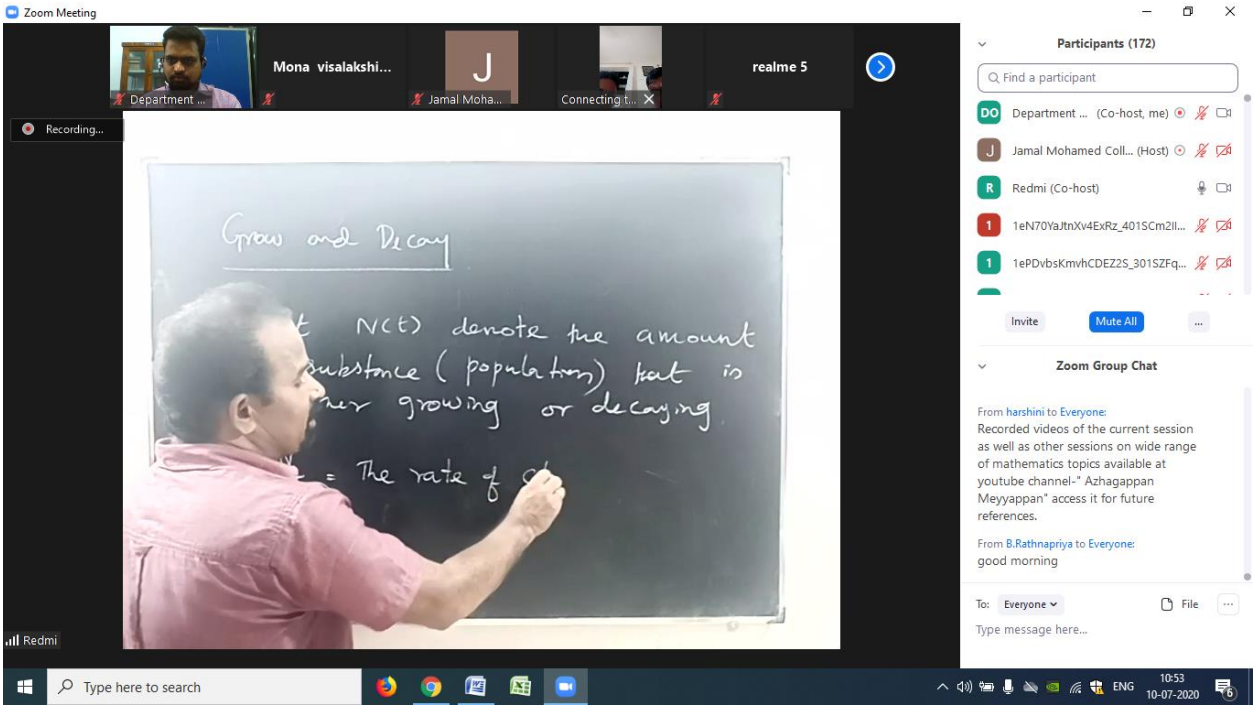
Delivery Platform: Zoom Cloud Meet
Meeting ID: 896 4207 4762
Password: 540315

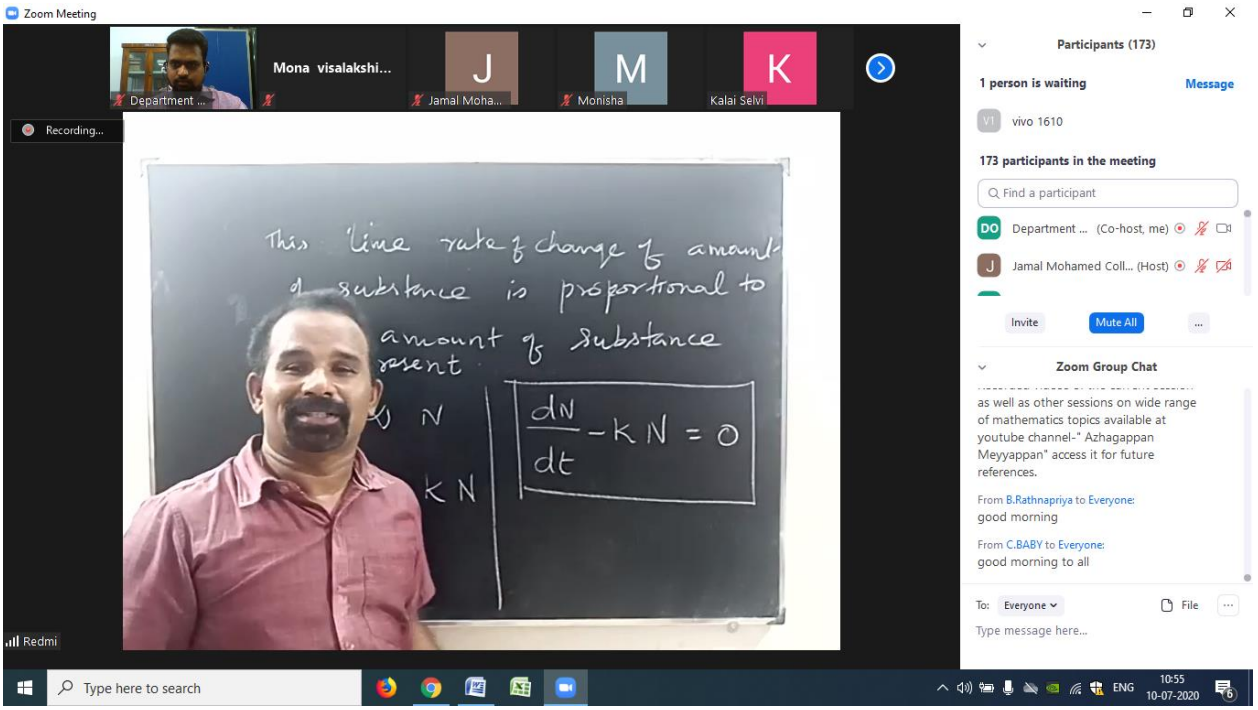
For any clarification, please feel free to contact: 9976162422

Note: There is no registration fee for the participants. Kindly fill the Feedback form for getting E-Certificates and the same will be shared at the end of the meeting in Chat Box on that day. Participants are expected to join the Zoom meeting exactly at 10.00 a.m.

ALL ARE INVITED

PG and Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli organized a Faculty Improvement Programme on “A Lecture on Advances in Linear Algebra and Differential Equations” under the sponsorship of DBT Star College Scheme on 9th and 10th July 2020. Dr. **Dr.M.Azhagappan,** HOD of Mathematics & Controller of Examinations, Yadava College, Madurai delivered the special lecture for the enrichment of the faculty. 234 Faculty members including staff members of our Department participated in the programme and reaped the benefits of the programme.





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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Hands on Training Programme on R

(Under DBT Star College Scheme)

Resource Person

Dr. B. BALA GURU
Assistant Professor
Department of Botany
Jamal Mohamed College
Tiruchy

Date: 11th & 12th July 2020 Time: 10 a.m.

Target Audience: Students of Jamal Mohamed College (Men Section)

- II & III B.Sc Mathematics (2020-21)
- III B.Sc Physics, Chemistry, Botany and Zoology (2020-21)

Delivery Platform: Zoom Cloud Meet
Meeting ID: 897 8261 0671
Password: 126974

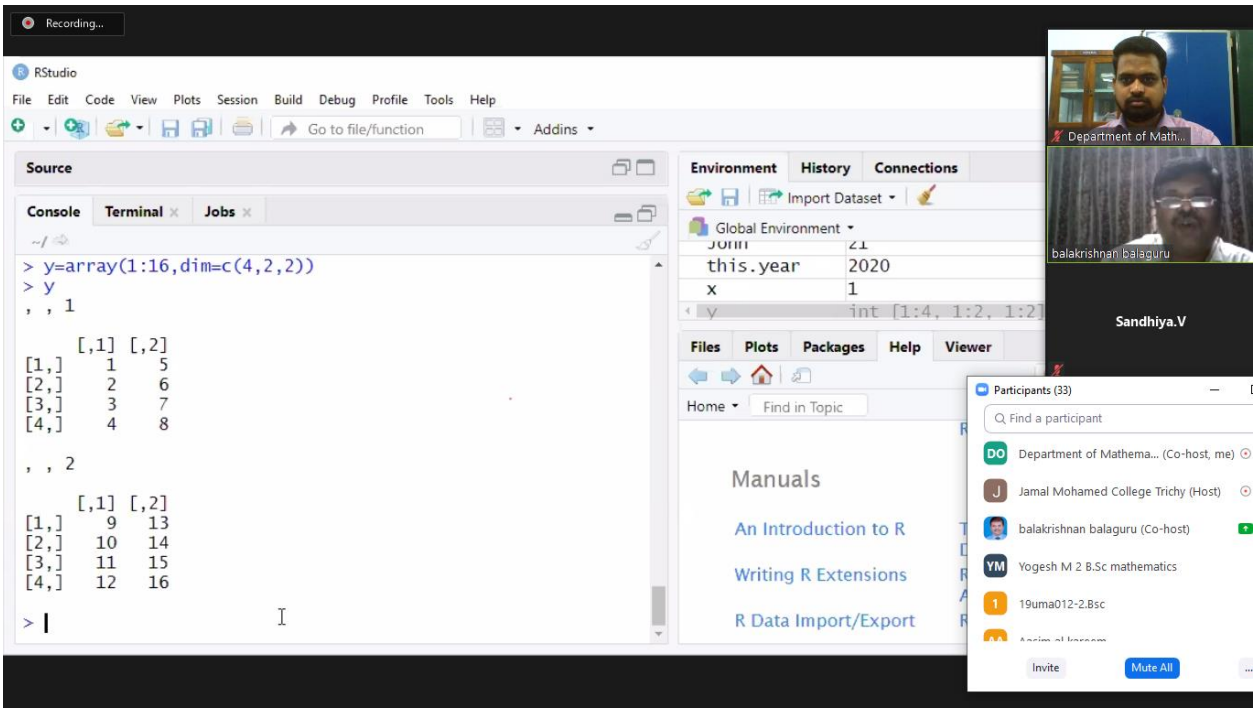
For any clarification, please feel free to contact: 9976162422

Note: There is no registration fee for the participants. Kindly fill the Feedback form for getting E-Certificates and the same will be shared at the end of the meeting in Chat Box on that day. Participants are expected to join the Zoom meeting exactly at 10.00 a.m.

ALL ARE INVITED

Enter! Enjoy! Enrich!

Under the aegis of DBT Star College Scheme “A hands on Training Programme on R” was organized by PG and Research Department of Mathematics for the benefit of Under Graduate students of all DBT Star College Departments of Jamal Mohamed College, Tiruchirappalli on 11th and 12th July 2020. Altogether 65 students from the DBT Star College Scheme Departments attended this programme and got benefitted. Dr. B. Bala Guru, Assistant Professor, Department of Botany, Jamal Mohamed College, Tiruchy acted as the resource person and delivered the special lecture.



An outreach programme under the patronage of DBT Star College scheme was organized an awareness programme for the Outgoing Students of Twelfth standard on "What to pursue after Twelfth?" by PG and Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli. A series of lectures for twenty two days was delivered by the experts of diverse fields who enlightened the students on the scope and opportunities available to them in the respective field. The list of Invited Speakers and Topics are as follows. 800 students participated and got benefitted out of this online programme.

S. No	DATE	NAME	SUBJECT	YOU TUBE LINK
1.	29.06.2020	**Mr. G. Vellatturai,** Masters Lecturer & Job Training, Head of Department DIET, Palaiyampatti, Virudhunagar District.	**DIET**	https://youtu.be/VlwKyjm1GFg
2.	30.06.2020	**Dr. Y. Srinivasa Rao,** Assistant Professor & Head, Department of History, Bharathidasan University, Tiruchirappalli District.	History, Sociology & Anthropology	https://youtu.be/FygoIwZxDeI
3.	01.07.2020	**Dr. Thirunavukarasu,** Assistant Professor, Department of Microbiology, Government Mohan Kumaramangalam Medical College, Salem District.	Medical & Veterinary Science	https://youtu.be/xEdZJbCErNc
4.	02.07.2020	**Dr. P. Thiravidamani,** Assistant Professor, Department of Tamil, Kunthavai Naachiyar Govt. Arts College for Women, Thanjavur District.	Literature (Tamil & English)	https://youtu.be/uQ42-ejD5BU
5.	03.07.2020	**Dr. P. Anbalagan,** Associate Professor, Department of Physical Education, Bharathiar University, Coimbatore District.	Physical Education	https://youtu.be/txnM0JOJucI
6.	04.07.2020	**Mr. O. M. Abdus Sukkoor,** Maternal & Child Health Officer (MCHO), Department of Public Health, Government of Tamilnadu.	Paramedical Courses & Nursing	https://youtu.be/fFTH45h7UCM

7.	05.07.2020	**Dr. A. Puratchikody,** Professor & Head, Department of Pharmaceutical Technology, Anna University Chennai, BIT Campus, Tiruchirappalli District.	Engineering & Technology	https://youtu.be/9TTRaCI7p_8
8.	06.07.2020	**Dr. M. Salahudeen,** Assistant Professor, Department of Zoology, Jamal Mohamed College, Tiruchirappalli District.	Biological Science	https://youtu.be/n53USQopNns
9.	07.07.2020	**Mr. D. Bharathiraja,** Research Scientist, Baxter Global Research center, Syngene International limited Bangalore.	Pharmacy	https://youtu.be/bFohxK_Nh8Q
10.	08.07.2020	**Dr. Arun Viveke,** Assistant Professor, Department of Chemistry, St. Joseph's College, Tiruchirappalli District.	Chemistry	https://youtu.be/2uym5DdUU7s
11.	09.07.2020	**Mrs. M. Arulsubila,** Founder and Chief Psychologist, Abi's Psychological Counselling and Research Centre, Tiruchirappalli District.	Psychology	https://youtu.be/Xiq_VU0mWGE
12.	10.07.2020	**Mrs. J. Dhivya Dharshini,** Assistant Professor, Department of Nutrition & Dietetics, Bharath College of Science & Management, Thanjavur District.	Nutrition & Dietetics	https://youtu.be/3EWrBDIKrqU
13.	11.07.2020	**Dr. N. Manimekalai,** Director & Head, Department of Women's Studies, Bharathidasan University, Tiruchirappalli District.	Economics & Social Studies	https://youtu.be/yzwQx-zIl9I
14.	12.07.2020	**Dr. J. Diraviam,** Senior Scientist & Head, ICAR Krishi Vigyan Kendra, Karur District.	Agriculture	https://youtu.be/Sj6ulDJUJuM
15.	13.07.2020	**Mr. R. Shibi Nandan,** Asst. Professor, Department of Visual Communication Technology, St. Joseph's College, Tiruchirappalli District.	Visual Communication Technology	https://youtu.be/eheSR53YV1s
16.	14.07.2020	**Dr. I. Jeyaraj,** Former Guest Lecture, Government College of Education, Orathanad, Thanjavur District.	Physics	https://youtu.be/JGP7ABuHrvQ

17.	15.07.2020	**Dr. S. R. Sethuraman,** Project Director, IIT Project, Krishnagiri District.	Polytechnic	https://youtu.be/Rm4gjtF_c0w
18.	17.07.2020	**Dr. S. Murugesan,** Assistant Professor, Government Law College, Tiruchirappalli District.	Law	https://youtu.be/3I74ex6sy0k
19.	18.07.2020	**Dr. R. Jahir Hussain,** Head of the Department (i/c), Department of Mathematics, Jamal Mohamed College, Tiruchirappalli District.	Mathematics, Statistics & Computer Science	https://youtu.be/FT3OcolFAUo
20.	19.07.2020	**Dr. D. Gunaseelan,** Assistant Professor, Research Department of Hotel Management, Jamal Mohamed college, Tiruchirappalli District.	Hotel Management	https://youtu.be/34UehOYqAQQ
21.	20.07.2020	**Dr. E. Mubarak Ali,** Head & Associate Professor, PG & Research Department of Commerce, Jamal Mohamed College, Tiruchirappalli District.	Commerce	https://youtu.be/h2_SgZIWjjg
22.	21.07.2020	**A. G. Meera,** B.Voc, Apparel & Fashion Design, Department of Fashion Technology & Costume Design, Jamal Mohamed College, Tiruchirappalli District.	Fashion Technology & Costume Design	https://youtu.be/pNTCDebZK8k

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TIRUCHIRAPPALLI – 620 020

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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a Lecture

on

Applications of SageMath Software

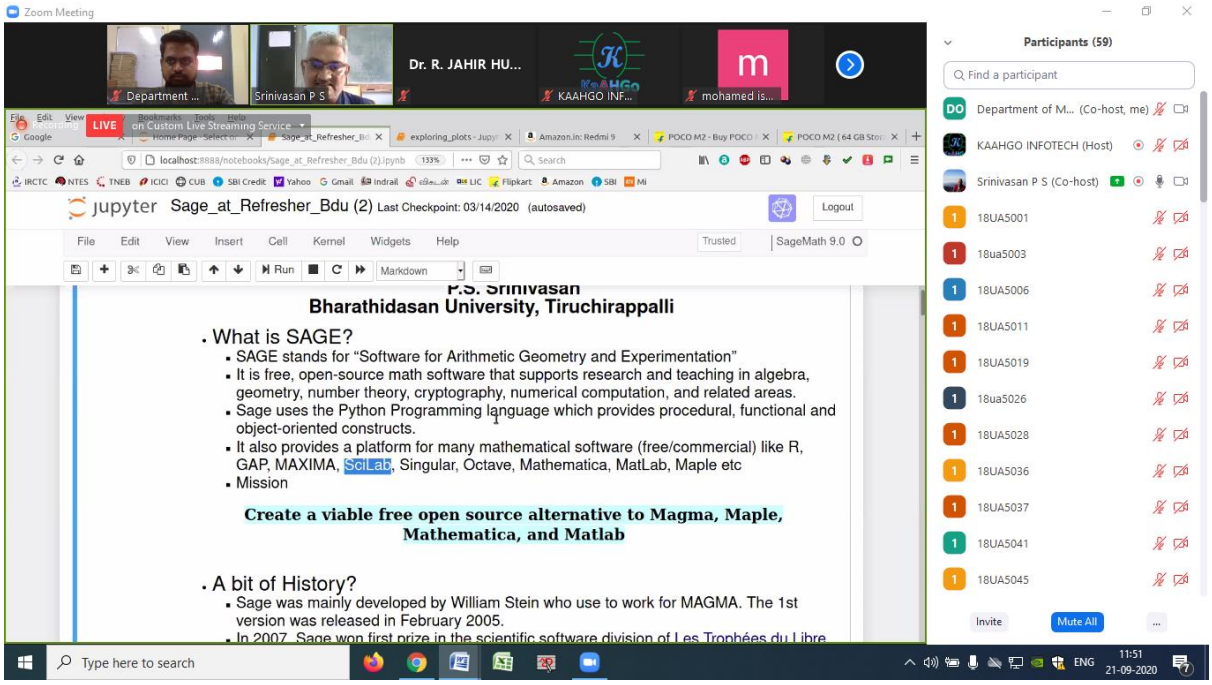
(Under the aegis of DBT Star College Scheme)

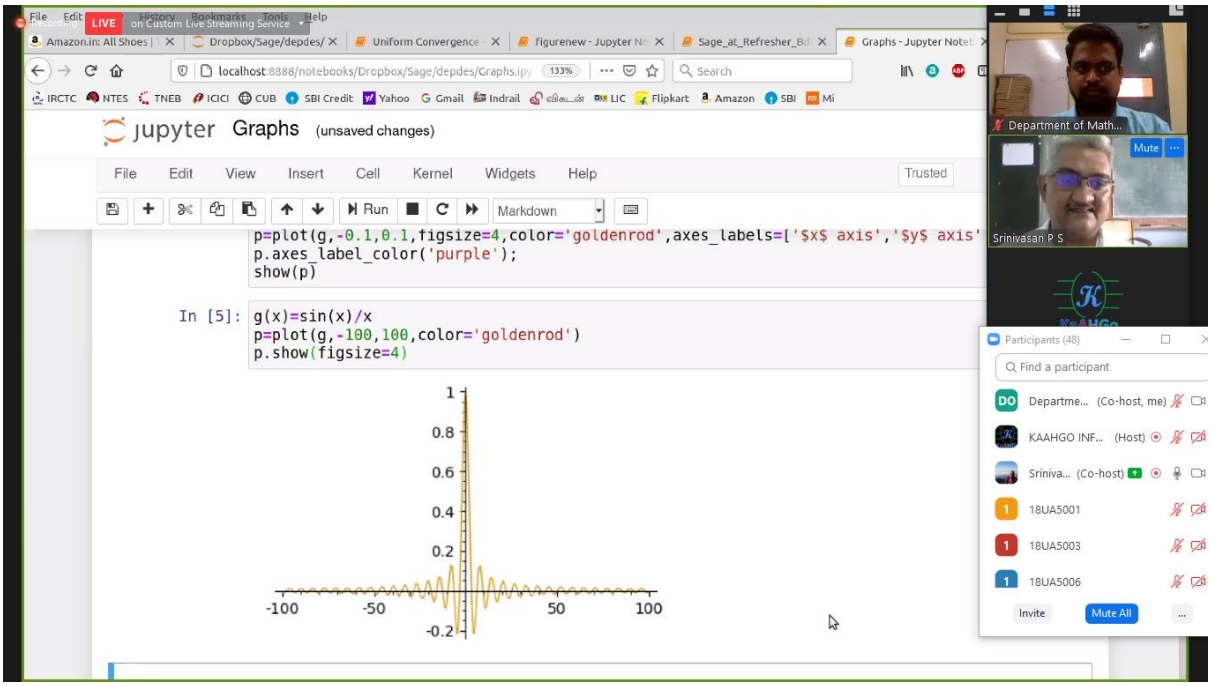
at 11.30 a.m. on 21st & 22nd September 2020 via Microsoft Teams

Target Audience : JMC Students from Mathematics discipline

Special Address : Dr. P. S. Srinivasan
Associate Professor
Department of Mathematics
Bharathidasan University
Tiruchirappalli - 620 024

Under the Aegis of DBT Star College Scheme, Department of Mathematics Organized a Lecture Programme on Applications of SageMath Software at 11.30 a.m. on 21st & 22nd September 2020 via Microsoft Teams. 50 students of III UG class are benefitted from this Programme. Dr. P. S. Srinivasan, Associate Professor, Department of Mathematics, Bharathidasan University, Tiruchirappalli was the Resource Person and enlightened the audience. The lecture was uploaded in our Department You Tube Channel (Link: https://youtu.be/AXXWGj2apik and https://youtu.be/av9FL2KFKYc)





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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

invites you all to attend a Lecture Programme

on

Applications of Matrices

An outreach activity for School Teachers

(Under the aegis of DBT Star College Scheme)

at 11.00 a.m. on 03.10.2020 via Zoom Meet

Target Audience: Teachers of Mathematics handling +1 & +2 Classes

Special Address

Dr K.THIRUMURUGAN
PGT- Mathematics
Govt. Higher Secondary School
Valuthavur, Villupuram (Dt)

Zoom ID: 853 7857 4875

Pass Code: 907201

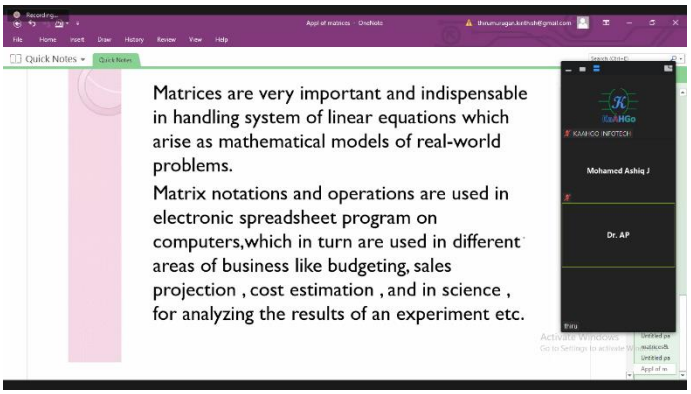
Note: All are requested to join the meeting at 10.45 a.m.

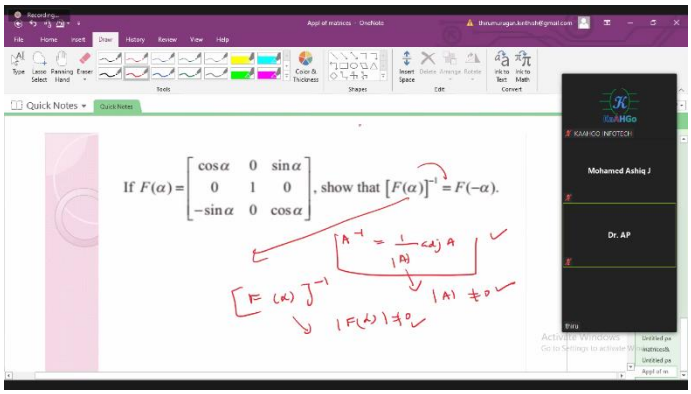
All are invited

For further clarification, please feel free to contact

7845729890 / 8668112707/ 8438123172/ 9976162422

An outreach programme under the patronage of DBT Star College scheme was organized Lecture Programme for the Teachers of Mathematics handling +1 & +2 Classes on Application of Matrices by PG and Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli on 3rd October 2020. Dr. K.THIRUMURUGAN, PGT- Mathematics, Govt. Higher Secondary School, Valuthavur, Villupuram (Dt) was the Resource Person and enlightened the audience. The lecture was uploaded in our Department You Tube Channel (Link: https://youtu.be/Os6ts4lQnRs). 150 teachers benefitted out of this online programme.





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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a Lecture

on

Application of Mathematics in Digital Era

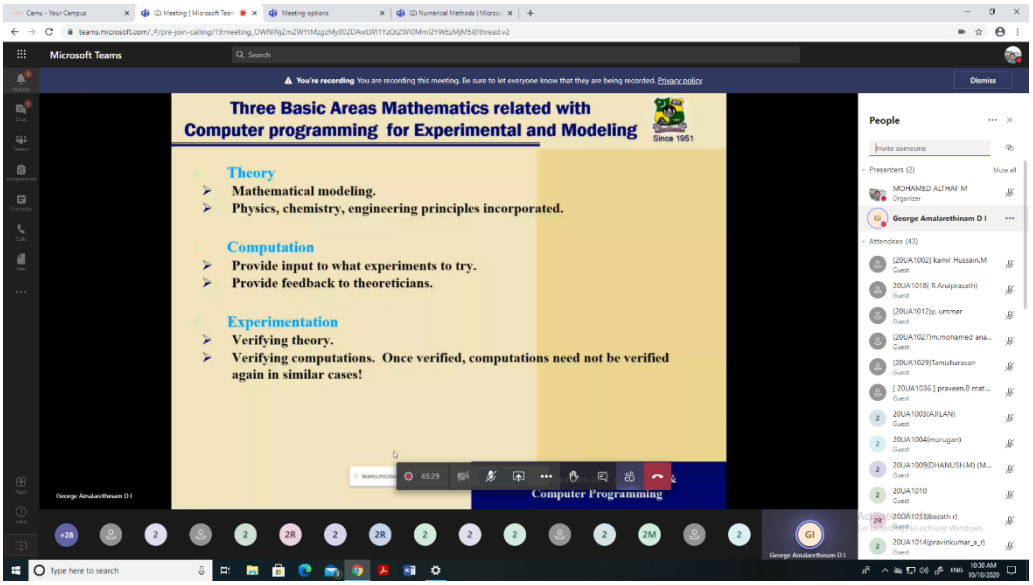
(Under the aegis of DBT Star College Scheme)

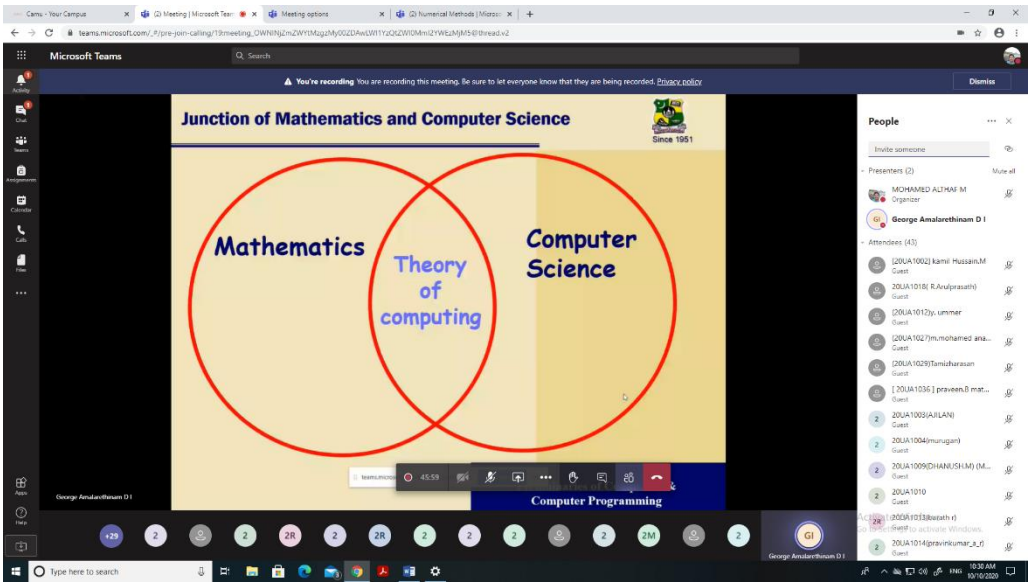
at 9.50 a.m. on 10th October 2020 via Microsoft Teams

Target Audience : Students of I B.Sc., Mathematics from JMC

Special Address : Dr. D.I. George Amalarethinam
Associate Professor & Director (MCA)
Department of Computer Science
Jamal Mohamed College (Autonomous)
Tiruchirappalli - 620 020

Under the aegis of DBT Star College Scheme a Lecture on Application of Mathematics in Digital Era was organized by PG and Research Department of Mathematics for the benefit of first year Under Graduate students of Mathematics on 10.10. 2020. Dr. D.I. George Amalarethinam, Associate Professor & Director (MCA), Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli acted as the resource person and delivered the special lecture. 46 students benefitted out of this online programme.





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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a Lecture

on

Use of Mathematics in detecting diseases

(Under the aegis of DBT Star College Scheme)

at 9.50 a.m. on 18.11.2020 via Microsoft Teams

Target Audience : JMC Students from Mathematics discipline

Special Address : Dr. M.G. Fajlul Kareem
Assistant Professor
University of Technology and Applied Sciences
AlMusanna
Oman

Under the aegis of DBT Star College Scheme a Lecture on **Use of Mathematics in detecting diseases** was organized by PG and Research Department of Mathematics for the benefit of Under Graduate students of Mathematics on 18.11.2020. Assistant Professor, University of Technology and Applied Sciences, Oman acted as the resource person and delivered the special lecture. 110 students benefitted out of this online programme.

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

MATHEMATICS ASSOCIATION
&
Dr. A.P.J. ABDUL KALAM CLUB
(Affiliated to Vigyan Prasar Network of Science Clubs)
Club ID: VP-TN0056

CELEBRATION OF
NATIONAL MATHEMATICS DAY

22nd December 2020

(Under the aegis of DBT Star College Scheme)

Event : Online Aptitude Test

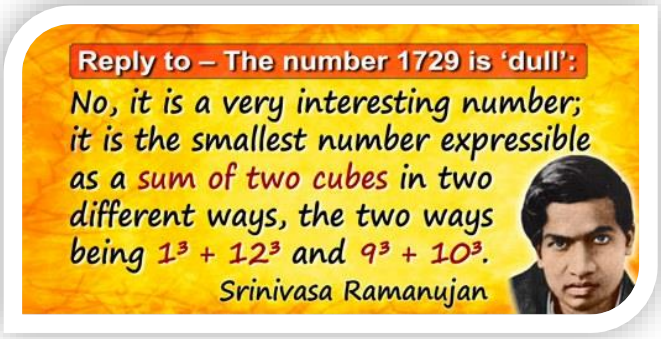
Date : 22.12.2020

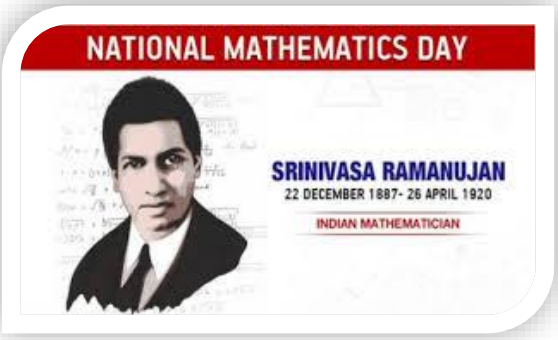
Time : 10 a.m. to 10.30 a.m.

Target Audience : Students from Mathematics discipline

Link for Test : https://forms.gle/3AagCdF5yBbAJCVd6

E-Certificates will be provided for those securing 50% and above.





To mark the great Mathematician, Srinivasa Ramnujam's Birthday, National Mathematics Day was observed and celebrated at Department of Mathematics on 22.12.2020.

The Department of Mathematics, Jamal Mohamed College, Tiruchirappalli conducted an online Aptitute Test under DBT Star College Scheme on 22.12.2020. 293 people took the online test E-Certificates were awarded to 166 candidates who have secured 50% and above in the online test.

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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a Training Programme on

on

Basic Concepts in Real Analysis

(Under the aegis of DBT Star College Scheme)

on 6th & 7th January 2021

Target Audience: JMC III UG Students from Mathematics discipline

Venue: Room No.LH-18

Programme Schedule

Date	Forenoon 9.45 a.m. to 1.00 p.m.	Afternoon 2.00 p.m. -5.15 p.m.
06.01.2021	Dr. P. S. Srinivasan Associate Professor Department of Mathematics Bharathidasan University Tiruchirappalli	Mr.S.Masoothu Associate Professor Department of Mathematics Jamal Mohamed College Tiruchirappalli
Topic	Construction of R	Continuity
07.01.2021	Dr. P. S. Srinivasan Associate Professor Department of Mathematics Bharathidasan University Tiruchirappalli	Dr. D. Dhamodharan Assistant Professor Department of Mathematics Jamal Mohamed College Tiruchirappalli
Topic	LUB Axioms	Sequence & Series

Under the aegis of DBT Star College Scheme a Summer Training Programme on Basic Concepts in Real Analysis was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students of Mathematics on 6th & 7th January 2021.42 students benefitted out of this offline programme.

06.01.2021

07.01.2021

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SHOT ON POCO M2 PRO

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welcomes you all to attend a Training Programme on

on

Algebra and its applications

(Under the aegis of DBT Star College Scheme)

on 8th & 9th January 2021

Target Audience: JMC III UG Students from Mathematics discipline

Venue: Room No. LH-18

Programme Schedule

Date	Forenoon 9.45 a.m. to 1.00 p.m.	Afternoon 2.00 p.m. -5.15 p.m.
08.01.2021	Dr. C. Durairajan Associate Professor Department of Mathematics Bharathidasan University Tiruchirappalli	Mr.N.Mohamed Thoiyab Assistant Professor Department of Mathematics Jamal Mohamed College Tiruchirappalli
Topic	Group Theory	Ring Theory
09.01.2021	Dr. C. Durairajan Associate Professor Department of Mathematics Bharathidasan University Tiruchirappalli	Dr. M.Mohamed Althaf Assistant Professor Department of Mathematics Jamal Mohamed College Tiruchirappalli
Topic	Vector Space	Linear Tranformation

Under the aegis of DBT Star College Scheme a Summer Training Programme on Algebra and its Applications was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students of Mathematics on on 8th & 9th January 2021. 45 students benefitted out of this offline programme.

8th & 9th January 2021

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Hands on Training Programme

on

Maple Software

(Under the aegis of DBT Star College Scheme)

at 9.45 a.m. on 11.01.2021

Target Audience: JMC III UG Students from Mathematics discipline

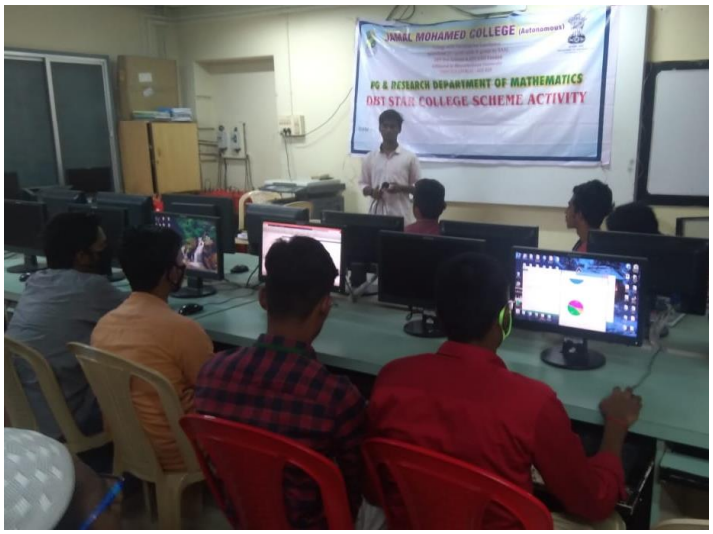
Venue: Department Lab

Resource Persons:

1. Mr. Mohamed Aslam Ameer Hamja
Data Science Enthusiast
Mindzcube
Bangalore

2. Dr.S.Mohamed Yusuff Ansari
Assistant Professor of Mathematics
Jamal Mohamed College
Tiruchirappalli

Under the aegis of DBT Star College Scheme Hands on Training Programme on Maple Software was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students of Mathematics on 11th January 2021. 42 students benefitted out of this offline programme.



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PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Hands on Training Programme

on

Mathematica Software

(Under the aegis of DBT Star College Scheme)

at 9.45 a.m. on 12.01.2021

Target Audience: JMC III UG Students from Mathematics discipline

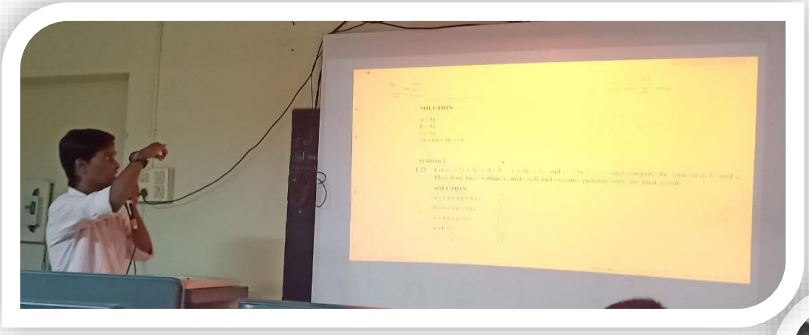
Venue: Department Lab

Resource Person:

1. Mr. Mohamed Aslam Ameer Hamja
Data Science Enthusiast
Mindzcube
Bangalore

2. Dr.A.Mohamed Ismayil
Associate Professor of Mathematics
Jamal Mohamed College
Tiruchirappalli

Under the aegis of DBT Star College Scheme Hands on Training Programme on Mathematica Software was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students of Mathematics on 12th January 2021. 33 students benefitted out of this offline programme.



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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Workshop

on

Basic Mathematics

(Under the aegis of DBT Star College Scheme)

From 02.02.2021 to 11.02.2021

Target Audience: JMC III UG Students from Botany and Zoology discipline

Venue: LH 13

Resource Person: Dr.A.Prasanna
Assistant Professor of Mathematics
Jamal Mohamed College
Tiruchirappalli

Number of students benefitted: 23

Since 1951

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

THREE DAYS FACULTY DEVELOPMENT PROGRAMME ON ALEGBRA AND ANALYSIS

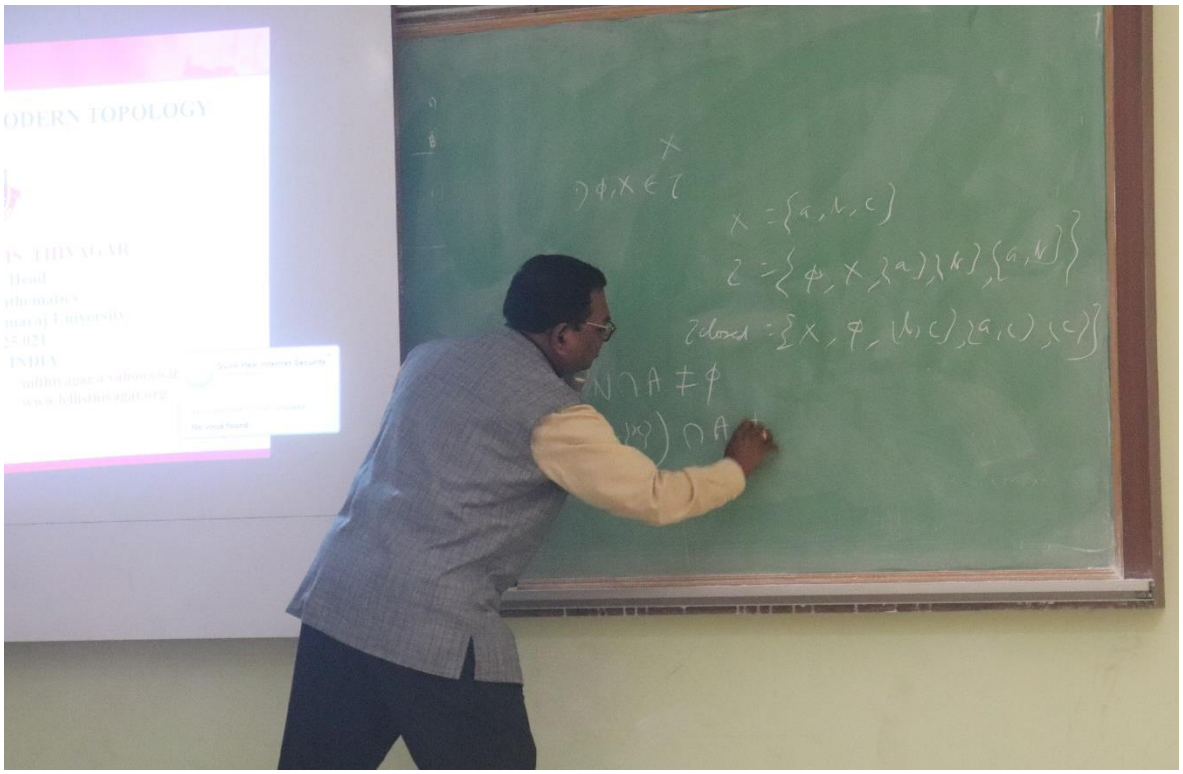
(Under DBT Star College Scheme)

09.02.2021 to 11.02.2021

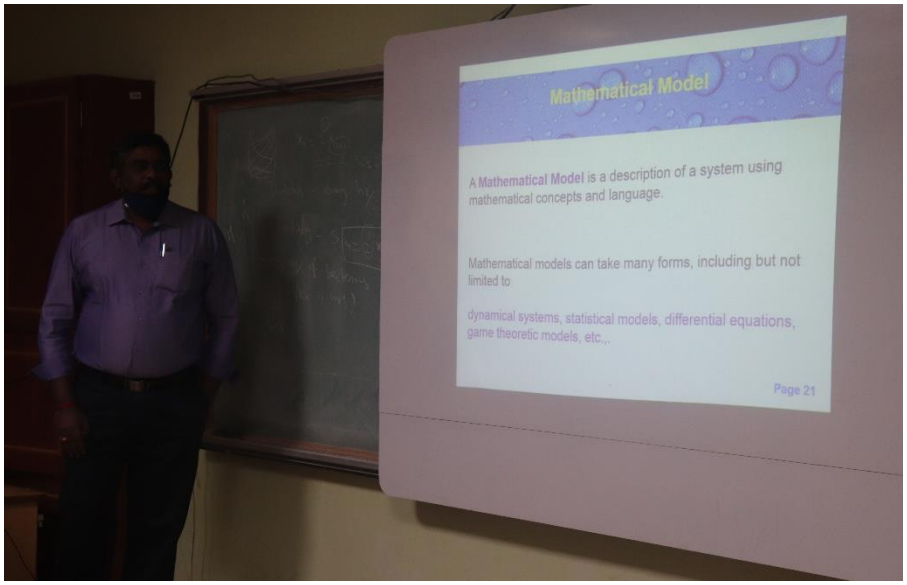
Date & Time	Forenoon	Afternoon
	09.30 a.m. – 11.00 a.m. 11.15 a.m. -12.45 p.m.	02.00 p.m. – 03.30 p.m. 03.45 p.m. -05.15 p.m.
09.02.2021	Dr. M. Lellis Thivagar Professor & Head School of Mathematics Madurai Kamaraj University Madurai	Dr.N.Anbazhagan Professor & Head Department of Mathematics Alagappa University Karaikudi
Topic	Topology and its applications	Markov chains and its applications
10.02.2021	Dr. M. Lellis Thivagar Professor & Head School of Mathematics Madurai Kamaraj University Madurai	Dr. T. Tamizh Chelvam CSIR Emeritus Scientist Professor of Mathematics Manonmaniam Sundaranar University Tirunelveli
Topic	Topology and its applications	Algebra and its applications
11.02.2021	Dr.N.Anbazhagan Professor & Head Department of Mathematics Alagappa University Karaikudi	Dr. T. Tamizh Chelvam CSIR Emeritus Scientist Department of Mathematics Manonmaniam Sundaranar University Tirunelveli
Topic	Markov chains and its applications	Algebra and its applications

Number of staff benefitted: 39

Dr. M. Lellis Thivagar delivered a lecture



Dr.N.Anbazhagan address the gathering



Dr. T. Tamizh Chelvam, CSIR Emeritus Scientist delivered the lecture

Report of the Activities under the DBT Star College Scheme (March 2020 – February 2021)

presented at the

Department Meeting with Mentor

Dr.N.Rajeswari

Associate Professor of Mathematics

Sri GVG Visalakshi College for Women

Udumalpet

Presented by

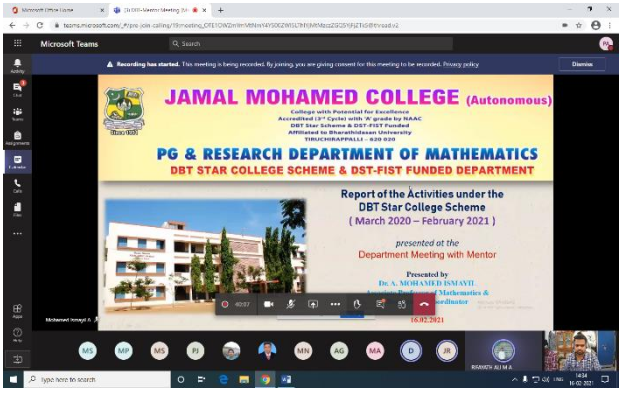
Dr. A. MOHAMED ISMAYIL

Associate Professor of Mathematics &

Department Coordinator

16.02.2021

By Online Mode


Microsoft Teams
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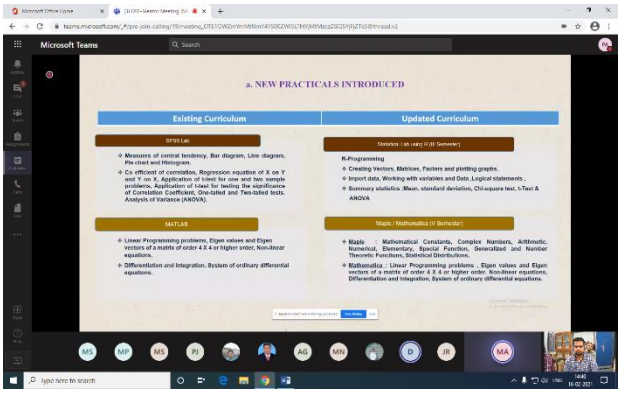
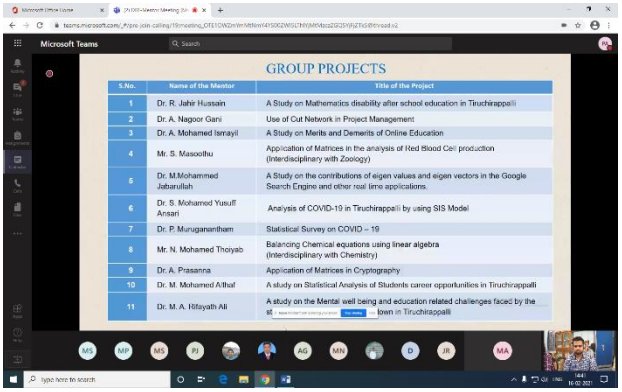
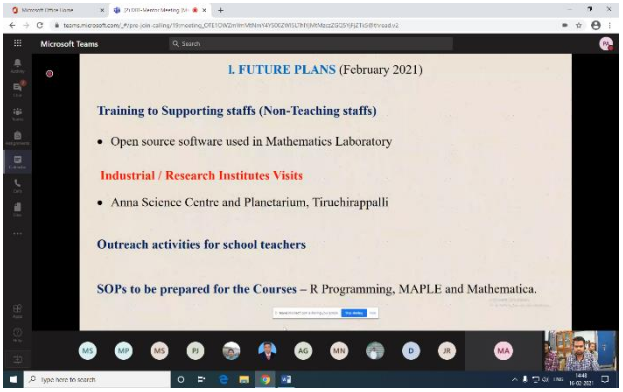
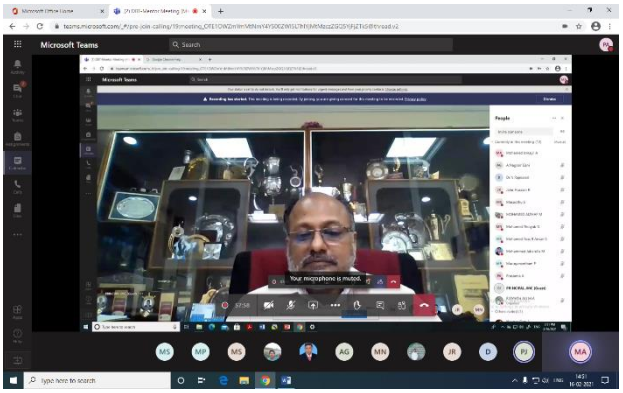
Affiliated to Bharathidasan University
TIRUCHIRAPPALLI - 620 020
PG & RESEARCH DEPARTMENT OF MATHEMATICS
DBT STAR COLLEGE SCHEME & DST-FIST FUNDED DEPARTMENT
Report of the Activities under the
DBT Star College Scheme
(March 2020 – February 2021)
presented at the
Department Meeting with Mentor
Presented by
Dr. A. MOHAMED ISMAYIL
16.02.2021


Microsoft Teams
a. NEW PRACTICALS INTRODUCED
Existing Curriculum
Updated Curriculum
SPSS Lab
Measures of central tendency, Bar diagram, Line diagram, Pie chart and Histogram.
Co efficient of correlation, Regression equation of X on Y and Y on X. Application of t-test for one and two sample problems, Application of t-test for testing the significance of Correlation Coefficient, One-tailed and Two-tailed tests. Analysis of Variance (ANOVA).
MATLAB
Linear Programming problems, Eigen values and Eigen vectors of a matrix of order 4 X 4 or higher order, Non-linear equations.
Differentiation and Integration, System of ordinary differential equations.
R-Programming
Creating Vectors, Matrices, Factors and plotting graphs.
Import data, Working with variables and Data ,Logical statements ,
Summary statistics (Mean, standard deviation, Chi-square test, t-Test & ANOVA
Maple / Mathematica (V Semester)
Maple : Mathematical Constants, Complex Numbers, Arithmetic, Numerical, Elementary, Special Function, Generalized and Number Theoretic Functions, Statistical Distributions.
Mathematica : Linear Programming problems , Eigen values and Eigen vectors of a matrix of order 4 X 4 or higher order. Non-linear equations. Differentiation and Integration, System of ordinary differential equations.


Microsoft Teams
GROUP PROJECTS
S.No. | Name of the Mentor | Title of the Project
1 | Dr. R. Jahir Hussain | A Study on Mathematics disability after school education in Tiruchirappalli
2 | Dr. A. Nagoor Gani | Use of Cut Network in Project Management
3 | Dr. A. Mohamed Ismayil | A Study on Merits and Demerits of Online Education
4 | Mr. S. Masoothu | Application of Matrices in the analysis of Red Blood Cell production (Interdisciplinary with Zoology)
5 | Dr. M.Mohammed Jabarullah | A Study on the contributions of eigen values and eigen vectors in the Google Search Engine and other real time applications.
6 | Dr. S. Mohamed Yusuff Ansari | Analysis of COVID-19 in Tiruchirappalli by using SIS Model
7 | Dr. P. Muruganantham | Statistical Survey on COVID – 19
8 | Mr. N. Mohamed Thoiyab | Balancing Chemical equations using linear algebra (Interdisciplinary with Chemistry)
9 | Dr. A. Prasanna | Application of Matrices in Cryptography
10 | Dr. M. Mohamed Althaf | A study on Statistical Analysis of Students career opportunities in Tiruchirappalli
11 | Dr. M. A. Rifayath Ali | A study on the Mental well being and education related challenges faced by the [illegible] town in Tiruchirappalli


Microsoft Teams
I. FUTURE PLANS (February 2021)
Training to Supporting staffs (Non-Teaching staffs)
Open source software used in Mathematics Laboratory
Industrial / Research Institutes Visits
Anna Science Centre and Planetarium, Tiruchirappalli
Outreach activities for school teachers
SOPs to be prepared for the Courses – R Programming, MAPLE and Mathematica.


Microsoft Teams
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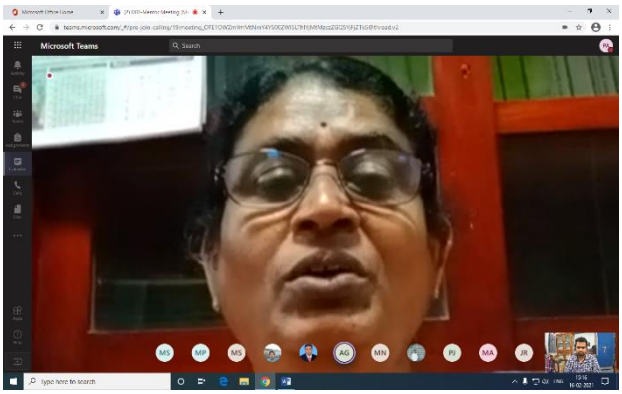
Microsoft Teams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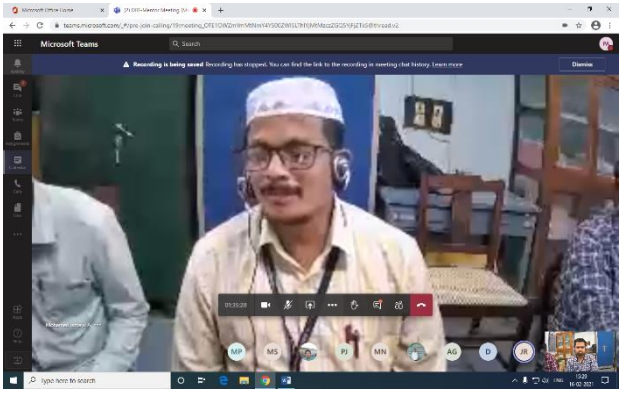
Microsoft Teams
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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

SINCE 1951

College with Potential for Excellence
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DBT Star College Scheme & DST-FIST Funded
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TIRUCHIRAPPALLI – 620 020

सत्यमेव जयते
Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Hands on Training

on

SPSS

(Under the aegis of DBT Star College Scheme)

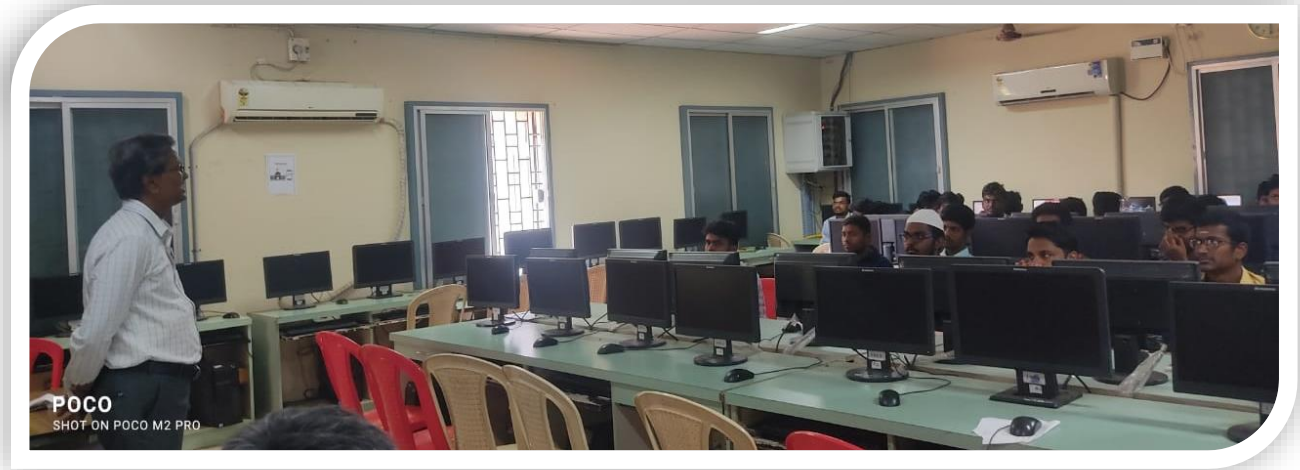
On 17.02.2021 & 18.02.2021

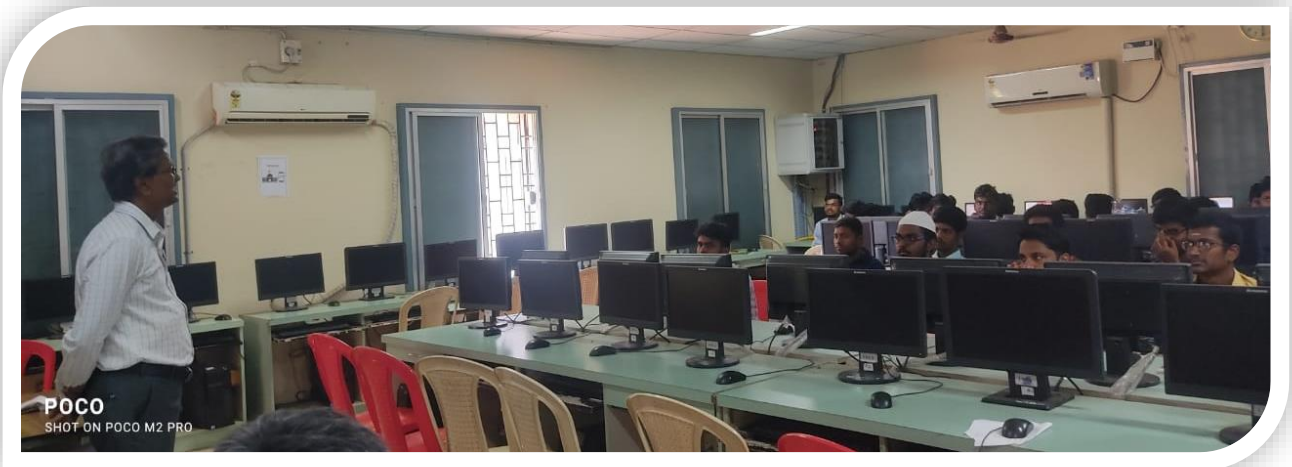
Target Audience: III B.Sc. Mathematics

Venue: Computer Lab

Resource Person: Dr.M.Balasubramanian
Assistant Professor of Statistics
Periyar EVR College
Tiruchirappalli

Under the aegis of DBT Star College Scheme Hands on Training Programme on SPSS was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students of Mathematics on 17th & 18th February 2021. 44 students benefitted out of this offline programme.





தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம், தமிழ்நாடு அரசு, சென்னை
நிதி நல்கையுடன்

ஜமால் முகமது கல்லூரி (தன்னாட்சி), திருச்சிராப்பள்ளி

கணிதத்துறை

(Under DBT Star College Scheme)

மற்றும்

தமிழ்நாடு அறிவியல் இயக்கம்

ஐன்ஸ்டீன் கல்லூரி மாணவர்கள் கிளை, திருச்சிராப்பள்ளி

இணைந்து நடத்தும்

பிப்.28 தேசிய அறிவியல் தினத்தை முன்னிட்டு

மாநில அளவிலான பள்ளி மாணவர்களுக்கான வினாடி வினாப் போட்டி

நாள்	:	25.02.2020, வியாழக்கிழமை
நேரம்	:	காலை 9.00 மணி முதல் 1.00 மணி வரை
இடம்	:	கணிதத்துறை - ஜமால் முகமது கல்லூரி, திருச்சி - 20.

போட்டி விதிமுறைகள் :

- ✓ 11, 12 பயிலும் மாணவ, மாண வியர்கள் மட்டுமே பங்கேற்க வேண்டும்.
- ✓ ஒரு குழு - 11ம் வகுப்பில் ஒருவர், 12ம் வகுப்பில் ஒருவர் (or) 11ம் வகுப்பில் (or) 12ம் வகுப்பில் என 2 மாணவர்கள் மட்டுமே பங்கேற்க வேண்டும்.
- ✓ ஒரு பள்ளியில் இருந்து இரண்டு குழுக்கள் பங்கேற்கலாம்.
- ✓ குழுவுடன் பொறுப்பு ஆசிரியர் அனுப்பி வைக்கலாம். ஆசிரியருக்கோ, மாணவர்களுக்கோ பயணப்படி ஏதும் வழங்கப்படமாட்டாது. முகக்கவசம் கண்டிப்பாக அணிந்து வர வேண்டும்.
- ✓ பங்குபெறும் அனைவருக்கும் சான்றிதழ், தேநீர் மற்றும் சிற்றுண்டி வழங்கப்படும்.
- ✓ இப்போட்டியில், முதல் மூன்று இடங்களில் வெற்றி பெறும் மாணவர்களுக்கு பரிசுகளும், சான்றிதழ்களும் வழங்கப்படும்.
- ✓ நடுவரின் தீர்ப்பே இறுதியானது
- ✓ கல்வித்துறை (2020 - 21) - ஆண்டின் அடிப்படையில் அறிவியல் பாடத்தில் உயிரியல், வேதியியல், இயற்பியல் பிரிவுகளிலிருந்தும், கணிதம் பிரிவுகளிலிருந்தும் மற்றும் அன்றாட வாழ்வில் அறிவியல் வினாக்கள் இடம் பெறும்.
- ✓ பதிவு கடைசி தேதி : 22.02.2021, பதிவுக்கட்டணம் கிடையாது

மேலும் (பதிவு)தொடர்புக்கு... 9787866135, 6381942632, 9976162422, 7845729890

Since 1951

TNSCST

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TNSF
Tamil Nadu Science Forum

தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்

தமிழ்நாடு அரசு, சென்னை - 600 025.

தேசிய அறிவியல் மற்றும் தொழில்நுட்ப தொடர்பு மன்றம், புது தில்லி

நிதி நல்கையுடன்

ஜமால் முகமது கல்லூரி (தன்னாட்சி), திருச்சிராப்பள்ளி

கணிதத்துறை (Under DBT Star College Scheme) &

தமிழ்நாடு அறிவியல் இயக்கம் – ஜன்ஸ்டீன் கல்லூரி மாணவர்கள் கிளை, திருச்சிராப்பள்ளி

இணைந்து நடத்தும்

பிப்ரவரி 28 தேசிய அறிவியல் தினத்தை முன்னிட்டு

மாநில அளவில் பள்ளி மாணவர்களுக்கான

வினாடி வினாப் போட்டி

நாள் : 25.02.2021

இடம் : N.M.காஜாமியான் குளிர்மை அரங்கம்

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Department of Biotechnology Govt. of India

TNSF
Tamil Nadu Science Forum

jkpo;ehL mwptpay; njhopy;El;g khepy kd;wk;
jkpo;ehL muR> nrd;id- 600 025

Njrpa mwptpay; kw;Wk; njhopy;El;g njhlh;G kd;wk;> GJ jpy;yp epjpey;ifAld;

[khy; KfkJ fy;Y}up (jd;dhl;rp)> jpUr;rpuhg;gs;sp
கணிதத்துறை
(Under DBT Star College Scheme)

மற்றும்

தமிழ்நாடு அறிவியல் இயக்கம்

ஜன்ஸ்டீன் கல்லூரி மாணவர்கள் கிளை, திருச்சிராப்பள்ளி

இணைந்துநடத்தும்

பிப்.28 தேசிய அறிவியல் தினத்தை முன்னிட்டு

khepy அளவிலான பள்ளி மாணவர்களுக்கான வினாடி வினாப் போட்டி

ehs; : 25.02.2021 Neuk; : gpw;gfy; 12.10 kzp ,lk; : N.M. fh[hkpahd; Fsph;ik muq;fk;

guprspg;G tpoh epfo;r;rp epuy;

,iwtho;j;J	:	
jkpo;j;jha; tho;j;J	:	
tuNtw;Giu	:	Kidth;. R. [hfPh; cNrd;> Jiwj;jiyth; (ngh)
jiyikAiu	:	Kidth;. S. ,];khapy; KifjPd;> Kjy;tu;
tho;j;Jiu	:	Kidth;. A.K. fh[h e[PKjPd;> nrayh; kw;Wk; jhshsh;
		`h[p. M.J. [khy; KfkJ> nghUshsh;
		Kidth;. K. mg;J]; rkJ> cjtpr; nrayh;
		jpU. M. mNrhf;> khtl;lj; jiyth;> jkpo;ehL mwptpay; ,af;fk;
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rpwg;Giu	:	jpU. Nfh.ghujp tpNtfhde;jd; khtl;l fy;tp mYtyu;> jpUr;rp
ghuhl;Liu	:	jpUkpF. R. n[anyr;Rkp tl;lhuf; fy;tp mYtyu;> jpUr;rp khefuk;
ghprspg;G	:	
ed;wpAiu	:	jpU. M. kzpfz;ld; khtl;lr; nrayhsh;> jkpo;ehL mwptpay; ,af;fk;
ehl;Lg;gz;	:	

Preliminary Test at LH 16 and LH 18

Department of Mathematics Lab Visit by Students

Department of Botany Lab Visit by Students

Department of Physics Lab Visit by Students

Department of Chemistry Lab Visit by Students

Department of Computer Science Lab Visit by Students

Final Quiz Competition held at N.M.Khajamian Auditorium
Conducted by Mr. B.Praveen, I B.Sc. Mathematics

A snapshot of active participation

A section of Audience

Presidential Address by the College Principal

College Secretary and Correspondent felicitate the gathering

Address by Ms. R.Jayalakshmi, BDO, Trichy

Address by Mr. M.Ashok, District President TNSF, Trichy

Dignitaries honored

III Prize (Cash Award Rs.500/-) received by Mr. M.Kamalesh and C.K.Veerabathiran, National College Hr.Sec. School, Trichy

II Prize (Cash Award Rs.1000/-) received by Mr. C.Jacob Immanuvel and Mr. Rohit, SBIOA CBSE School, Trichy

I Prize (Cash Award Rs.1500/-) received by J. Keerthana and S. Chelsiya Suganthi, Govt. Syed Murthusa Hr.Sec. School, Trichy

Participants received certificates

Vote of Thanks by Mr.M.Manikandan

மாநில அளவில் பள்ளி மாணவர்களுக்கான வினாடி வினா போட்டி – அறிக்கை

25.02.2021 அன்று தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம், தமிழ்நாடு அரசு - சென்னை மற்றும் தேசிய அறிவியல் தொழில்நுட்ப தொடர்பு மன்றம், புது தில்லி ஆகியவற்றின் நிதி நல்கையுடன் ஜமால் முகமது கல்லூரி (தன்னாட்சி) கணிதத்துறையும், தமிழ்நாடு அறிவியல் இயக்கம் ஐன்ஸ்டீன் கல்லூரி மாணவர்கள் கிளையும் இணைந்து பிப்ரவரி 28 தேசிய அறிவியல் தினத்தை முன்னிட்டு மாநில அளவில் பள்ளி மாணவர்களுக்கான வினாடி வினா போட்டி 25.02.2021 md;W நடத்தப்பட்டது.

காலை 8.30 மணி முதல் 9.30 மணி வரை பதிவு நடைபெற்றது. இந்நிகழ்வை இளநிலை முதலாம் ஆண்டு மாணவர்களான திரு.அஸ்ரார் அஹமத் மற்றும் திரு.தியானேஷ்வர் ஆகியோர் ஒருங்கிணைத்தனர்.

காலை 9.30 மணி முதல் 10.00 மணி வரை எழுத்து தேர்வு நடத்தப்பட்டது. இந்நிகழ்வை கணிதத்துறை ஆய்வு மாணவர்களான திரு.மனோஜ், திரு.முஜீப்புரஹ்மான், திருமிகு.jPg => jpUkpF. gphpah ஆகியோர் ஒருங்கிணைத்தனர்.

பின்பு காலை 10.00 மணி 11.00 மணி வரை நிகழ்ச்சிக்கு வந்திருந்த மாணவர்களை கல்லூரி அறிவியல் ஆய்வகங்களுக்கு (கணிதவியல், தாவரவியல், இயற்பியல், வேதியியல், கணினி அறிவியல்) அழைத்துச் சென்று காண்பிக்கப்பட்டது. ஒவ்வொரு ஆய்வகங்களிலும் அந்தந்த துறை சார்ந்த பேராசிரியர்கள் ஆய்வகங்களில் உள்ள மாதிரிகள் மற்றும் முக்கியத்துவம் ஆகியவற்றை விளக்கி பேசினார்கள். இந்நிகழ்வை கணிதத்துறையின் இணைப் பேராசிரியர் முனைவர்.A.முகமது இஸ்மாயில் அவர்களும், தமிழ்நாடு அறிவியல் இயக்கம் மாவட்டச் செயலாளர் திரு.M.மணிகண்டன் அவர்களும் ஒருங்கிணைத்தனர்.

எழுத்து தேர்வு முடிவுகள் அறிவிக்கப்பட்டு காலை 11.30 மணி பிற்பகல் 12.20 மணி வரை வினாடி வினா (Stage Event) நடத்தப்பட்டது. இந்நிகழ்ச்சியை கணிதத்துறை முதலாம் ஆண்டு மாணவரும், கிளையின் இணைச் செயலாளரும் ஆன திரு.பிரவீன் அவர்கள் ஒருங்கிணைத்தார். இந்நிகழ்விற்கு மதிப்பீட்டாளராக கணிதத்துறையின் உதவிப் பேராசிரியர்களான முனைவர்.A.பிரசன்னா, முனைவர்.M.A.ரிபாயத் அலி மற்றும் ஆய்வு மாணவரான திரு.K.மகேஸ்வரன் ஆகியோர் செயல்பட்டனர்.

பிற்பகல் 12.30 மணிக்கு கல்லூரியின் முதல்வர் முனைவர்.S.இஸ்மாயில் முகைதீன் அவர்கள் தலைமையில் பரிசளிப்பு விழா நடைபெற்றது.

கணிதத்துறையின் பொறுப்பு தலைவர் முனைவர்.R.ஜாகீர் உசேன் அவர்கள் வரவேற்புரை ஆற்றினார்.

கல்லூரியின் செயலாளர் மற்றும் தாளாளர் முனைவர்.A.K.காஜா நஜீமுதீன் அவர்களும், கல்லூரின் உதவிச் செயலாளர் முனைவர்.K.அப்துஸ் சமது அவர்களும், தமிழ்நாடு அறிவியல் இயக்கம் மாவட்டத் தலைவர் திரு.M.அசோக் அவர்களும் மாணவர்களை வாழ்த்தி பேசினார்கள்.

வட்டாரக் கல்வி அலுவலர் திருமிகு.R.ஜெயலெச்சுமி அவர்கள் இந்நிகழ்ச்சியில் கலந்து கொண்டு அனைத்து பள்ளிகளுக்கும், மாணவர்களுக்கும் பரிசளித்து பாராட்டுரை வழங்கினார்.

முதல் இடம் - அரசு சையது முர்துஷா மேல்நிலைப் பள்ளி, திருச்சி

இரண்டாம் இடம் - எஸ்.பீ.ஐ.ஓ.ஏ சீ.பீ.எஸ்.இ பள்ளி, திருச்சி

மூன்றாம் இடம் - தேசிய கல்லூரி மேல்நிலைப் பள்ளி, திருச்சி

இந்நிகழ்ச்சியில் 30-க்கும் மேற்பட்ட பள்ளிகளிலிருந்து 60-க்கும் மேற்பட்ட மாணவர்களும், 14 ஆசிரியர்களும் (அரசு பள்ளி, அரசு உதவி பெறும் பள்ளி, மெட்ரிக் பள்ளி, சீபீஎஸ்இ பள்ளி) 20-க்கும் மேற்பட்ட பெற்றோர்களும், துறைப் பேராசிரியர்களும், தமிழ்நாடு அறிவியல் இயக்கம் மாவட்ட, கிளை பொறுப்பாளர்களும் ஆகியோர் கலந்து கொண்டனர்.

நிறைவாக தமிழ்நாடு அறிவியல் இயக்கம் மாவட்டச் செயலாளர் திரு.M.மணிகண்டன் அவர்கள் நன்றியுரை வழங்கினார்.

*****

SINCE 1951

JAMAL MOHAMED COLLEGE (Autonomous)
College with Potential for Excellence
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DBT Star College Scheme & DST-FIST Funded
(Affiliated to Bharathidasan University)
TIRUCHIRAPPALLI – 620 020.

सत्यमेव जयते
Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Student Enrichment Programme

A Lecture on Application of Operations Research in the real life situations

(Under DBT Star College Scheme)

Resource Person

Dr.Vikas Saxena
Associate Professor (Statistics & Operations Research)
Department of Food Business Management and Entrepreneurship Development
National Institute of Food Technology Entrepreneurship and Management
(Under MoFPI, GoI)
Haryana

Date: 10-03-2021 Time: 11 a.m.

Target Audience: I & II B.Sc. Mathematics Students

Delivery Platform: Microsoft Teams

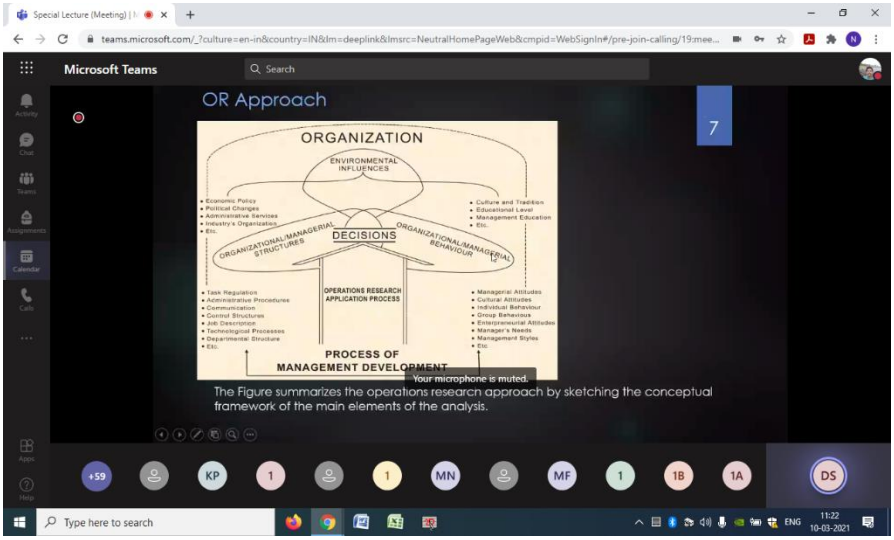
Note: Participants are expected to join the meeting exactly at 11.00 a.m.

ALL ARE INVITED

Number of students benefitted: 95

I B.Sc. Mathematics Offline Mode: 35

II B.Sc. Mathematics Online Mode: 60


Microsoft Teams
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OR Approach
7
ORGANIZATION
ENVIRONMENTAL INFLUENCES
DECISIONS
ORGANIZATIONAL/MANAGERIAL STRUCTURES
ORGANIZATIONAL/MANAGERIAL BEHAVIOUR
OPERATIONS RESEARCH APPLICATION PROCESS
PROCESS OF MANAGEMENT DEVELOPMENT
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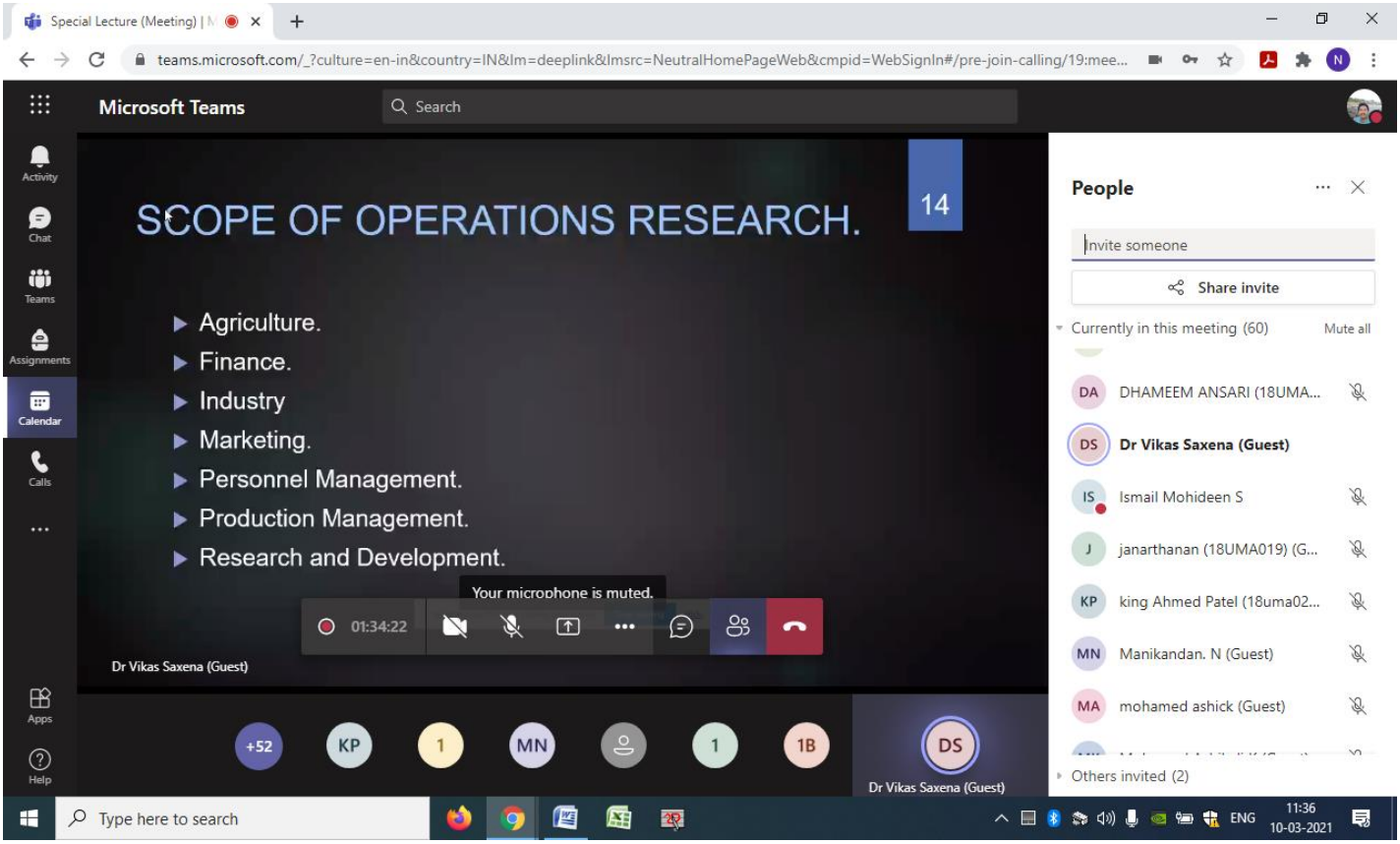
The Figure summarizes the operations research approach by sketching the conceptual framework of the main elements of the analysis.


Special Lecture (Meeting)
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Microsoft Teams
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14
SCOPE OF OPERATIONS RESEARCH.
Agriculture.
Finance.
Industry
Marketing.
Personnel Management.
Production Management.
Research and Development.
Your microphone is muted.
01:34:22
Dr Vikas Saxena (Guest)
People
Invite someone
Share invite
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Mute all
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Dr Vikas Saxena (Guest)
Ismail Mohideen S
janarthanan (18UMA019) (G...
king Ahmed Patel (18uma02...
Manikandan. N (Guest)
mohamed ashick (Guest)
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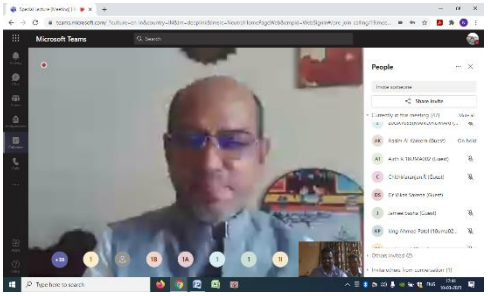
10-03-2021



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TIRUCHIRAPPALLI – 620 020.

Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Student Enrichment Programme

A Lecture on Soft Skills

(Under DBT Star College Scheme)

Resource Person

Mr. G. Aravindan
Head, Department of Social Work
Athma Hospitals
Tiruchirappalli

Date: 12-03-2021 Time: 11 a.m.

Target Audience: I UG Students

Venue: LH 11

ALL ARE INVITED

Under the aegis of DBT Star College Scheme a Lecture on Soft Skills was organized by PG and Research Department of Mathematics for the benefit of students of Mathematics on 12.03.2021. 35 students benefitted out of this offline programme.

Since 1951

Department of Biotechnology Govt. of India

DEPARTMENT OF STATISTICS
BHARATHIAR UNIVERSITY, COIMBATORE -641 046
in association with
PG & RESEARCH DEPARTMENT OF MATHEMATICS
JAMAL MOHAMED COLLEGE (Autonomous), TIRUCHIRAPPALLI – 620 020
Under DBT Star College Scheme

Organizing

Virtual Short Term Training Program on Data Science and Statistical Applications

15.03.2021 to 22.03.2021

Inauguration

Date : *15.03.2021* ***Time:*** *10.30 A.M.*

Platform : *Microsoft Teams*

Welcome Address
Dr. R. Vijayaraghavan
Professor and Head, Department of Statistics, Bharathiar University, CBE

Focus of STTP on DSSA
Dr. S .Gandhiya Vendhan
Organizing Secretary, Assistant Professor, Department of Statistics, Bharathiar University, CBE

Prof. Dr. P. KALIRAJ
Vice Chancellor, Bharathiar University, CBE
has kindly consented to give Presidential and Inaugural Address

Dr. SYED EJAZ AHMED
Dean, Brock University, Canada
has graciously agreed to deliver the special address

Felicitation
Dr. S. Ismail Mohideen
Principal, Jamal Mohamed College, Trichy

Vote of Thanks
Dr. R. Jahir Hussain
Organizing Secretary, Associate Professor, Department of Mathematics, Jamal Mohamed College

DEPARTMENT OF STATISTICS
BHARATHIAR UNIVERSITY, COIMBATORE -641 046

in association with

PG & RESEARCH DEPARTMENT OF MATHEMATICS
JAMAL MOHAMED COLLEGE (Autonomous), TIRUCHIRAPPALLI – 620 020

Under DBT Star College Scheme

Organizing

Virtual Short Term Training Program on Data Science and Statistical Applications

15.03.2021 to 22.03.2021

Valediction

Date : *22. 03.2021* ***Time:*** *12.30 P.M.*

Platform : *Microsoft Teams*

Welcome Address
Dr. R. Vijayaraghavan

Professor and Head, Department of Statistics, Bharathiar University, CBE

Report of STTP on DSSA
Dr. S .Gandhiya Vendhan

Organizing Secretary, Assistant Professor, Department of Statistics, Bharathiar University, CBE

Dr. K. MURUGAN
Registrar i/c, Bharathiar University, CBE
has kindly consented to give Valelidictory Address

Prof. D.S.HOODA
(Former PVC Kurukshetra University)
Honorary Prof. in Mathematics, GJ University of Science and Technology, Hisar-125001 (INDIA)
has graciously agreed to deliver the special address

Special Invitee

Prof.Shishir Gupta
Professor Indian Institute of Technology, Dhanbad

Dr. Sharvari Shukla
Director and Professor
Symbiosis Statistical Institute (SSI), Pune

Dr. S. Ismail Mohideen
Principal, Jamal Mohamed College, Trichy

Vote of Thanks
Dr. R. Jahir Hussain
Organizing Secretary, Associate Professor, Department of Mathematics, Jamal Mohamed College

A Short Term Training Programme (STTP) on “Data Science and Statistical Application” has been organized under the aegis of DBT Star College Scheme by Jamal Mohamed College (Autonomous) in association with Bharathiar University, Coimbatore from 15-03-2021 to 22-03-2021(seven days) via online mode.

Data Science is an emerging field of study and has a huge scope in this present scenario of technology. It deals with the collection of data, organization of data, analysis of data, creation and visualization of Mathematical Models. Data Science works in tandem with Mathematics, Statistics and supports programming like R, Tableau, BI, Charts, Python and SAS.

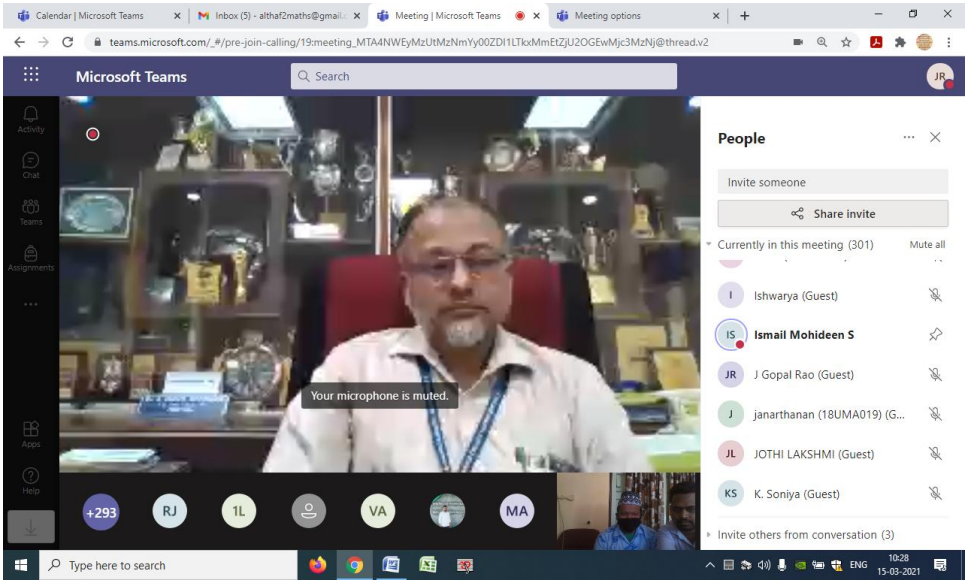
Resource persons deliberated on how data science operates on the basis of available data to encounter real life problems.

The programme has begun at 11.00 a.m on 15.03.2021 and Dr. P. Kaliraj, Vice - Chancellor, Bharathiyar University delivered the Presidential Address. Dr. S. Ismail Mohideen, Principal, Jamal Mohamed College (Autonomous) felicitated the gathering and Dr.J. Somasekar, Gopalan College of Engineering and Management, Bangalore delivered the Special address. Earlier Dr. R. Vijayaragavan, Head , Department of Statistics , Bharathiyar University welcomed the gathering and Dr. R. Jahir Hussain, Head(i/c), Department of Mathematics, Jamal Mohamed College(Autonomous) proposed the Vote of thanks.

Dr. S. Gandhiya Vendhan, Assistant Professor, Department of Statistics, Bharathiar University and Dr. R. Jahir Hussain, Associate Professor, Department of Mathematics, Jamal Mohamed College(Autonomous) organized the events from 15.03.2021 to 22-03-2021.

The list of Invited Speakers and Topics are as follows. 570 teaching faculty and students participated and got benefitted out of this online programme.

15.03.2021 (FN)	Dr. J. Somasekar Professor & Head Department of CSE Gopalan College of Engineering and Management Bangalore	Linear Regression Model In-depth Intuition in Data Science and Its Applications
15.03.2021 (AN)		Probabilistic Models in Data Science for Recommender System and Health Care
16.03.2021	Dr. N.Gnanasekaran Assistant Professor Department of Mechanical Engineering National Institute of Technology Karnataka, Surathkal, Managlore	Bayesian Statistics with Markov Chain Monte Carlo Algorithms for the Solution of Inverse Heat Transfer and Fluid flow problems
17.03.2021	Dr. W.G. Samanthi Konarasinghe Academic Director Institute of Mathematics and Management Srilanka	Data Science for Real Life
18.03.2021 (FN)	Dr. AKey Sungheetha Assistant Professor Department of CSE Adama Science and Technology University Ethiopia	Data Science and Statistical Application Using R
18.03.2021 (AN)	Ranjita Pandey Assistant Professor Department of Statistics University of Delhi Delhi	Scientific Evidence for Mathematical Reasoning
19.03.2021 (FN)	Dr.S.Suganthi Professor and Head Department of Data Science Coimbatore Institute of Technology Coimbatore	Data Science
20.03.2021 (FN)	Dr. Asadi Srinivasulu Head- Research & Professor of Information Technology Blue Crest University Liberia	Data Science Applications
22.03.2021	Dr. S. Saravanan Professor and Head Department of Mathematics Bharathiar University Coimbatore	Fluid Dynamical Modelling-Some Statistical Considerations
	Dr. Sakthivel Associate Professor Department of Statistics Bharathiar University Coimbatore	Statistical Linear Models


Microsoft Teams
Search
Your microphone is muted.
People
Invite someone
Share invite
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Mute all
Ishwarya (Guest)
Ismail Mohideen S
J Gopal Rao (Guest)
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JOTHI LAKSHMI (Guest)
K. Soniya (Guest)
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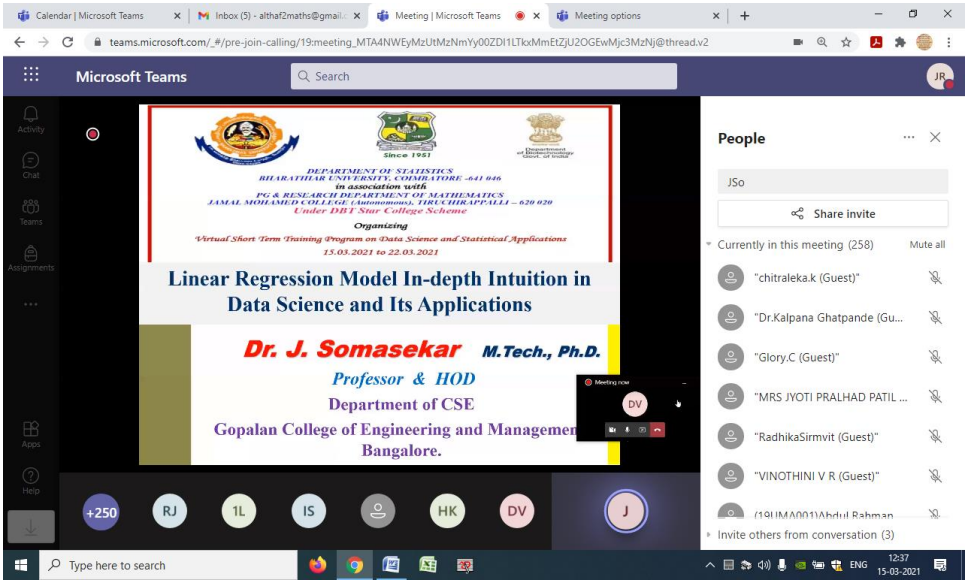
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JAMAL MOHAMED COLLEGE (Autonomous), TIRUCHIRAPPALLI – 620 020
Under DBT Star College Scheme
Organizing
Virtual Short Term Training Program on Data Science and Statistical Applications
15.03.2021 to 22.03.2021
Linear Regression Model In-depth Intuition in Data Science and Its Applications
Dr. J. Somasekar M.Tech., Ph.D.
Professor & HOD
Department of CSE
Gopalan College of Engineering and Management
Bangalore.
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Share invite
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"Glory.C (Guest)"
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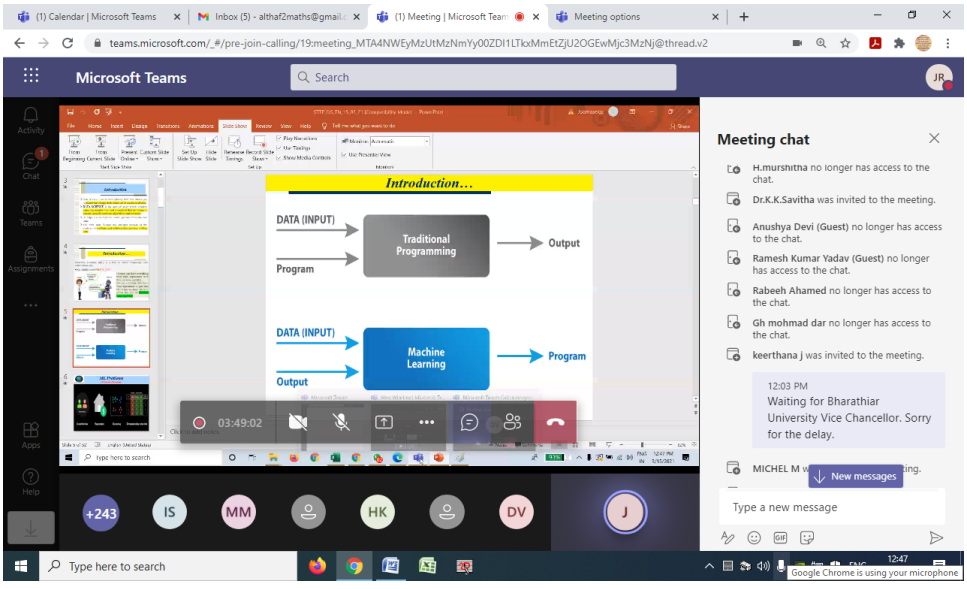
"RadhikaSirmvit (Guest)"
"VINOTHINI V R (Guest)"
Invite others from conversation (3)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Introduction...
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Traditional Programming
Output
DATA (INPUT)
Output
Machine Learning
Program
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Meeting chat
H.murshitha no longer has access to the chat.
Dr.K.K.Savitha was invited to the meeting.
Anushya Devi (Guest) no longer has access to the chat.
Ramesh Kumar Yadav (Guest) no longer has access to the chat.
Rabeeh Ahamed no longer has access to the chat.
Gh mohmad dar no longer has access to the chat.
keerthana j was invited to the meeting.
12:03 PM
Waiting for Bharathiar University Vice Chancellor. Sorry for the delay.
New messages
Type a new message

DEPARTMENT OF STATISTICS
BHARATHIAR UNIVERSITY, COIMBATORE – 641 046
&
PG & RESEARCH DEPARTMENT OF MATHEMATICS
JAMAL MOHAMED COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI

jointly Organized

Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi

Sponsored

Virtual Short Term Training Program on Data Science and Statistical Applications

This is to certify that Dr. R. Jahir Hussain has served as Organising Secretary in the DBT Sponsored **Virtual Short Term Training Program on Data Science and Statistical Applications** jointly Organized by the Department of Statistics, Bharathiar University, Coimbatore – 641 046 and PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli – 620 020 (Under DBT Star College Scheme) for seven days from 15.03.2021 to 20.03.2021 and 22.03.2021.

Dr. S. Gandhiya Vendhan
Organizing Secretary

Dr. R. Jahir Hussain
Organizing Secretary

Dr. S. Ismail Mohideen
Principal

DEPARTMENT OF STATISTICS
BHARATHIAR UNIVERSITY, COIMBATORE – 641 046
&
PG & RESEARCH DEPARTMENT OF MATHEMATICS
JAMAL MOHAMED COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI

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Virtual Short Term Training Program on Data Science and Statistical Applications

This is to certify that Dr. S. Gandhiya Vendhan has served as Organising Secretary in the DBT Sponsored **Virtual Short Term Training Program on Data Science and Statistical Applications** jointly Organized by the Department of Statistics, Bharathiar University, Coimbatore – 641 046 and PG & Research Department of Mathematics, Jamal Mohamed

Dr. S. Gandhiya Vendhan
Organizing Secretary

Dr. R. Jahir Hussain
Organizing Secretary

Dr. S. Ismail Mohideen
Principal

DEPARTMENT OF STATISTICS
BHARATHIAR UNIVERSITY, COIMBATORE -641046
and
PG & RESEARCH DEPARTMENT OF MATHEMATICS
JAMAL MOHAMED COLLEGE (Autonomous)
TIRUCHIRAPPALLI – 620 020

jointly Organized

Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi
Sponsored

Virtual Short Term Training Program on Data Science and Statistical Applications

This is to certify that Sushanto Das has participated in the DBT Sponsored Virtual "Short Term Training Program (STTP) on Data Science and Statistical Applications" jointly Organized by the Department of Statistics, Bharathiar University, Coimbatore -641046 and PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli – 620 020 (Under DBT Star College Scheme) for seven days from 15.03.2021 to 20.03.2021and 22.03.2021.

Dr. S. Gandhiya Vendhan
Organizing Secretary

Dr. R. Jahir Hussain
Organizing Secretary

Dr. R. Vijayaraghavan
HOD of Statistics

Dr. S. Ismail Mohideen
Principal

It is a system generated Certificate, therefore no signature is required

பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
COIMBATORE - 641 046, TAMILNADU, INDIA.
State University | Re-accredited with "A" Grade by NAAC | Ranked 14th among Indian Universities by MHRD-NIRF

Dr. S. GANDHIYA VENDHAN
M.Tech (IT)., M.B.A., M.Sc., M.Phil., Ph.D., PDF
International Six Sigma Master Black Belt – ISI
Data Science, Big Data and IoT -- SAS
Advanced Data Science – iNeuron

Assistant Professor
Department of Statistics
gandhiyavendhan@yahoo.com
+91 8508858098

To

The Head
PG & Research Department of Mathematics
Jamal Mohamed College (Autonomous)
Tiruchirappalli – 620 020

Sir,

We thank the organizers for the cooperation lent towards the conduct of DBT Sponsored **Virtual Short Term Training Programme on Data Science and Statistical Applications** jointly organized by the Department of Statistics, Bharathiar University, Coimbatore – 641 046 and PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020 (Under DBT Star College Scheme) for seven days from 15.03.2021 to 20.03.2021 and 22.03.2021.

Thanking you

Yours Sincerely

22/03/2021

(Dr.S.Gandhiya Vendhan)

Dr. S. Gandhiya Vendhan, Ph.D.
Assistant Professor
Department of Statistics
Bharathiar University
Coimbatore - 641 046

SINCE 1951

JAMAL MOHAMED COLLEGE (Autonomous)
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DBT Star College Scheme & DST-FIST Funded
(Affiliated to Bharathidasan University)
TIRUCHIRAPPALLI – 620 020.

सत्यमेव जयते
Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

An Outreach Activity

A Lecture on Women's Psychology

(Under DBT Star College Scheme)

Resource Person

Mrs. N.Shanmugapriya
Head, Department of Counselling
Athma Hospitals & Reserach
Tiruchirappalli

Date: 16-03-2021 Time: 4.30 p.m.

Target Audience: JMC -UG & PG Women Students & Staff

Venue: LH 169

ALL ARE INVITED

Number of students benefitted: 45

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सत्यमेव जयते
DEPARTMENT OF BIOTECHNOLOGY
GOVERNMENT OF INDIA

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Azadi Ka Amrit Mahotsav

cordially invite you to attend the

One day Workshop on Astronomy

(Under DBT Star College Scheme)

at 9.00 a.m. on Tuesday, 31st August 2021 at Mathematics Seminar Hall

Target Audience: Faculty Members, Dept. of Mathematics, JMC

In the presence of

Janab. M. J. Jamal Mohamed Bilal, President
Dr. A. K. Khaja Nazeemudeen, Secretary & Correspondent
Hajee. M.J. Jamal Mohamed, Treasurer
Dr.K.Abdus Samad, Assistant Secretary

Welcome Address & Introduction of Chief Guest : **Dr. R.Jahir Hussain,** HOD (i/c) of Mathematics

Presidential Address : **Dr. S. Ismail Mohideen**
Principal

Special Address : **Dr. S. Ruban Raj**
Principal
Vikas College of Arts & Science, Trichy

Felicitations :

Dr. A. K. Khaja Nazeemudeen
Secretary & Correspondent

Hajee. M.J. Jamal Mohamed
Treasurer

Dr.K.Abdus Samad
Assistant Secretary

Dr. K. N. Abdul Kader Nihal
Member & Hon. Director

Dr. A. Mohamed Ibraheem
Vice Principal

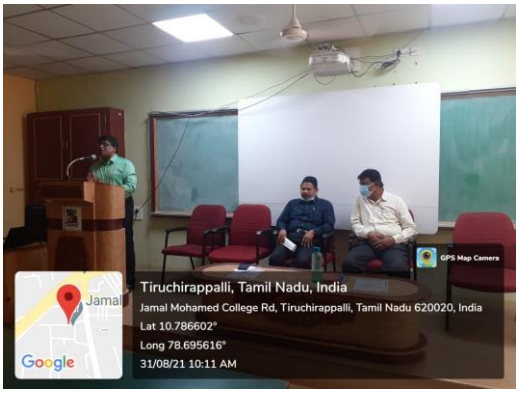
Dr. M.Mohamed Sihabudeen
Additional Vice Principal

Dr. K. N. Mohamed Fazil
Director-Hostel Administration

Ms. J.Hajira Fathima
Director-Women Hostel

Vote of Thanks : **Dr.A. Nagoor Gani,** Associate Professor of Mathematics

Under the aegis of DBT Star College Scheme **One day Workshop on Astronomy** was organized by PG and Research Department of Mathematics for the benefit of Staff of Mathematics on 31st August 2021. 27 staff benefitted out of this offline programme.



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SINCE 1951

Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Azadi Ka Amrit Mahotsav

Hands on Training Programme

on

Mathematica Software

(Under the aegis of DBT Star College Scheme)

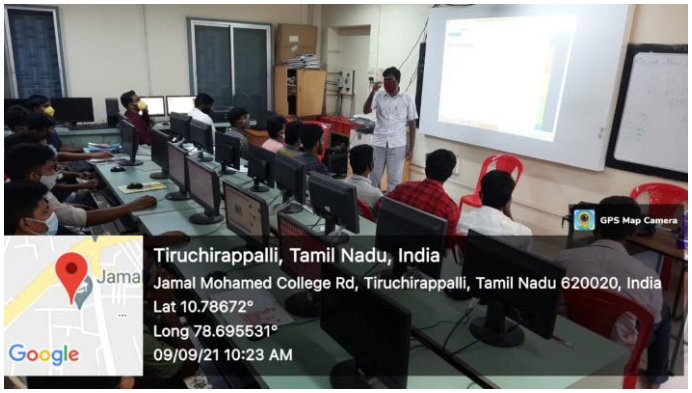
at 9.45 a.m. from 06.09.2021 to 09.09.2021

Target Audience: JMC III UG Students from Mathematics discipline

Venue: Department Lab

Resource Person: Dr. D. Dhamodharan
Assistant Professor of Mathematics
Jamal Mohamed College
Tiruchirappalli

Under the aegis of DBT Star College Scheme Hands on Training Programme on Mathematica Software was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students of Mathematics from 06.09.2021 to 09.09.2021. 60 students benefitted out of this offline programme.



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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Hands on Training Programme

on

Maple Software

(Under the aegis of DBT Star College Scheme)

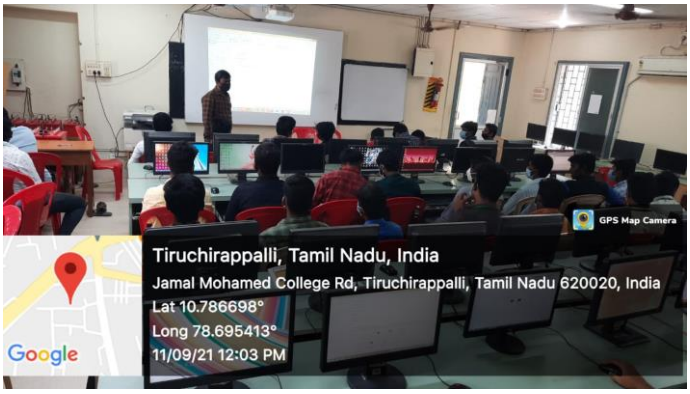
at 9.45 a.m. on 11.09.2021

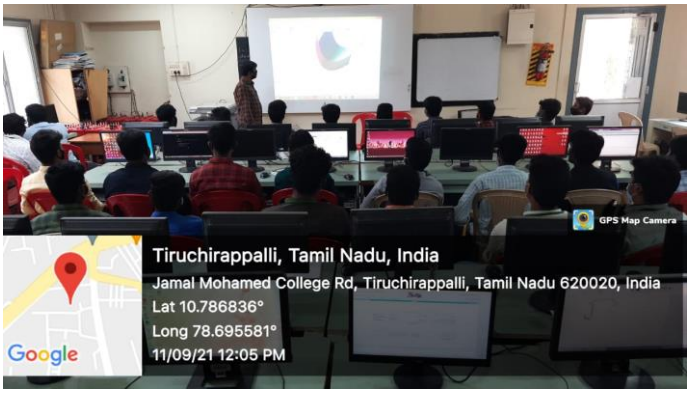
Target Audience: JMC III UG Students from Mathematics discipline

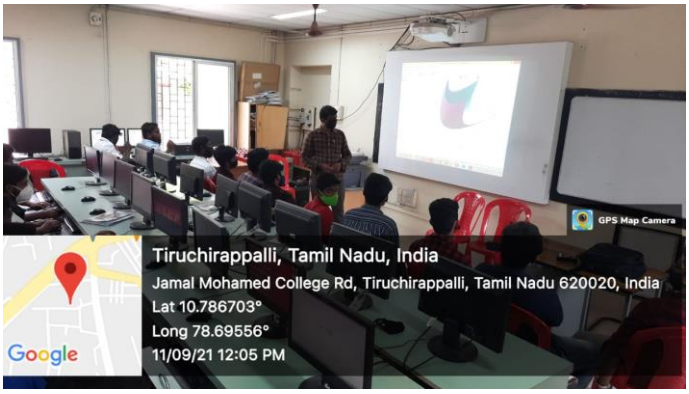
Venue: Department Lab

Resource Person: Dr. D. Dhamodharan
Assistant Professor of Mathematics
Jamal Mohamed College
Tiruchirappalli

Under the aegis of DBT Star College Scheme Hands on Training Programme on Maple Software was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students of Mathematics on 11.09.2021. 60 students benefitted out of this offline programme.







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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Special Lecture on LaTeX for Beginners

(Under the aegis of DBT Star College Scheme)

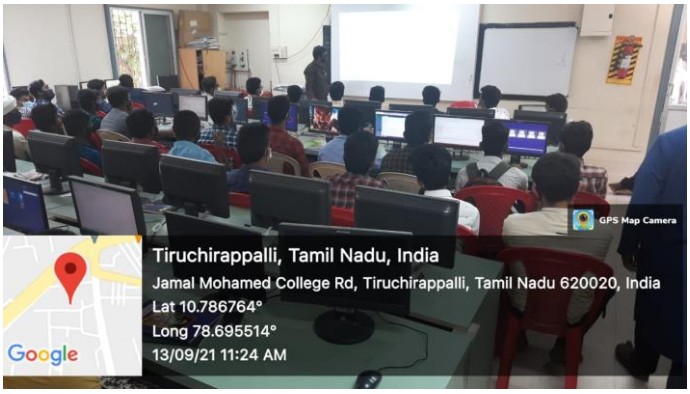
at 9.45 a.m. on 13.09.2021

Target Audience: JMC III UG Students from Mathematics discipline

Venue: Department Lab

Resource Person: Dr. D. Dhamodharan
Assistant Professor of Mathematics
Jamal Mohamed College
Tiruchirappalli

Under the aegis of DBT Star College Scheme a Special Lecture on LaTeX for Beginners was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students of Mathematics on 13.09.2021. 60 students benefitted out of this offline programme.



Department Staff meeting was held on 09.10.2021 at 12.30 p.m. alongwith the Dr.M.Mohamed Sihabudeen, Additional Vice Principal, Dr.A.Shajahan, Dean of Research, Dr. B.Padmanaban, Coordinator-Research and Dr.M.Jamal Mohamed Jaffar, HOD of Physics for the purpose of implementing DBT Star College Scheme II Year activities in the Department.

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Since 1951

DBT Star College Scheme – Department of Mathematics

Mentor Meeting (Online Mode)

Date: 11.10.2021 Time: 02.30 p.m.

via Microsoft Teams Meeting

PROGRAMME

2.30 p.m. – 2.35 p.m.	Prayer	:	Mr.N.Mohamed Thoiyab Assistant Professor of Mathematics
2.35 p.m. – 2.40 p.m.	Welcome Address & Introduction of Mentor	:	Dr. R.Jahir Hussain HOD (i/c) of Mathematics
2.40 p.m.–2.55 p.m.	Presentation of Activities Proposed and Done in the Department	:	Dr. A. Mohamed Ismayil, Associate Professor of Mathematics & Departmental Coordinator of DBT Star College Scheme.

3.00 p.m. – 3.20 p.m. Discussion by DBT Star College Scheme Department Mentors

Dr. N. Rajeswari
Principal &
Associate Professor of Mathematics
Sri GVG Visalakshi College For Women
Palani Road, Udumalpet, TamilNadu.
642 128

Dr.R.Uthayakumar
Professor of Mathematics
The Gandhigram Rural Institute
(Deemed to be University)
Gandhigram
Dindigul District, Tamil Nadu
624 302

3.20 p.m. – 3.30 p.m.	Minutes of Meeting and Vote of Thanks	:	Dr. A.Nagoor Gani Associate Professor of Mathematics

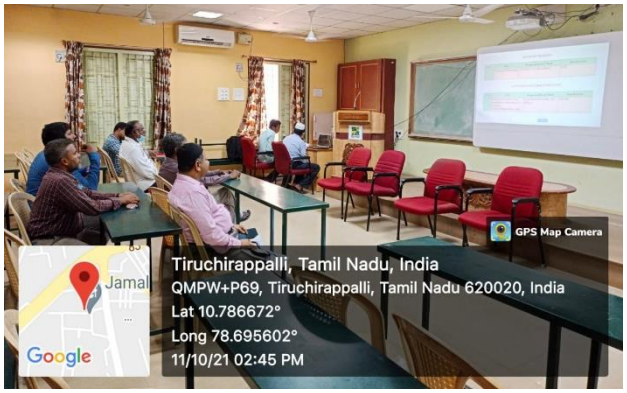
The Mentor's meeting, DBT Star College Scheme, Department of Mathematics was held on 11.10.2021 at 2.30 p.m. by blended mode.

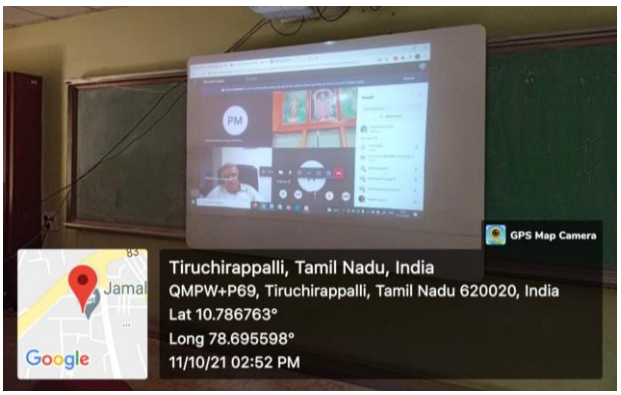
- The Meeting was initiated with a prayer by Mr.N.Mohamed Thoiyab, Assistant Professor
- Dr.R.Jahir Hussain, HoD(i/c) welcomed the gathering and introduced the Mentors for DBT Star College Scheme.
- Dr.A.Mohamed Ismayil, the Coordinator for DBT Star College Scheme of Mathematics Department presented the activities carried out and proposed by the Department from 01.06.2021 to 31.03.2022.

Dr.N.Rajeswari, Mentor, DBT Star College Scheme of Mathematics Department appreciated the efforts taken by the Department and offered her suggestion to improve the activities under this Scheme after the presentation. Dr.R.Uthayakumar, Mentor, DBT Star College Scheme of Mathematics Department offered his suggestion to improve the activities under this Scheme after the presentation.

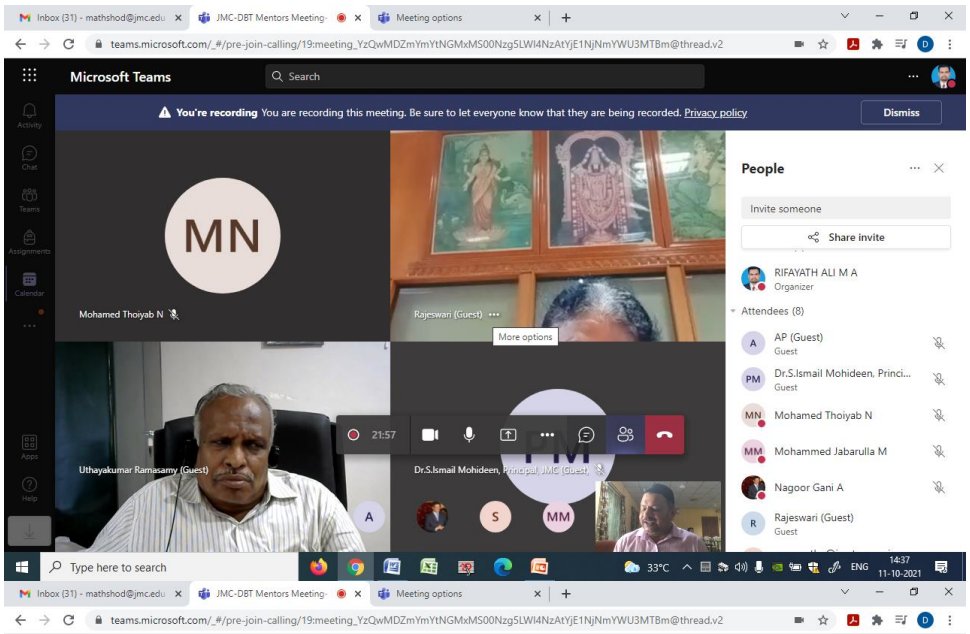
- Dr. S. Ismail Mohideen, HOD and Principal requested Dr. N. Rajeswari and Dr.R.Uthayakumar to have collaborative activities between Jamal Mohamed College pet for the benefit of staff and students.
- Dr. A. Nagoor Gani, Associate Professor read out the Minutes of meeting and proposed a vote of thanks.

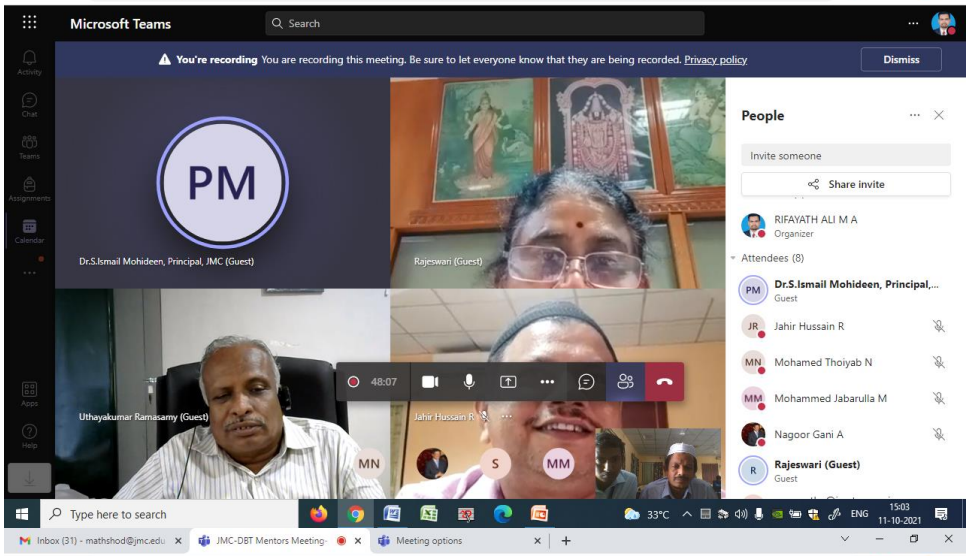
The Members Dr. R.Jahir Hussain, Dr. A.Mohamed Ismayil, Dr.S.Mohamed Yusuff Ansari, Dr.P. Murganantham, Dr.A.Prasanna, Dr. U.Abuthahir, Dr.M. A. Rifayath Ali and Dr.M.Mohamed Althaf attended the Meeting by Offline mode and other members attended the meeting by online mode.

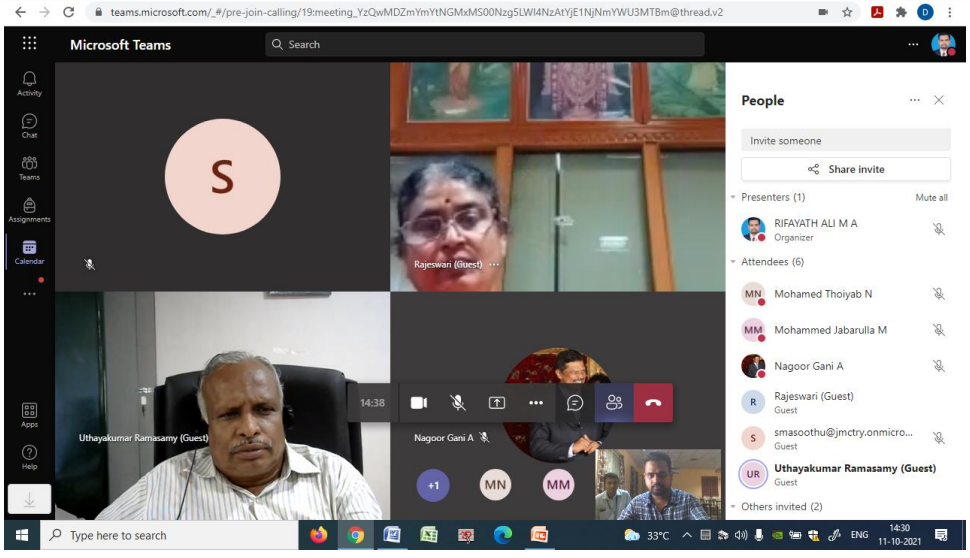




Snapshots of DBT Star College Scheme – Department of Mathematics Mentor Meeting (Blended Mode) on 11.10.2021







63 III B.Sc. Students are benefited from the Virtual Internship Programme.

SOUTH INDIAN RESEARCHERS ASSOCIATION (SIRA)

A Unit of BHARAT RATNA DR.APJ ABDUL KALAM SOCIAL AND EDUCATIONAL SOCIETY, Sankarankovil.

(Registration No.:SRG/TENKASI/87/2020)

CERTIFICATE

VIRTUAL INTERNSHIP PROGRAMME

This is to certify that Mr. / Ms.

ABDUL RAHMAN MOHAMED AATHIL R

from III - B.Sc. (Mathematics) student of Jamal Mohamed College, Trichy, actively participated and completed the "30 HOURS INTERNSHIP PROGRAMME ON SPSS" from 18-October-2021 to 23-October-2021 organised through Online mode by SOUTH INDIAN RESEARCHERS ASSOCIATION (SIRA) in accordance with all rights and privileges herein.

Dr. S. Sheik Abdullah
Secretary, SIRA

Dr. S. Jeya Kumar
Vice-President, SIRA

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सत्यमेव जयते
DEPARTMENT OF BIOTECHNOLOGY
GOVERNMENT OF INDIA

PG & RESEARCH DEPARTMENT OF MATHEMATICS
in association with DBT Star College Scheme

Azadi Ka Amrit Mahotsav

cordially invites you to the Inaugural Function of

Major M.Aravandi Endowment Lecture

at 10.30 a.m. on Thursday, 21st October 2021 at Mathematics Seminar Hall

Target Audience: Faculty Members, Students and Research Scholars of Dept. of Mathematics, JMC

In the presence of

Janab. M. J. Jamal Mohamed Bilal President	**Dr. A. K. Khaja Nazeemudeen** Secretary & Correspondent
Hajee. M.J. Jamal Mohamed Treasurer	**Dr.K.Abdus Samad** Assistant Secretary

Welcome Address & Introduction of Chief Guest : **Dr. R.Jahir Hussain,** HOD (i/c) of Mathematics

Presidential Address : **Dr. S. Ismail Mohideen**
Principal

Inaugural Address : **Dr. M. Marudai**
Honorary Professor of Mathematics
Bharathidasan University, Trichy

Topic : **Continuity and Differentiability**

Presentation of DBT Star College Scheme - Student Excellence Award (2020-21)

Felicitations

Dr. A. K. Khaja Nazeemudeen Secretary & Correspondent	**Hajee. M.J. Jamal Mohamed** Treasurer
Dr.K.Abdus Samad Assistant Secretary	**Dr. K. N. Abdul Kader Nihal** Member & Hon. Director
Dr. A. Mohamed Ibraheem Vice Principal	**Dr. M.Mohamed Sihabudeen** Additional Vice Principal
Dr. K. N. Mohamed Fazil Director-Hostel Administration	**Ms. J.Hajira Fathima** Director-Women Hostel

Vote of Thanks : **Dr.A. Nagoor Gani,** Associate Professor of Mathematics

Your glorious presence will be our great pleasure

Report

Major M.Aravandi Endowment Lecture was inaugurated at 10.30 a.m on 21.10.2021 in the Department of Mathematics, Jamal Mohamed College, Trichy. It is noteworthy that the Endowment Lecture was first established with a financial assistance sponsored by Major. M.Aravandi, a Former Professor of the College for the benefit of the students belonged to Mathematics discipline.

For this year Dr.M.Marudai, Honorary Professor of Mathematics, Bharathidasan University, Trichy was the Chief Guest for the Special Lecture Programme. He gave an interesting lecture on the topic " Continuity and Differentiability" for the benefit of the student to grasp the concepts and ideas.

Earlier Dr. R.Jahir Hussain, HOD (i/c) of Mathematics welcomed the gathering and Dr. S. Ismail Mohideen, Principal delivered the Presidential Address.

Dr. A. K. Khaja Nazeemudeen, Secretary & Correspondent, Dr.K.Abdus Samad, Assistant Secretary and Dr. K. N. Abdul Kader Nihal, Member & Hon. Director greeted the gathering.

The person who instituted this endowment lecture Major M.Aravandi himself graced the event by his august presence along with other retired Professors of Mathematics Department of the College. Around 80 student participants attended the lecture.

At the end of the programme Dr.A. Nagoor Gani, Associate Professor of Mathematics proposed the Vote of Thanks and the entire event was organized and looked after by the Professors of the Department of Mathematics.

GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
Jamal Mohamed College Rd, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.786599°
Long 78.695299°
21/10/21 11:02 AM
Google

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PG & RESEARCH DEPARTMENT OF MATHEMATICS
Inaugural Function of
MAJOR M. ARAVANDI ENDOWMENT LECTURE
GPS Map Camera
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Mannarpuram Electric Sub-Station, Chennai - Theni Hwy, Mannarpuram, Sangillyandapuram, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.786649°
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GPS Map Camera
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Mannarpuram Electric Sub-Station, Chennai - Theni Hwy, Mannarpuram, Sangillyandapuram, Tiruchirappalli, Tamil Nadu 620020, India
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Long 78.695339°
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Mannarpuram Electric Sub-Station, Chennai - Theni Hwy, Mannarpuram, Sangillyandapuram, Tiruchirappalli, Tamil Nadu 620020, India
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JAMAL MOHAMED COLLEGE
PG & RESEARCH DEPARTMENT OF MATHEMATICS
Inaugural Function of
MAJOR M. ARAVANDI ENDOWMENT LECTURE
21st October 2021
JAMAL MOHAMED
COLLEGE

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(Autonomous)
DEPARTMENT OF MATHEMATICS
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
Mannarpuram Electric Sub-Station, Chennai - Theni Hwy, Mannarpuram, Sangillyandapuram, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.786687°
Long 78.695327°
21/10/21 11:24 AM
Police Trichy
Google

GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
Jamal Mohamed College Rd, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.786872°
Long 78.695313°
21/10/21 11:23 AM
Police Trichy
Google

DEPARTMENT OF MATHEMATICS
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Tiruchirappalli, Tamil Nadu, India
Mannarpuram Electric Sub-Station, Chennai - Theni Hwy, Mannarpuram, Sangillyandapuram, Tiruchirappalli, Tamil Nadu 620020, India
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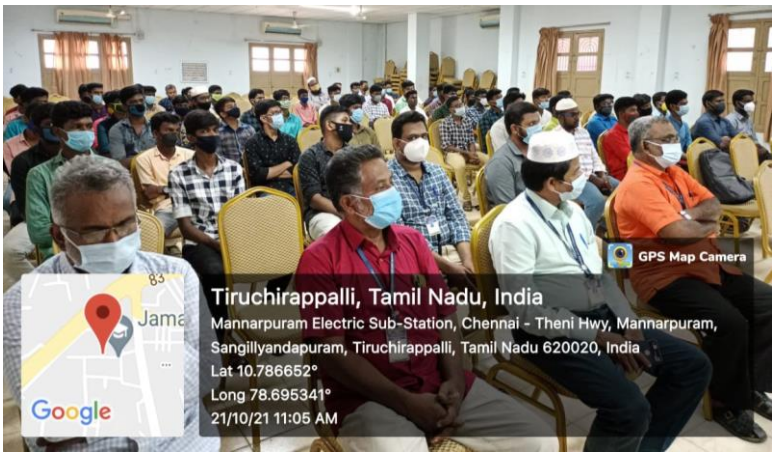
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
Mannarpuram Electric Sub-Station, Chennai - Theni Hwy, Mannarpuram, Sangillyandapuram, Tiruchirappalli, Tamil Nadu 620020, India
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GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
Mannarpuram Electric Sub-Station, Chennai - Theni Hwy, Mannarpuram, Sangillyandapuram, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.786672°
Long 78.695355°
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JAMAL MOHAMED COLLEGE

JAMAL MOHAMED COLLEGE
PG & RESEARCH DEPARTMENT OF MATHEMATICS
MAJOR M. ARAVANDI ENDOWMENT LECTURE
JAMAL MOHAMED COLLEGE

GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
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Police Trichy
Google

GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
QMPW+P69, Tiruchirappalli, Tamil Nadu 620020, India
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Long 78.695539°
21/10/21 12:24 PM
Police Trichy
Google

GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
QMPW+P69, Tiruchirappalli, Tamil Nadu 620020, India
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Long 78.69573°
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Police Trichy
Google

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TIRUCHIRAPPALLI – 620 020.

Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Azadi Ka Amrit Mahotsav

welcomes you all to attend a

Hands on Training on R Programming

(Under the aegis of DBT Star College Scheme)

Resource Person

Dr. G. Arockia Sahaya Sheela
Assistant Professor & Head
Department of Data Science
Holy Cross College (Autonomous)
Tiruchirappalli -02

Date: 26.10.2021-28.10.2021

Time: 11.30 a.m.

Target Audience: JMC –II B.Sc Mathematics Students

Venue: Maths Lab (I Floor)

ALL ARE INVITED

Under the aegis of DBT Star College Scheme Hands on Training on R Programming was organized by PG and Research Department of Mathematics for the benefit of Second Under Graduate students of Mathematics from 26.10.2021 to 28.10.2021. 54 students benefitted out of this offline programme.

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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Azadi Ka Amrit Mahotsav

Workshop on Vedic Mathematics

(Under the aegis of DBT Star College Scheme- An Inter Department Activity)

Resource Person

Mr. Ashwani Jain
Assistant Professor of Mathematics
Khalsa College for Women
Sidhwan Khurd
Ludhiana District
Punjab

Date: 26.10.2021-30.10.2021

Time: 11.30 a.m.

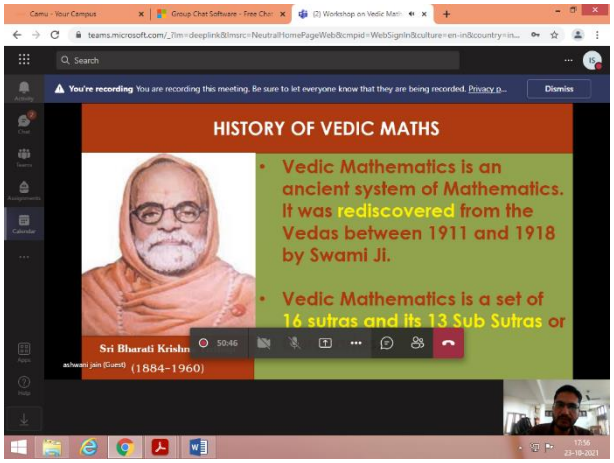
Target Audience: JMC – All I UG Students (DBT Star College Scheme Depts.)

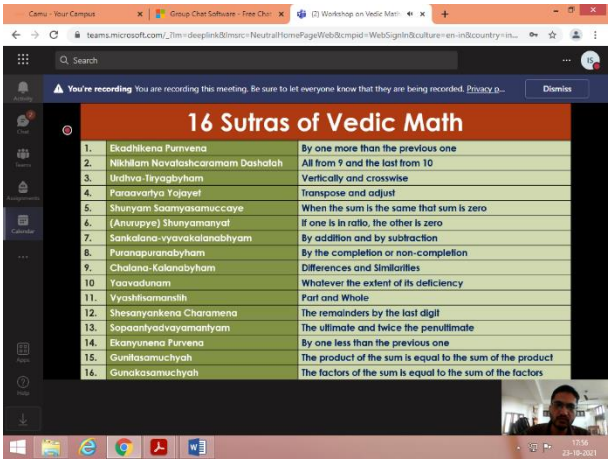
Venue: LH-11

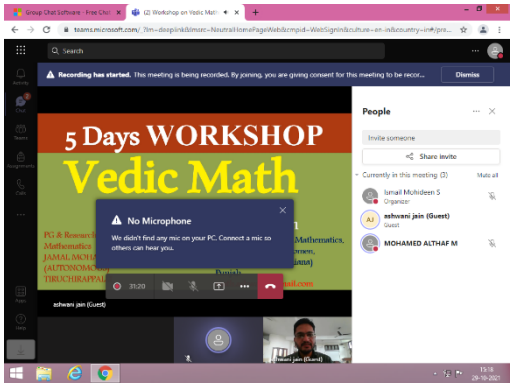
Mode: Blended

ALL ARE INVITED

Under the aegis of Under the aegis of DBT Star College Scheme (An Inter Department Activity) Workshop on Vedic Mathematics was organized by PG and Research Department of Mathematics for the benefit of First Under Graduate students from 26.10.2021 to 30.10.2021. 87 students (M-52, P-7, C-28) benefitted out of this offline programme.







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Department of Biotechnology Govt. of India

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend a

Hands on Training on Matlab and it's applications

(Under the aegis of DBT Star College Scheme)

Resource Persons

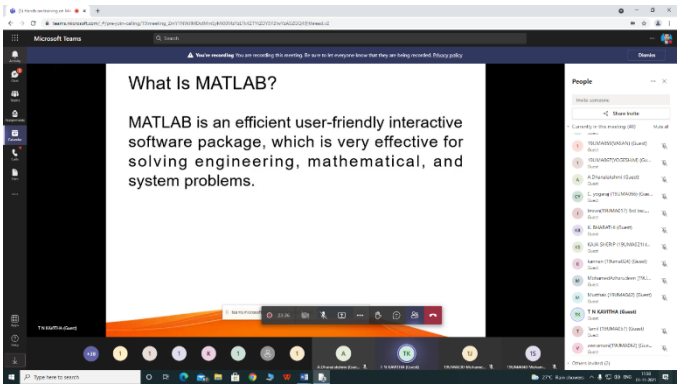
Date	Name	Title of Lecture
01.11.2021	**Dr. T. N. Kavitha** Assistant Professor of Mathematics Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University Enathur Kanchipuram	**Introduction**
01.11.2021	**Dr. A. Dhanalakshmi** Assistant Professor of Mathematics Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University Enathur Kanchipuram	**Matrix**
02.11.2021	**Dr. K. Bharathi** Assistant Professor of Mathematics Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University Enathur Kanchipuram	**Linear Programming Problem**
02.11.2021	**Dr. J. Sengamalaselvi** Assistant Professor of Mathematics Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University Enathur Kanchipuram	**Differentiation**
03.11.2021	**Dr. D. Vijayalakshmi** Assistant Professor of Mathematics Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University Enathur Kanchipuram	**Integration**
03.11.2021	**Dr. T. N. Kavitha** Assistant Professor of Mathematics Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University Enathur Kanchipuram	**Ordinary Differential Equations**

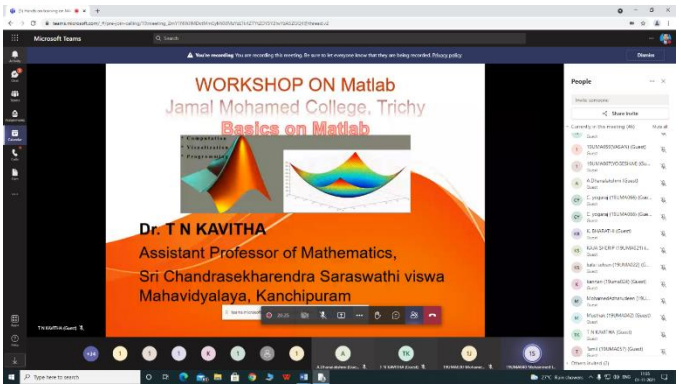
Date: 01.11.2021-03.11.2021

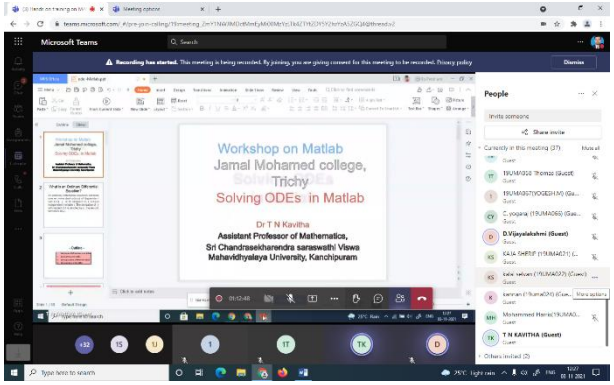
Time: 11.30 a.m.

Target Audience: JMC –III B.Sc. Mathematics
Mode: Online

Under the aegis of Under the aegis of DBT Star College Scheme Hands on Training on Matlab and it's applications (by online mode) was organized by PG and Research Department of Mathematics for the benefit of Third Under Graduate students from 01.11.2021 to 03.11.2021. 52 students benefitted out of this online programme.







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Hands on Training on SPSS

(Under the aegis of DBT Star College Scheme)

Resource Person

Dr.M.BALASUBRAMANIAN
Assistant Professor
Department of Statistics
Periyar EVR College (Autonomous)
Tiruchirappalli -23

Date: 1st to 3rd November 2021

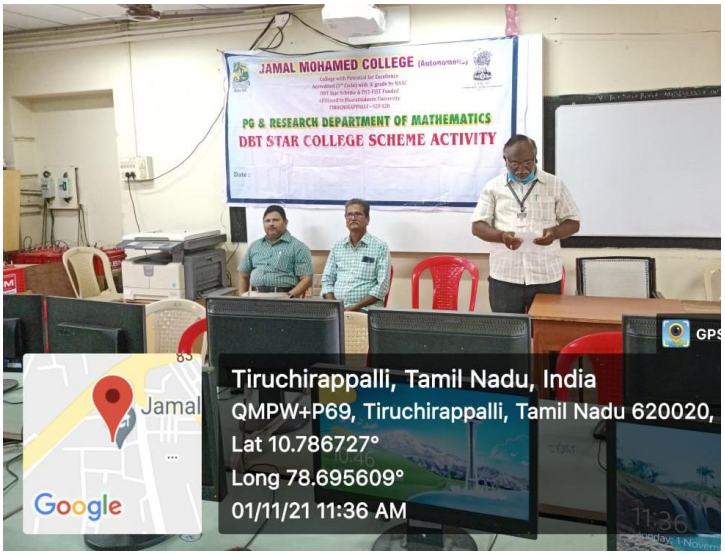
Time: 11.30 a.m.

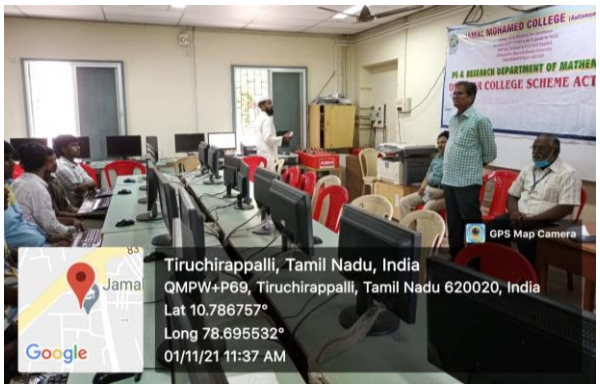
Venue: Lab (I Floor)

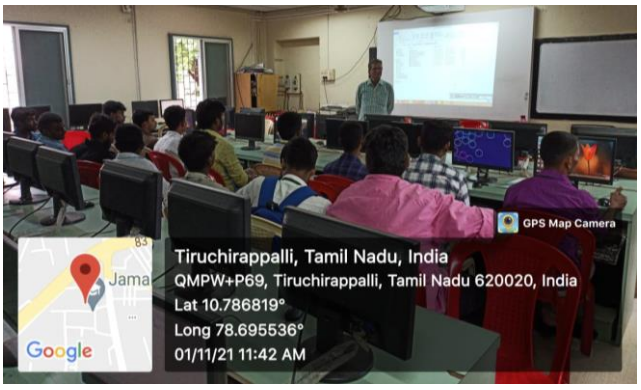
Target Audience: II B.Sc. Mathematics Students

ALL ARE INVITED

Under the aegis of DBT Star College Scheme Hands on Training on SPSS was organized by PG and Research Department of Mathematics for the benefit of Second Under Graduate students of Mathematics from 01.11.2021 to 03.11.2021. 60 students benefitted out of this offline programme.

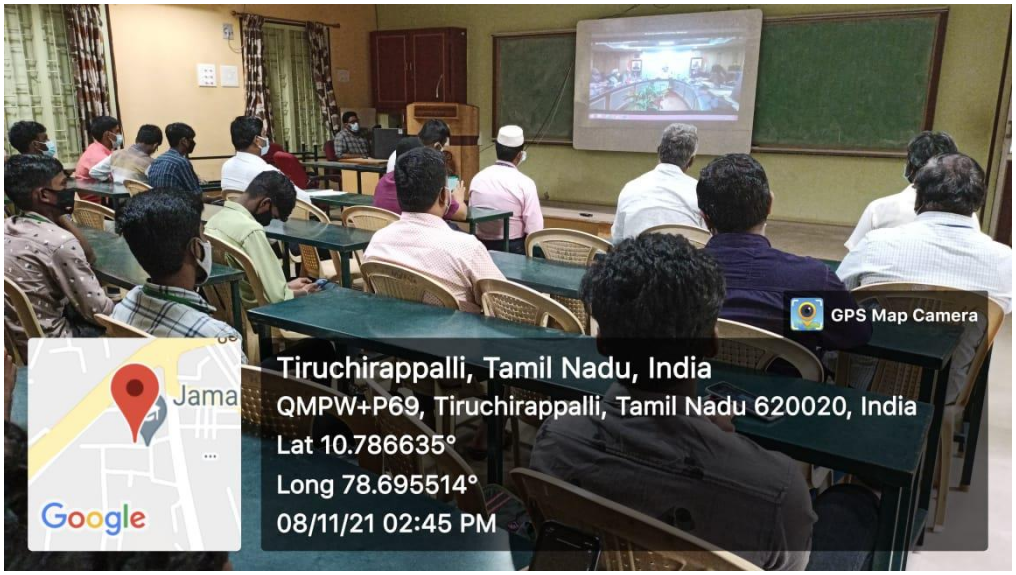




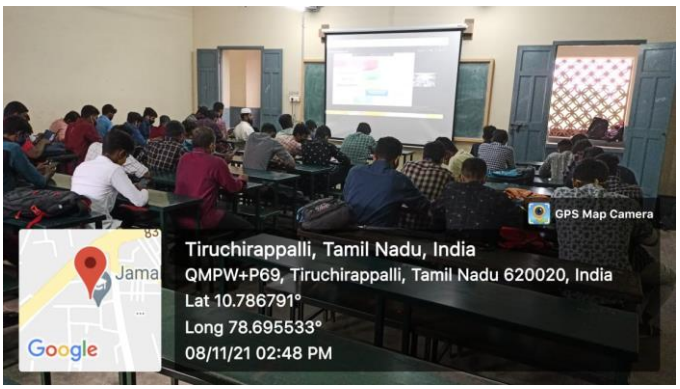


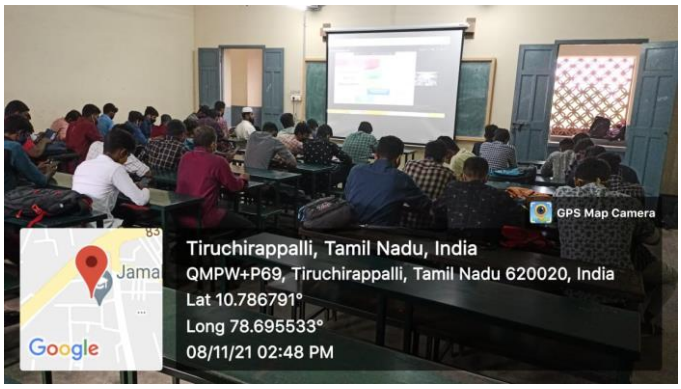
All Staff members and UG students are attended the Launch DBT Star College Mentorship Programme on 08.11.2021 by online Mode. The staff members, I UG and II are gathered at LH-11and LH-18 respectively. The III UG students attended through online.

II B.Sc Mathematics and Staff at LH 11



I B.Sc Mathematics at LH 18





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PG & RESEARCH DEPARTMENT OF MATHEMATICS

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cordially invite you all to celebrate

National Education Day

(Birth Anniversary of Maulana Abdul Kalam Azad)

&

Special Lecture on Calculus

(Under the aegis of DBT Star College Scheme)

Resource Person

Dr.Surinder Mohan Deep
Associate Professor & Head
Department of Mathematics
Govind National College
Narangwal District
Ludhiana
Punjab

Date: 11.11.2021

Time: 11.30 a.m.

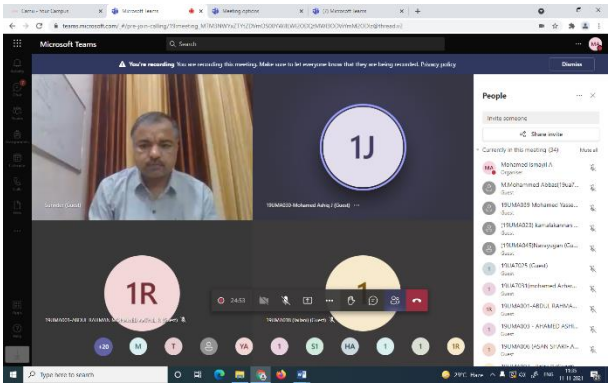
Mode: Online

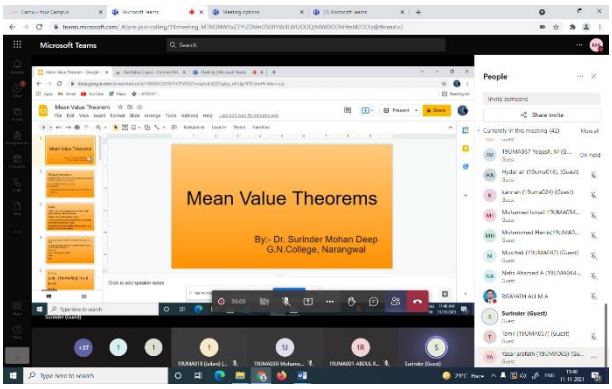
Target Audience: III B.Sc. Mathematics Students

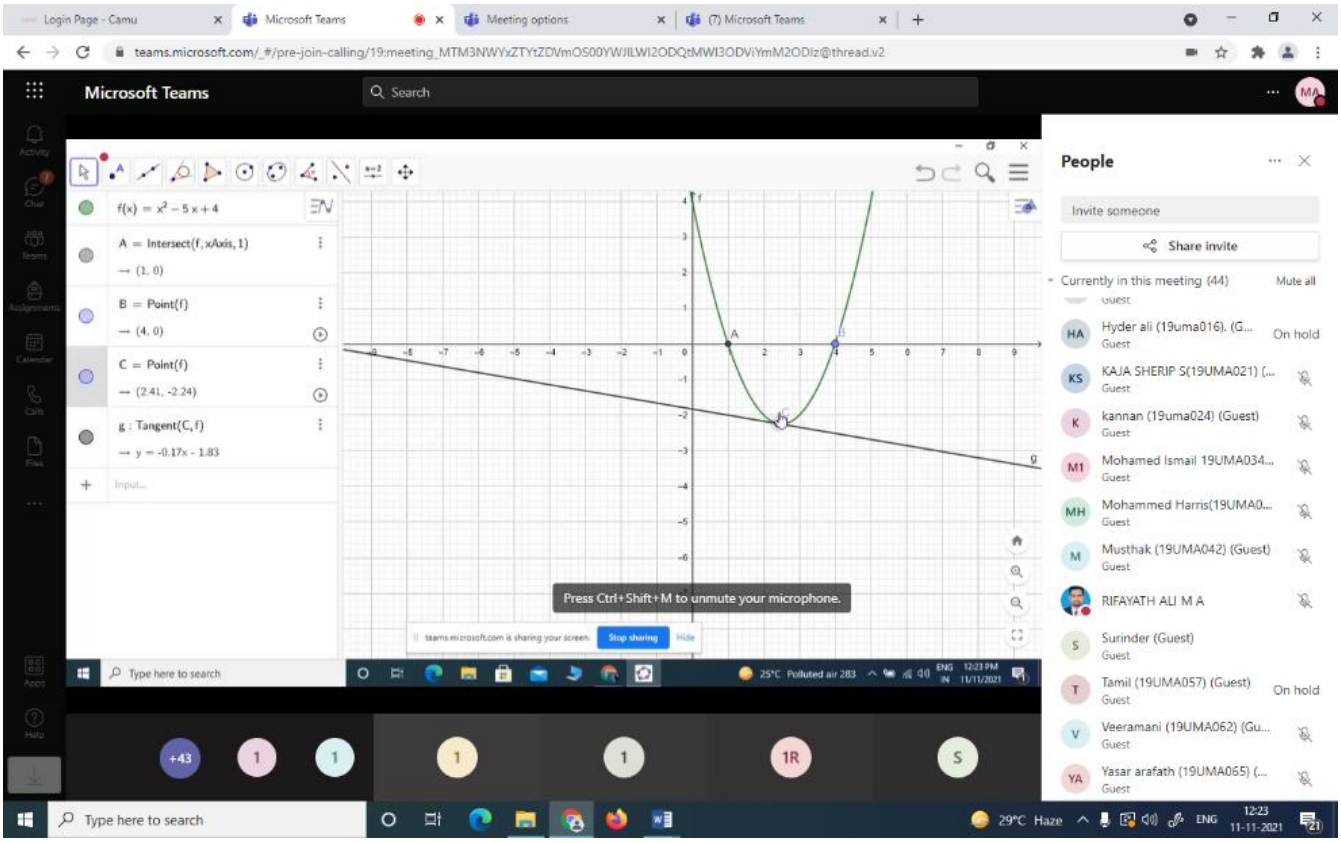
ALL ARE INVITED

National Education Day (Birth Anniversary of Maulana Abdul Kalam Azad) observed at Department of Mathematics, Jamal Mohamed College on 11.11.2021 at 11.30 a.m.

Dr.Surinder Mohan Deep, Associate Professor & Head, Department of Mathematics, Govind National College, Punjab delivered a Special Address by online Mode. No. of third year Students benefitted is 44 (by screen shot)







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Special Lecture on

Employment Prospects for Mathematics Aspirants

(Under the aegis of DBT Star College Scheme)

Resource Person

Dr. Richa Brar
Assistant Professor of Mathematics
Sri Guru Granth Sahib World University
Fatehgarh Sahib
Punjab

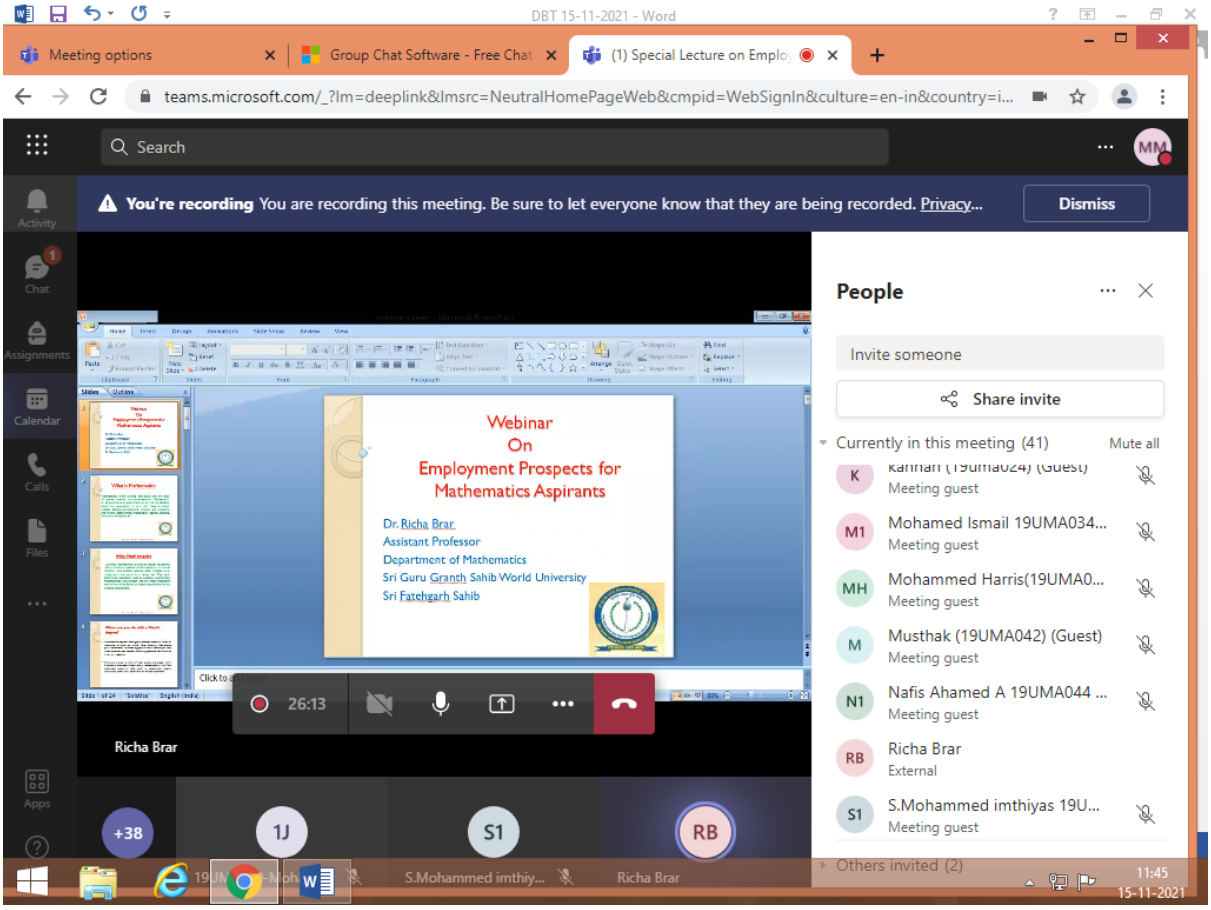
Date: 15th November 2021

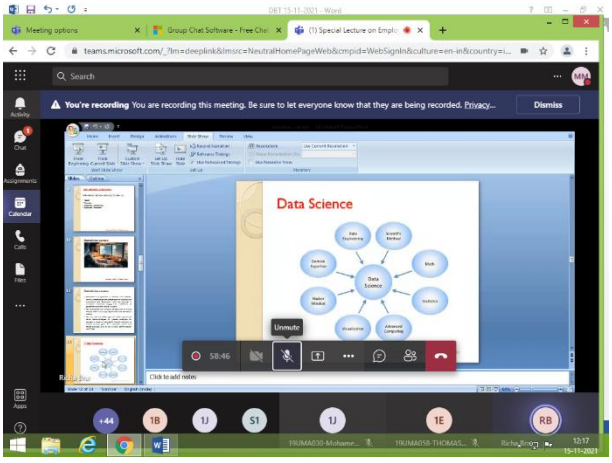
Time: 11.30 a.m.

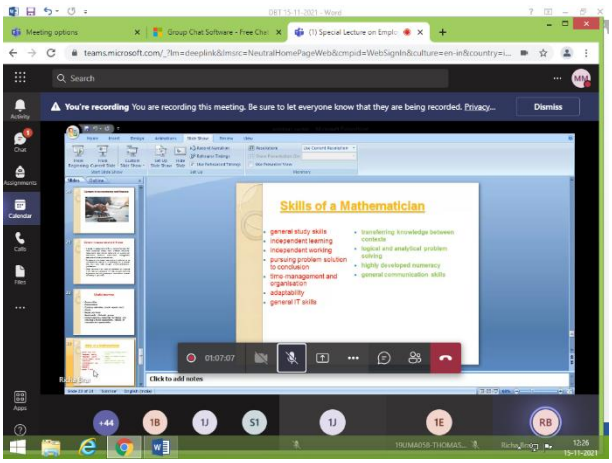
Target Audience: III B.Sc. Mathematics Students

ALL ARE INVITED

Department of Mathematics organized a Special Lecture on 15.11.2021 via online. Dr. Richa Brar, Assistant Professor of Mathematics, Sri Guru Granth Sahib World University, Fatehgarh Sahib ,Punjab was the Chief Guest and delivered a lecture on Employment Prospects for Mathematics Aspirants. 41 students (refer screen shot) benefitted out of this online programme.







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Training Programme on

Theory of Equations

(Under the aegis of DBT Star College Scheme- An Outreach Activity)

at 10.00 a.m. on 20th November 2021 at LH 13

Target Audience : School Teachers

Special Address : Dr. M.Mohamed Althaf
Assistant Professor
Department of Mathematics
Jamal Mohamed College
Tiruchirappalli

Training Programme on Theory of Equations (Under the aegis of DBT Star College Scheme- An Outreach Activity) was organized by PG and Research Department of Mathematics for the benefit of School Teachers of Mathematics on 20.11.2021. 20 school teachers benefitted out of this offline programme. Dr. M.Mohamed Althaf Assistant Professor, Department of Mathematics, Jamal Mohamed College Tiruchirappalli was the resource person.

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Hands on Training Programme on

SageMath Software

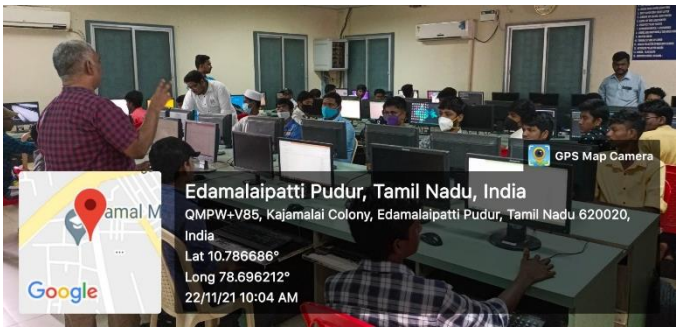
(Under the aegis of DBT Star College Scheme)

at 10.00 a.m. on 22nd & 23rd November 2021 at Lab

Target Audience : I B.Sc Mathematics students

Special Address : Dr. P. S. Srinivasan
Associate Professor
Department of Mathematics
Bharathidasan University
Tiruchirappalli - 620 024

Under the aegis of DBT Star College Scheme Hands on Training on SageMath Software was organized by PG and Research Department of Mathematics for the benefit of Second Under Graduate students of Mathematics on 22.11.2021 and 23.11.2021. 46 students benefitted out of this offline programme. Dr. P. S. Srinivasan Associate Professor, Department of Mathematics, Bharathidasan University Tiruchirappalli was the resource person.



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Special Lecture on Maths & Magics

(An Outreach Activity- Under the aegis of DBT Star College Scheme)

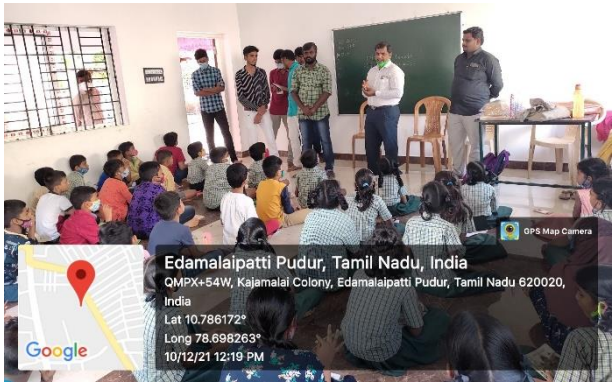
at 10.00 a.m. on 10.12.2021

Target Audience : VI Standard School Students

Venue: Corporation Middle School
Subramaniapuram, Trichy-20

Special Address : Mr. M.Manikandan
District Secretary
Tamil Nadu Science Forum
Tiruchirappalli

Under the aegis of DBT Star College Scheme – An Outreach Activity “A Special Lecture on Maths and Magics” was organized by PG and Research Department of Mathematics for the benefit of IV-VIII Standard School Students on 10.12.2021. Mr.Manikandan, District Secretary of Tamilnadu Science Forum, Tiruchirappalli was the Resource person of this program. 99 students participated and they were highly benefitted out of this offline programme.



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Activity Based Mathematics Learning

(An Outreach Activity- Under the aegis of DBT Star College Scheme)

at 11.30 a.m. on 10.12.2021

By UG Mathematics Students

Venue: Corporation Middle School
Subramaniapuram, Trichy

Target Audience : VII Standard School Students

Under the aegis of DBT Star College Scheme- An Outreach Activity, a program was organized by PG and Research Department of Mathematics in the topic “Activity Based Mathematics Learning” on 10.12.2021 by the UG Mathematics Students for the benefit of VIII Standard School Students. Nearly, 40 students participated and benefitted out of this offline programme.

To

The Head of the Mathematics Department

Jamal Mohamed College

Tiruchirappalli-20

Sir,

We thank the staff and students of Department of Mathematics, Jamal Mohamed College for conducting a Program on Activity based Mathematics learning on 10/12/2021 (under DBT Star Star College Scheme). Our school VI–VIII Standard students attended actively. 40 students are benefited through this Programme.

10/12/21

10/12/21

Headmistress

Corporation Middle School

Subramanyapuram

Trichy - 20

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Seminar on General Application of Mathematics

(Under the aegis of DBT Star College Scheme)

at 10.00 a.m. on 10.12.2021

Target Audience : III B.Sc. Mathematics Students

Special Address : Dr.B.Mohamed Harif
Assistant Professor in Mathematics
Rajah Serfoji Government College
Thanjavur-5

Venue: LH- 18

Under the aegis of DBT Star College Scheme a seminar on “General Application of Mathematics” was organized by PG and Research Department of Mathematics on 10.12.2021 for the benefit of Third year Under Graduate students of Mathematics. Dr.B.Mohamed Harif, Assistant Professor in Mathematics Rajah Serfoji Government College,Thanjavur was the resource person. 46 students participated and they were highly benefitted out of this offline programme.

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Seminar on Group Theory

Azadi Ka Amrit Mahotsav

(Under the aegis of DBT Star College Scheme)

at 10.00 a.m. on 11.12.2021

Target Audience : III B.Sc. Mathematics Students

Special Address : Dr.B.Mohamed Harif
Assistant Professor in Mathematics
Rajah Serfoji Government College
Thanjavur-5

Venue: LH- 18

Under the aegis of DBT Star College Scheme a seminar on “Group Theory” was organized by PG and Research Department of Mathematics on 11.12.2021 for the benefit of Third year Under Graduate students of Mathematics. Dr.B.Mohamed Harif Assistant Professor in Mathematics Rajah Serfoji Government College,Thanjavur-5 was the resource person. 39 students participated and they were highly benefitted out of this offline programme.

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Special Lecture on Importance of Life Skills Education

(An outreach Activity- Under the aegis of DBT Star College Scheme)

Azadi Ka Amrit Mahotsav

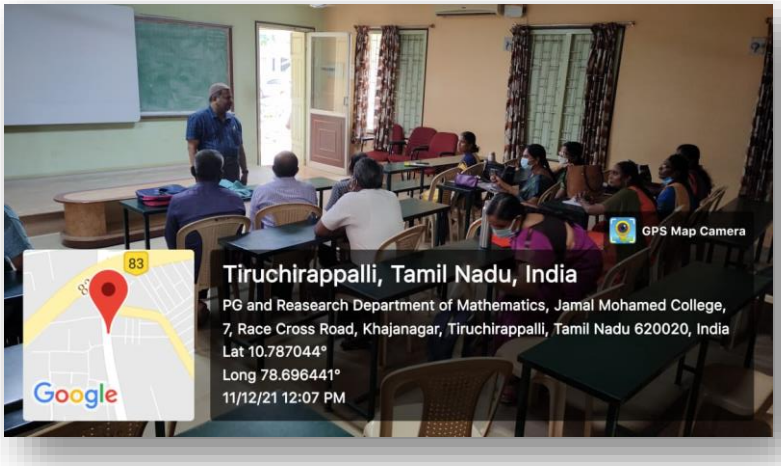
at 11.30 a.m. on 11.12.2021

Target Audience : School Teachers

Special Address : Dr. R.Jahir Hussain
Associate Professor of Mathematics
Jamal Mohamed College
Trichy

Venue: LH- 11

Under the aegis of DBT Star College Scheme- outreach Activity a Special Lecture on Importance of Life Skills Education was organized by PG and Research Department of Mathematics on 11.12.2021 for the benefit of School Teachers. Dr. R.Jahir Hussain Associate Professor of Mathematics, Jamal Mohamed College, Trichy was the resource person. 15 school teachers participated and they were benefitted out of this offline programme.



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Seminar on Present Trends in Mathematics

Azadi Ka Amrit Mahotsav

(Under the aegis of DBT Star College Scheme)

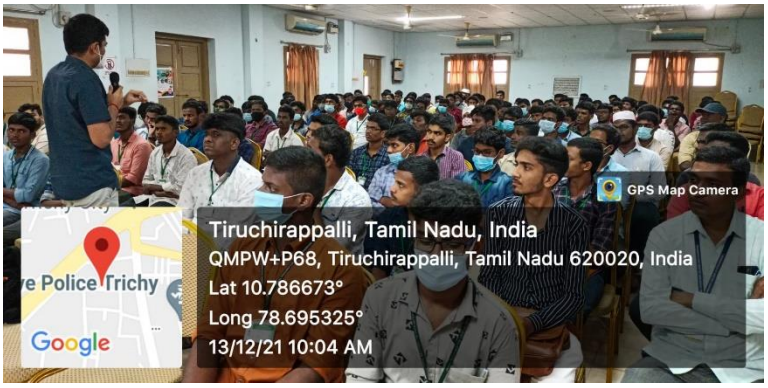
at 10.00 a.m. on 13.12.2021

Target Audience : I UG, II UG and III UG Mathematics Students

Special Address : R.S. Elanchearan
PhD, PMRF Fellow
Department of Mathematics
IIT Madras, Chennai

Venue: Syed Hussainudeen Hall

Under the aegis of DBT Star College Scheme a seminar on “Present Trends in Mathematics” was organized by PG and Research Department of Mathematics on 13.12.2021 for the benefit of I,II and III year Under Graduate students of Mathematics. R.S.Elanchearan PhD,PMRF Fellow Department of Mathematics IIT Madras, Chennai was the Resource of person of this program. 176 students participated and they were highly benefitted out of this offline programme.



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Seminar on Applied Mathematics

(Under the aegis of DBT Star College Scheme)

at 10.00 a.m. on 15.12.2021

Target Audience : UG Mathematics Students

Special Address : R.S. Elanchearan
PhD, PMRF Fellow
Department of Mathematics
IIT Madras, Chennai

Venue: LH- 11

Under the aegis of DBT Star College Scheme a seminar on "Applied Mathematics" was organized by PG and Research Department of Mathematics on 15.12.2021 for the benefit of I,II and III year Under Graduate students of Mathematics. R.S.Elanchearan PhD,PMRF Fellow Department of Mathematics IIT Madras, Chennai was the Resource of person of this program. 61 students participated and they were highly benefitted out of this offline programme.

Field Visit

Date: 15/12/2021 **Time:** 3.00 pm
Location: Ordnance Factory Trichy, Tiruchirappalli.
Students (II- B.Sc. Mathematics, III-B.Sc. Mathematics) attended with Professors

7.62 x 39mm TRICHY ASSAUL
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
5th cross, Tamil Nadu 620016, India
Lat 10.723416°
Long 78.778561°
15/12/21 03:42 PM
Google

7.62 x 39mm TRICHY ASSAULT R
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
5th cross, Tamil Nadu 620016, India
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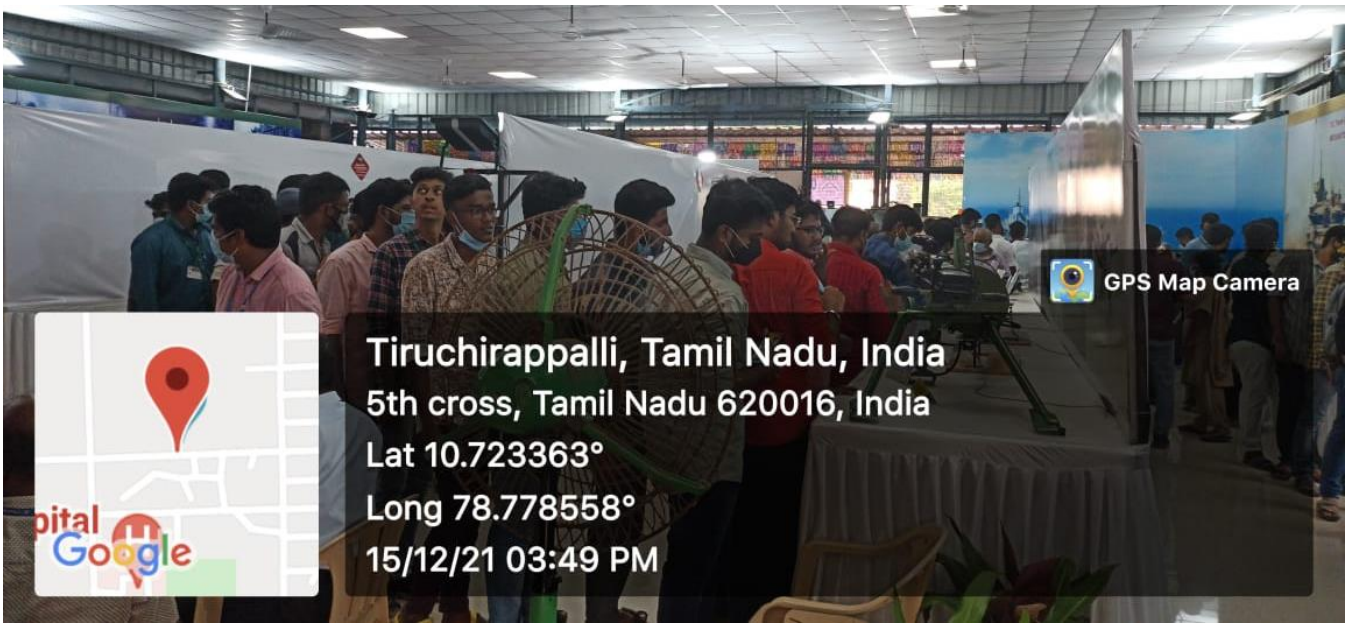
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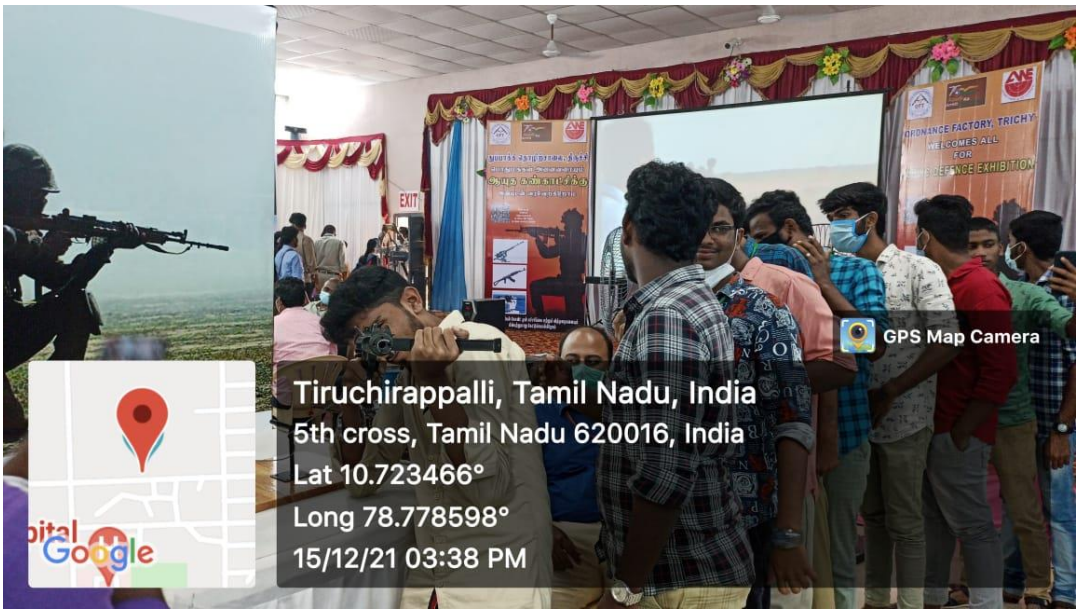
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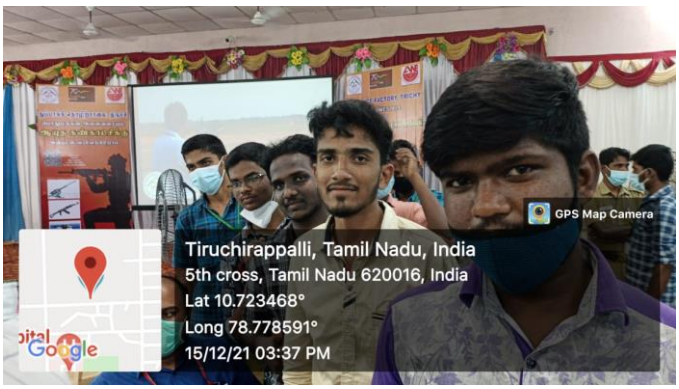
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FACTORY, TIRUCHIRAPPALL
MINISTRY OF DEFENCE
DEN JUBILEE YEAR - 2016
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Sooriyur, Tamil Nadu, India
PQ89+Q7G, MGR Nagar, Sooriyur, Tamil Nadu 620016, India
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FACTORY, TIRUCHIRAPPALL
MINISTRY OF DEFENCE
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Field Visit Report

Date: 15/12/2021 **Time:** 3.00 pm
Location: Ordnance Factory Trichy, Tiruchirappalli.
Report Completed by: B Praveen, II-B.Sc. Mathematics
30 students (II- B.Sc. Mathematics, III-B.Sc. Mathematics) attended with Professors

Introduction:

- Ordnance Factory Tricky is small arms factory operated by Advanced weapons and Equipment India Limited based in Trichy, which was previously part of OFB (Ordnance Factory Board) of Ministry of Defence, GOVT of India.

History:

- It was inaugurated on 3rd July 1966 by Prime minister of India (Indira Gandhi) and Production began in 1967. It need for too felt after Indo-Pakistani war of 1965.

Products:

- OFT started its Production with 9mm Carbines and now manufacturers arms ranging from 5.56 mm rifles to rocket launchers, shell launchers, grenade launchers, aviation armament etc..
- OFT mainly manufacturers for Indian Armed Forces, Central Armed Police Forces, State Armed Police Forces, special Forces of India, Paramilitary Forces of India.

Observation collected by us:

- We Saw old and new model guns. Firstly, I would like tell about old Ancient guns . They Exhibited guns before 2000 (between 1900-2000). All are made with metals. May be & that bullets were made by with Cow skin.lot of guns we were seen using used 1900-1999.
- Next I would like to tell about new model gun, missile, etc....
- It's very Pleasure moment for us. Because we seen lots of modern weapons.
- We seen modern weapon Marine area, it's Totally automatic. it's was awesome.
- Then we seen missiles used in military tanks. it's was too large.
- Then we seen very rare modern missile. It's called Grenade mission. We can target upto 400m. If we aim and shoot, it will demolish that area. But the gun is too small.
- lot of gun's are exhibited for us.

Conclusion:

- We were very excited to visit that place. It's very pleasure for us to Seen that place. C
- China are made / make weapons with Plastic, but our India we make / made weapons with metals.
- It is many very Pleasure for us, because modern weapons (2500 weapon Per Year Supplied by our Trichy, Tamil Nadu.

“Proud to be an Indian"

"Jai Hind"

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend

Seminar on Fractal Analysis and its Applications

Azadi Ka Amrit Mahotsav

(Under the aegis of DBT Star College Scheme)

at 10.00 a.m. on 16.12.2021

Target Audience : III UG Mathematics Students

Special Address : Dr.R.Uthayakumar
Professor of Mathematics
The Gandhigram Rural Institute
(Deemed to be University)
Gandhigram
Dindigul District, 624 302

Venue: LH- 11

Under the aegis of DBT Star College Scheme a Seminar on “Fractal Analysis and its Applications” was organized by PG and Research Department of Mathematics on 16.12.2021 for the benefit III year Under Graduate students of Mathematics. Dr.R.Uthayakumar ,Professor of Mathematics, The Gandhigram Rural Institute (Deemed to be University) Gandhigram, Dindigul was the Resource of person of this program. 47 students participated and they were highly benefitted out of this offline programme.

Omicron awareness phamblets were distributed among the public on 16.12.2021 in the presence of DBT Department Mentor Dr.R.Uthayakumar, Head (i/c) and Faculty members of the Department of Mathematics. 300 pamphlets were distributed in the TVS Tollgate. 30 Students from I B.Sc and II B.Sc., Mathematics came to Volunteer themselves for the distribution of Pamphlets.

OMICRON AWARENESS PHAMBLET

Omicron awareness phamblets were distributed among the public on 18.12.2021. 100 pamphlets were distributed in the Gandhinagar, Trichy and Middle School, Periyar Nagar. 40 Students from I B.Sc and II B.Sc., Mathematics came to Volunteer themselves for the distribution of Pamphlets.

Under the aegis of DBT Star College Scheme- An Outreach Activity, a program was organized by PG and Research Department of Mathematics in the topic “Activity Based Mathematics Learning” on 18.12.2021 by the UG Mathematics Students for the benefit of School Students at Panchayath Union Middle School, Gandhinagar, Trichy. Nearly, 30 students participated and benefitted out of this offline programme.

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in association with

Department of Biotechnology Govt. of India

Azadi Ka Amrit Mahotsav

Electronics & ICT Academy

Indian Institute of Technology Kanpur

An initiative of Ministry of Electronics & Information Technology (MeitY)
Ministry of Communications & IT, Govt. of India

Greetings from Department of Mathematics!

PG & Research Department of Mathematics (under DBT Star College Scheme), Jamal Mohamed College, Trichy in association with Electronics & ICT Academy, IIT Kanpur organize an Online Programming Quiz " SMART HACKS-2021-22" on 20.12.2021

About SMART HACKS – 2021-22

It's a 2 phases event.

- First Phase: An Online Programming Quiz Contest on C & C++. The scores of the same shall be shared with the student and college.
- Second Phase: Final phase will be Mega Finale at IIT Kanpur.

Details of the Event:

S.No	Event	Location	Who can participate	Duration	Dates
1	Online Quiz	College/ University	Students from all years	Online Quiz - 25 Mins No. of Questions - 35	College to finalize the dates
2	SMART HACKS-2021-22 – Mega Finals	IIT- Kanpur	Winners from all participating colleges	24 Hours Hackathon	As and when the conditions are favourable and IIT Kanpur administration permits to conduct of activities.

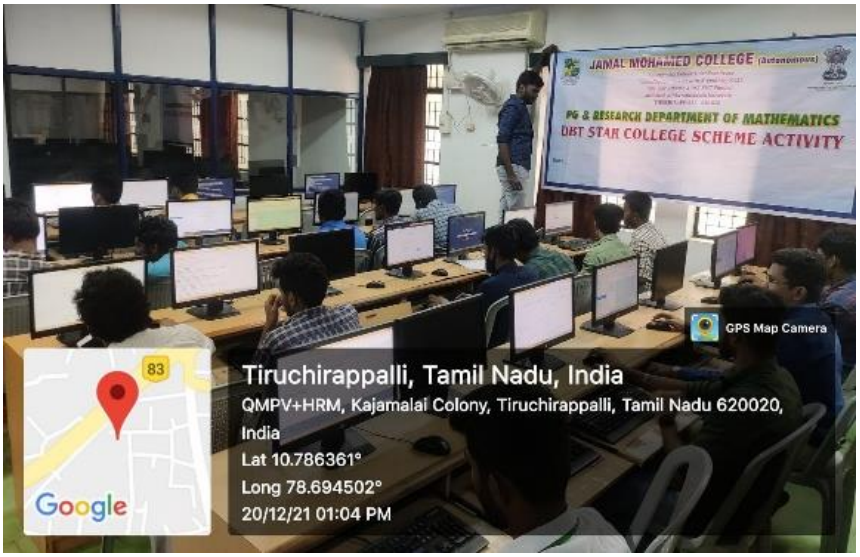
Interested students can register their names by clicking the link below:

https://forms.gle/NXwZAzrctAJVd2gy5

Last Date for registration: 17.12.2021 by 1.00 p.m.

Kindly check your registered email frequently for any update.

For further details please contact: 8438123172, 9976162422


JAMAL MOHAMED COLLEGE
PG & RESEARCH DEPARTMENT OF MATHEMATICS
DBT STAR COLLEGE SCHEME ACTIVITY
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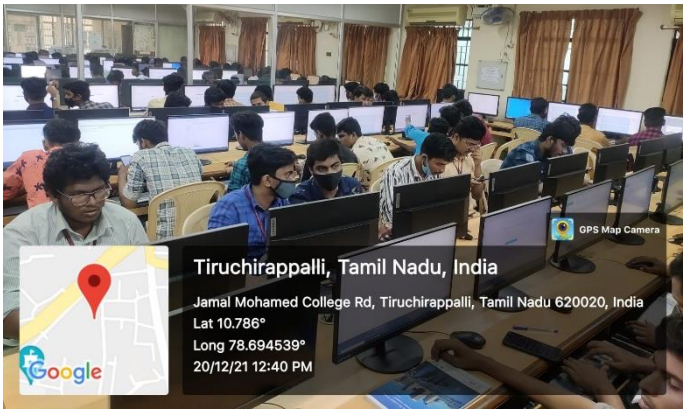
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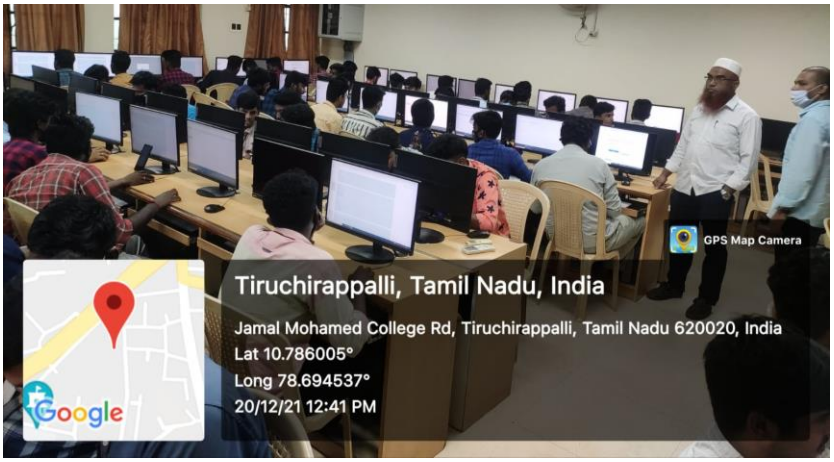
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Jamal Mohamed College Rd, Tiruchirappalli, Tamil Nadu 620020, India
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E & ICT Academy, IIT Kanpur

(A Joint Initiative of MeitY & IIT Kanpur)

CERTIFICATE

OF APPRECIATION

is awarded to

JAMAL MOHAMED COLLEGE (AUTONOMOUS)

We recognise your cooperation & sincere efforts to organise
the first round of SMART HACKS 2021

Prof. B. V. Phani — Prof. Amey Karkare

Chief Investigators, E & ICT Academy, IIT Kanpur

Date of Issue: 24-12-2021

System Identification No.: 42145-479757-7e395ed137e2a317

E & ICT Academy, IIT Kanpur

(A Joint Initiative of MeitY & IIT Kanpur)

CERTIFICATE

OF APPRECIATION

is awarded to

PRASANNA A

We recognise your cooperation & sincere efforts for organising
the first round of SMART HACKS 2021 at

JAMAL MOHAMED COLLEGE (AUTONOMOUS)

Prof. B. V. Phani — Prof. Amey Karkare

Chief Investigators, E & ICT Academy, IIT Kanpur

Date of Issue: 24-12-2021

System Identification No.: 42145-479732-c65e5d3e282d7794

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Azadi Ka Amrit Mahotsav

Electronics & ICT Academy

Indian Institute of Technology Kanpur

An initiative of Ministry of Electronics & Information Technology (MeitY)

Ministry of Communications & IT, Govt. of India

Greetings from Department of Mathematics!

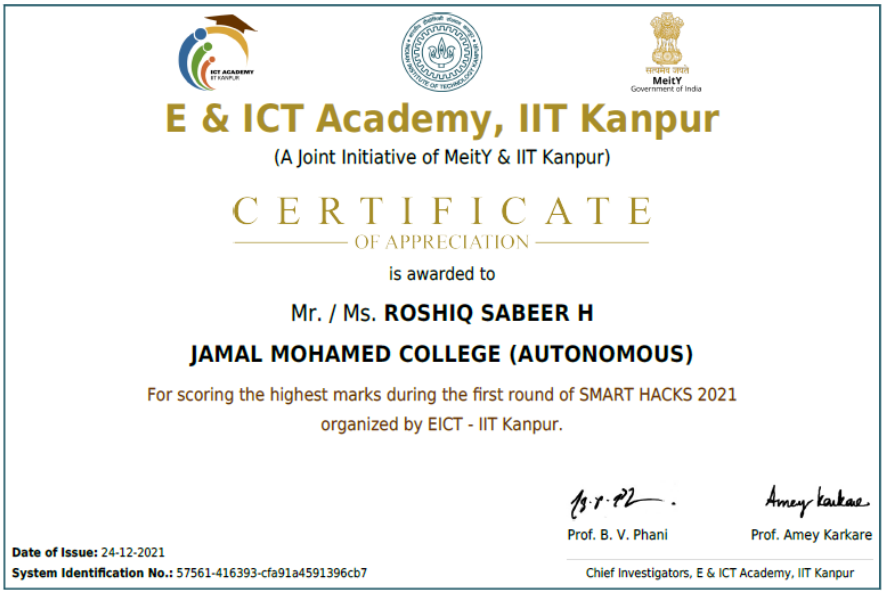
PG & Research Department of Mathematics (under DBT Star College Scheme), Jamal Mohamed College, Trichy in association with Electronics & ICT Academy, IIT Kanpur organize an Online Programming Quiz " SMART HACKS-2021-22" on 20.12.2021

NATIONAL LEVEL SMART HACKATHON SMART HACKS- 2021-

PHASE 1-RESULT

I am happy to inform you that, our College student Mr. H.Roshiq Sabeer (Reg No. 19US170), III B.Sc Computer Science- B is selected to participate in the final phase Quiz Programme, National Level Smart Hackathon Smart Hacks- 2021 which was organized by IIT Kanpur to be held at IIT Kanpur.

Our hearty congratulations to Mr. H.Roshiq Sabeer.



E & ICT Academy, IIT Kanpur

(A Joint Initiative of MeitY & IIT Kanpur)

CERTIFICATE

OF APPRECIATION

is awarded to

Mr. / Ms. **ROSHIQ SABEER H**

JAMAL MOHAMED COLLEGE (AUTONOMOUS)

For scoring the highest marks during the first round of SMART HACKS 2021 organized by EICT - IIT Kanpur.

Prof. B. V. Phani — Prof. Amey Karkare

Chief Investigators, E & ICT Academy, IIT Kanpur

Date of Issue: 24-12-2021

System Identification No.: 57561-416393-cfa91a4591396cb7

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

Azadi Ka Amrit Mahotsav

Training Programme on Trouble Shooting in Computers

(Under DBT Star College Scheme- An Inter Departmental Activity)

Resource Person

Mr. N. Mohamed Bayas
System Administrator
Jamal Mohamed College
Tiruchirappalli

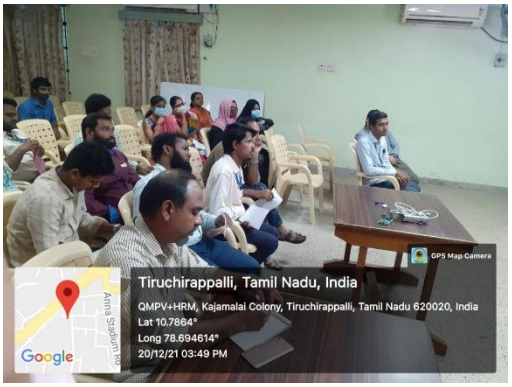
Date: 20-12-2021 **Time: 2.45 p.m.**

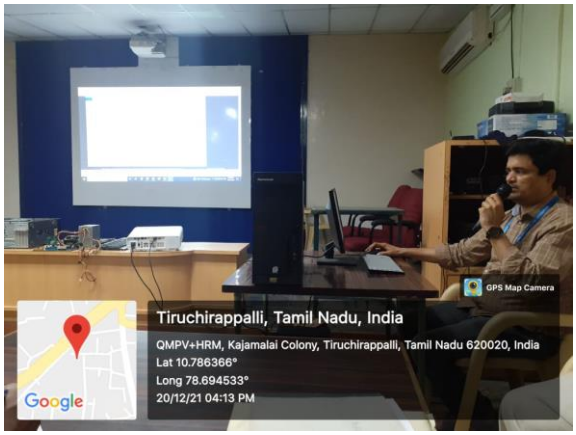
Target Audience: JMC – All Department Computer Lab Programmers

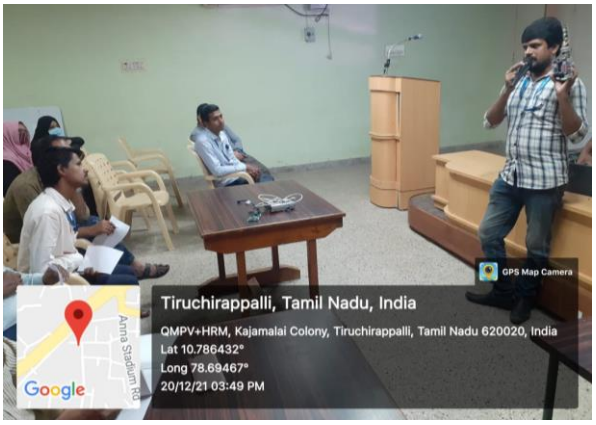
Venue: CS Seminar Hall

ALL ARE INVITED

Under the aegis of DBT Star College Scheme (An inter Departmental Activity), Training Programme on Trouble Shooting in Computers was organized by PG and Research Department of Mathematics on 20.12.2021 for the benefit of Supporting Staff of Jamal Mohamed College. Mr. N. Mohamed Bayas, System Administrator, Jamal Mohamed College, Tiruchirappalli was the Resource of person of this program. 23 Computer Lab Programmers and System Admin. participated and they were benefitted out of this offline programme.







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सत्यमेव जयते
Department of Biotechnology Govt. of India

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welcomes you all to attend

Special Lecture on Linearization Technique for nonlinear BVPs and Applications to Fluid flow problems

Azadi Ka Amrit Mahotsav

(Under the aegis of DBT Star College Scheme)

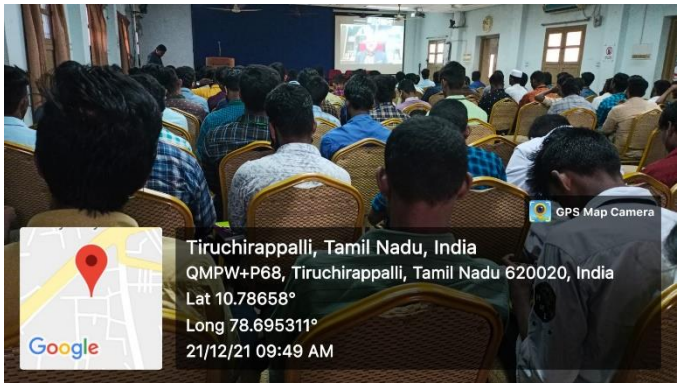
at 10.35 a.m. on 21.12.2021

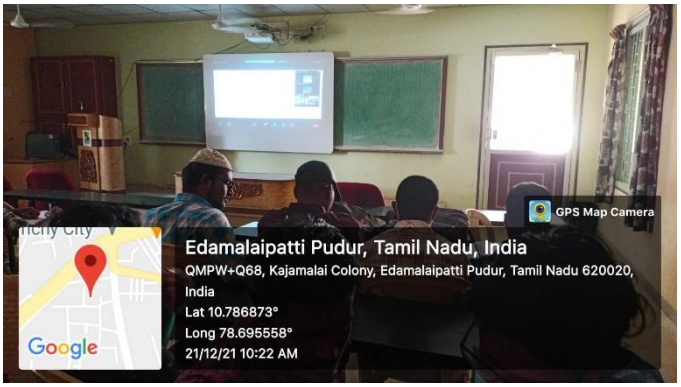
Special Address : Dr. Satyajit Roy, F.N.A.Sc
Professor
Department of Mathematics
Indian Institute of Technology Madras
Chennai-600036

Target Audience : UG Mathematics Students

Venue: Hussainudeen Hall (Blended Mode)

Under the aegis of DBT Star College Scheme a Special Lecture Programme was organized by PG and Research Department of Mathematics on 21.12.2021 for the benefit of Under Graduate students of Mathematics. Dr. Satyajit Roy, F.N.A.Sc, Professor, Department of Mathematics, Indian Institute of Technology Madras, Chennai-600036 gave a talk on Linearization Technique for nonlinear BVPs and Applications to Fluid flow problems. 125 students participated (class presentees) and they were highly benefitted out of this programme.





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PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend

Special Lecture on Partial Differential Equations and their applications

Azadi Ka Amrit Mahotsav

(Under the aegis of DBT Star College Scheme)

at 2.20 p.m. on 21.12.2021

Special Address : **Prof. R. Sahadevan**
Former Director and Head
Former UGC Emeritus Fellow
Ramanujam Institute for Advanced Study in Mathematics
University of Ma

dras

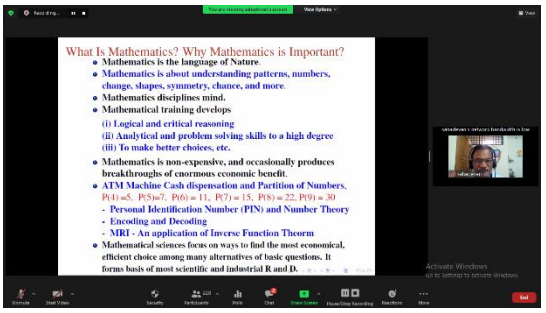
Chepauk, Chennai – 600 005

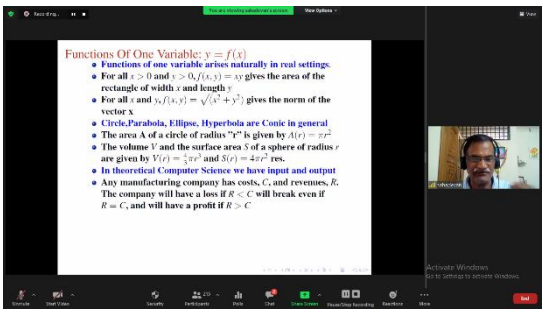
Target Audience : UG Mathematics Students

Venue: Online

Under the aegis of DBT Star College Scheme a Special Lecture Programme was organized by PG and Research Department of Mathematics.

On 21.12.2021, session was taken by Prof. R. Sahadevan on “Partial Differential Equations and their applications” between 2.20 pm – 5.05 pm. Earlier Dr.U. Abuthahir, Assistant Professor in Mathematics welcomed the Resource person. Finally, Dr.M.A. Rifayathali, Assistant Professor in Mathematics proposed vote of thanks. 125 students participated (class presentees) and they were highly benefitted out of this online programme.





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PG & RESEARCH DEPARTMENT OF MATHEMATICS

Azadi Ka Amrit Mahotsav

To commemorate National Mathematics Day

welcomes you all to attend

Special Lecture on Applications of Linear Differential Equations

(Under the aegis of DBT Star College Scheme)

at 10.30 a.m. on 22.12.2021

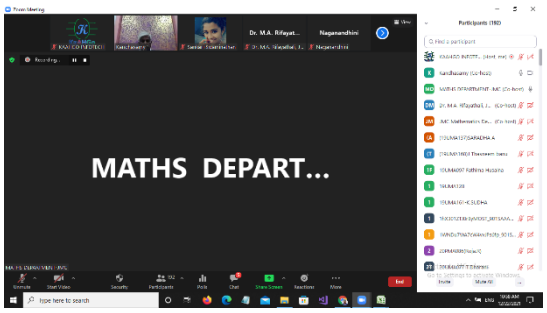
Special Address : **Dr. P. Kandaswamy, F.N.A.Sc.,**
Professor & Head (Rtd.)
Bharathiar University
Coimbatore – 641 046

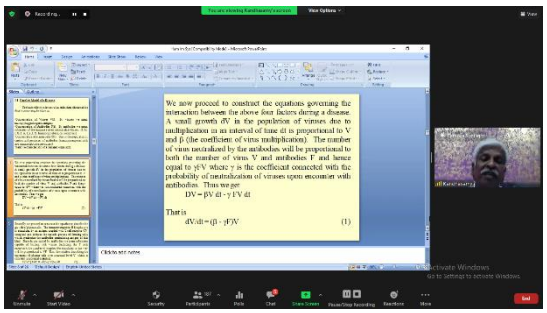
Target Audience : II UG Mathematics Students

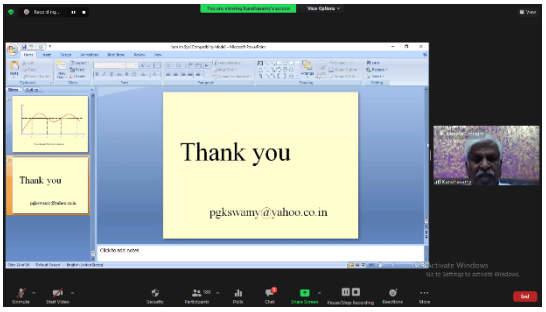
Venue: Online

Under the aegis of DBT Star College Scheme, To commemorate National Mathematics Day, a Special Lecture Programme was organized by PG and Research Department of Mathematics.

On 22.12.2021, lecture was given in the forenoon session by Dr. P. Kandaswamy on Applications of Linear Differential Equations between 10.30 am – 12.45 pm. Earlier Dr.M.Mohammed Jabarulla, Assistant Professor in Mathematics welcomed the Resource person. Finally, Dr.S.Mohamed Yusuff Ansari, Assistant Professor in Mathematics proposed vote of thanks. 53 II B.Sc. students participated (class presentees) and they were highly benefitted out of this online programme.







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PG & RESEARCH DEPARTMENT OF MATHEMATICS

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To commemorate National Mathematics Day

welcomes you all to attend

Special Lecture on Nonlinear Differential Equations

(Under the aegis of DBT Star College Scheme)

at 2.00 p.m. on 22.12.2021

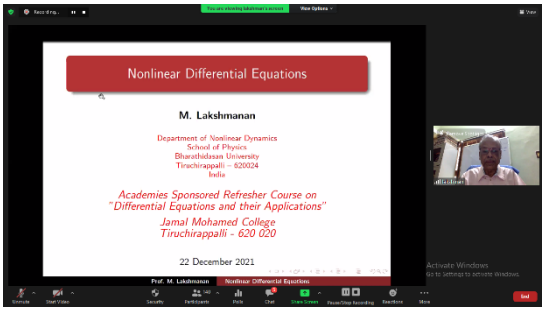
Special Address : **Prof. M. Lakshmanan**
F.N.A.Sc., F.A.Sc., F.N.A., FTWAS
Professor of Eminence &
DST – SERB National Science Chair
Department of Nonlinear Dynamics
School of Physics
Bharathidasan University
Tiruchirappalli – 620024

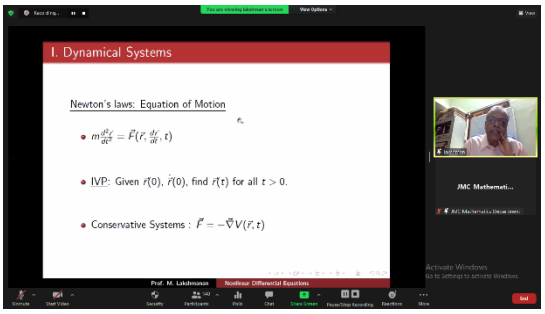
Target Audience : II UG Mathematics Students

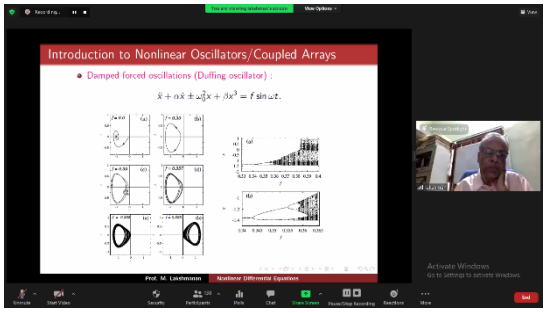
Venue: Online

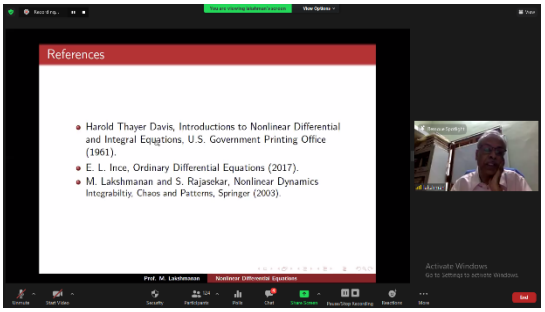
Under the aegis of DBT Star College Scheme, To commemorate National Mathematics Day, a Special Lecture Programme was organized by PG and Research Department of Mathematics.

On 22.12.2021, Prof. M. Lakshmanan gave lecture 'Nonlinear Differential Equations" 2.00 pm to 4.45 pm. Earlier Dr.P. Murugannatham, Assistant Professor in Mathematics welcomed the Resource person. Finally, Mr.N.Mohamed Thoiyab, Assistant Professor in Mathematics proposed vote of thanks. 53 II B.Sc. students (class presentees) participated and they were highly benefitted out of this online programme.



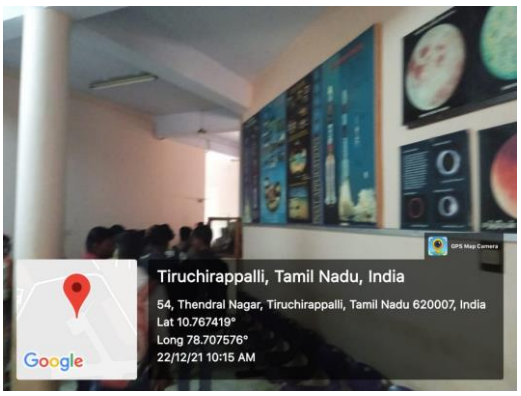






Field Visit

Date: 22/12/2021 **Time:** 10 a.m.
Location: Anna Science Centre- Planetarium, Tiruchirappalli.
50 students (I- B.Sc. Mathematics) attended with a Professor



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PG & RESEARCH DEPARTMENT OF MATHEMATICS
&
INTERNAL QUALITY ASSURANCE CELL

Azadi Ka Amrit Mahotsav

Jointly organize

One Week Faculty Development Programme on

ICT Tools for E-content Development

(Under DBT Star College Scheme)

Date: 24.01.2022 to 29.01.2022 **Time: 9.30 a.m. to 1.00 p.m.**

The Inauguration starts at 9.30 a.m.

on Monday, 24th January 2022 in I.T. Seminar Hall

In the presence of

Janab. M. J. Jamal Mohamed Bilal, President
Dr. A. K. Khaja Nazeemudeen, Secretary & Correspondent
Hajee. M.J. Jamal Mohamed, Treasurer
Dr.K.Abdus Samad, Assistant Secretary

Welcome Address : **Dr.R.Jahir Hussain,** HOD (i/c) of Mathematics

Presidential Address : **Dr. S. Ismail Mohideen**
Principal

Special Address : **Dr. A. Vimal Jerald**
Assistant Professor of Computer Science
St. Joseph's College (Autonomous)
Tiruchirappalli

Felicitations :

Dr. A. K. Khaja Nazeemudeen
Secretary & Correspondent

Hajee. M.J. Jamal Mohamed
Treasurer

Dr.K.Abdus Samad
Assistant Secretary

Dr. K. N. Abdul Kader Nihal
Member & Hon. Director

Dr. A. Mohamed Ibraheem
Vice Principal

Dr. M.Mohamed Sihabudeen
Additional Vice Principal

Dr. K. N. Mohamed Fazil
Director-Hostel Administration

Ms. J.Hajira Fathima
Director-Women Hostel

Vote of Thanks : **Dr. A. Nagoorgani,** Associate Professor of Mathematics

All are invited

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PG & RESEARCH DEPARTMENT OF MATHEMATICS
DBT STAR COLLEGE SCHEME ACTIVITY
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
Jamal Mohamed College Rd, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.78596°
Long 78.694498°
24/01/22 10:08 AM
Google

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DBT STAR COLLEGE SCHEME ACTIVITY
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GPS Map Camera
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PG & RESEARCH DEPARTMENT OF MATHEMATICS
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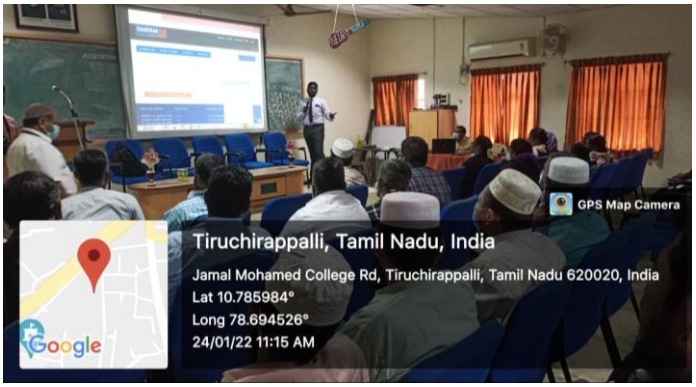
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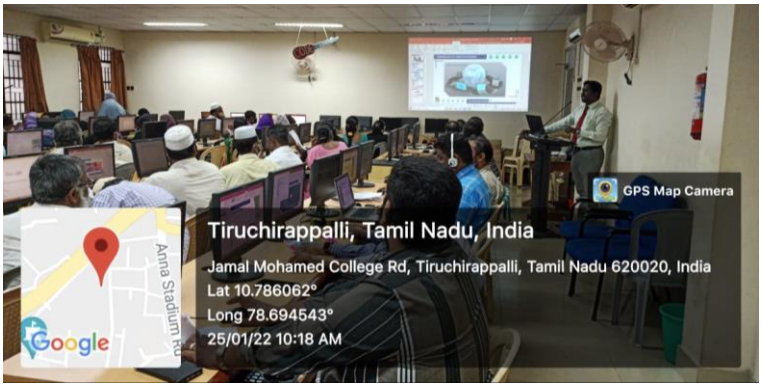
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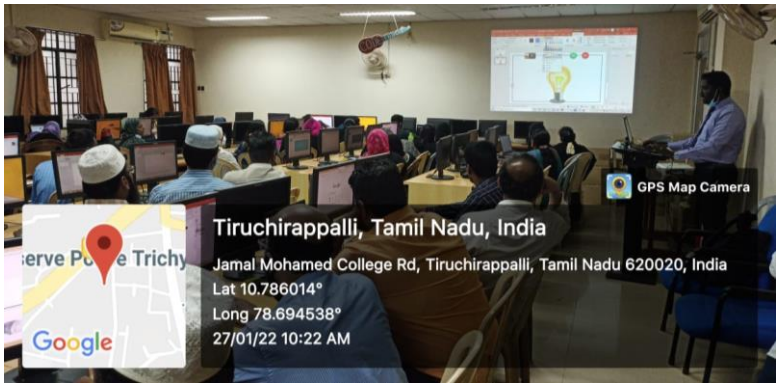
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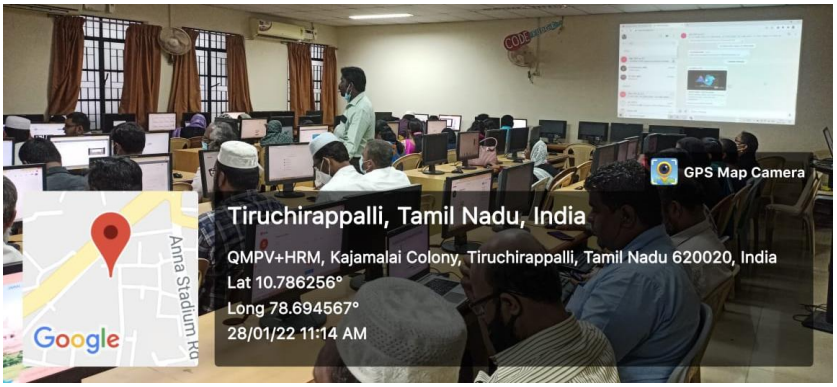
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Google
Anna Stadium Rd

GPS Map Camera
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QMPV+HRM, Kajamalai Colony, Tiruchirappalli, Tamil Nadu 620020, India
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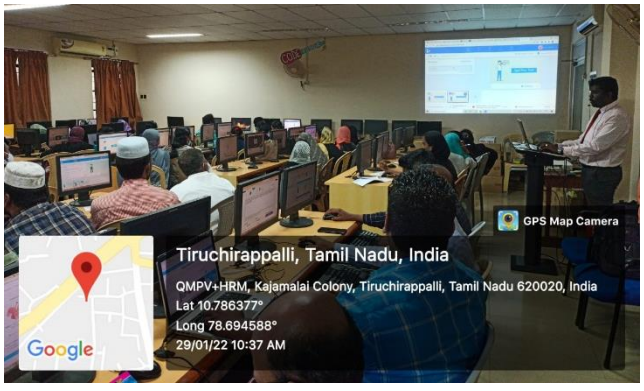
Google
Anna Stadium Rd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QMPV+HRM, Kajamalai Colony, Tiruchirappalli, Tamil Nadu 620020, India
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PG & RESEARCH DEPARTMENT OF MATHEMATICS
&
INTERNAL QUALITY ASSURANCE CELL
Jointly organize

Azadi Ka Amrit Mahotsav

One Week Faculty Development Programme on ICT Tools for E-content Development (Under DBT Star College Scheme)

Date: 24.01.2022 to 29.01.2022 **Time: 9.30 a.m. to 1.00 p.m.**

Resource Person : **Dr. A. Vimal Jerald**
Assistant Professor of Computer Science
St. Joseph's College (Autonomous)
Tiruchirappalli

The Valediction starts at 11.30 a.m.

on Saturday, 29th January 2022 in I.T. Seminar Hall

In the presence of

Janab. M. J. Jamal Mohamed Bilal, President
Dr. A. K. Khaja Nazeemudeen, Secretary & Correspondent
Hajee. M.J. Jamal Mohamed, Treasurer
Dr.K.Abdus Samad, Assistant Secretary

Welcome Address : **Dr.A.Mohamed Ismayil**
Associate Professor of Mathematics &
Coordinator, DBT Star College Scheme

Feedback from the Participants

Special Address : **Dr. A. Mohamed Ibraheem**
Vice Principal
Jamal Mohamed College
Tiruchirappalli

Felicitations :

Dr. A. K. Khaja Nazeemudeen
Secretary & Correspondent

Hajee. M.J. Jamal Mohamed
Treasurer

Dr.K.Abdus Samad
Assistant Secretary

Dr. K. N. Abdul Kader Nihal
Member & Hon. Director

Dr. M.Mohamed Sihabudeen
Additional Vice Principal

Dr. K. N. Mohamed Fazil
Director-Hostel Administration

Ms. J.Hajira Fathima
Director-Women Hostel

Dr. R. Jahir Hussain
Head (i/c), Dept. of Mathematics

Vote of Thanks : **Dr. A. Nagoorgani,** Associate Professor of Mathematics

JAMAL MOHAMED COLLEGE (Autonomous)
PG & RESEARCH DEPARTMENT OF MATHEMATICS
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
Jamal Mohamed College Rd, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.785958°
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Google

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PG & RESEARCH DEPARTMENT OF MATHEMATICS
GPS Map Camera
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Jamal Mohamed College Rd, Tiruchirappalli, Tamil Nadu 620020, India
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Google

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PG & RESEARCH DEPARTMENT OF MATHEMATICS
GPS Map Camera
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Jamal Mohamed College Rd, Tiruchirappalli, Tamil Nadu 620020, India
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JAMAL MOHAMED COLLEGE (Autonomous)
PG & RESEARCH DEPARTMENT OF MATHEMATICS
GPS Map Camera
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GPS Map Camera
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Jamal Mohamed College Rd, Tiruchirappalli, Tamil Nadu 620020, India
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Google

ASSOCIATION
JAMAL MOHAMED COLLEGE (Autonomous)
PG & RESEARCH DEPARTMENT OF MATHEMATICS

PG & Research Department of Mathematics under the aegis of DBT Star College Scheme organized a one week Online Faculty Development Programme on ICT Tools for E-content Development from 24.01.2022 to 29.01.2022 at I.T Seminar Hall, Jamal Mohamed College.
Dr. A. Vimal Jerald, Assistant Professor of Computer Science, St. Joseph's College (Autonomous), Tiruchirappalli acted as the Resource Person and deliberated on various topics in connection with the preparation of e- Content. In the sessions held over a week, the resource person covered the Fundamentals of e-Content preparation using PPT, Clock needle animation, Video creation using screen recorders, Screencast-o-matic, Freecam tool and OBS Software. Totally 74 faculty members from the Department of Mathematics and Computer Science were benefitted out of this programme.

List of 56 E-contents:

Name of the Participant	Department	E-content Link (Google Drive Link or YouTube Link)
Mohamed Abu Backer Sidhik	Arabic	https://www.youtube.com/watch?v=QuWQxnuhCVk
B SHAFINA BANU	Mathematics	https://youtu.be/Q9RDq6iSzzU
Dr.S.VAAHEEDHA KFATHEEN	COMPUTER SCIENCE	https://youtu.be/z3kPaVEFbBo
Mr.M.RIYAZ MOHAMMED	COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	https://youtu.be/aywnQiu7WJY
S.PRABHAVATHI	Computer Science & IT	https://youtu.be/dUVPVb6rjc4
Dr. K. S. KANZUL FATHIMA	Mathematics	https://youtu.be/Rz76sPzWDOw
A FATHIMA BEGAM	Mathematics	https://youtu.be/l3rFTRgbHWE
M.S. AFYA FARHANA	Mathematics	https://drive.google.com/file/d/10r_DWYrQFvL7zdPENu3oAuTnFt1ubB6e/view?usp=drivesdk
K A USAIF AHAMED	Computer science	https://youtu.be/LaH3mFluSmg
A.BASHEER AHAMED	Computer Science	https://youtu.be/orV-2GnRyOc
Mrs. A.THAGASIN BANU	MATHEMATICS	https://youtu.be/6oL_DQKq3MI
R.SENTHAMIL SELVI	COMPUTER APPLICATIONS	https://drive.google.com/file/d/1jcyszHR-8coIUo8IAlMlAgMKLjB4buuT/view?usp=sharing
M.RENUKA	COMPUTER APPLICATION	https://youtu.be/LI4TR9gcK8s
Dr. S. ABDUL SALEEM	Computer Science	https://youtu.be/ivl4RugLEFE
B Mohammed Faize Basha	Computer Applications	https://youtu.be/TgWflbUoPZk
S.RASHEED MANSOOR ALI	Computer Applications	https://youtu.be/FGqA-0d1tLM
M. Riyaz Mohammed	Computer Science	https://youtu.be/aywnQiu7WJY
N.NAGOOR MEERA	Computer Science	https://www.youtube.com/watch?v=PFm5jwO6XhE
Mrs.R.SHAHIN	Mathematics	https://youtu.be/wg1PfE686go
Dr. S. MOHAMED ILIYAS	Computer Science	https://youtu.be/Hom2_TW021Q

Name of the Participant	Department	E-content Link (Google Drive Link or YouTube Link)
S.SHARMILA BANU	Mathematics	https://youtu.be/g84Gf5N0w1c
Mrs.A.NAFIU NISHA	Mathematics	https://youtu.be/rUsrv0pYP5M
KRISHNAN V	Mathematics	https://youtu.be/b8aHkw8hOXo
Mr. K. Mohamed Arif Khan	Computer Applications	https://youtu.be/1eyFBTxuJvw
Dr. S. SHAJITHA BEGUM	Mathematics	https://youtu.be/uEtQ4NaqRoo
Dr.A.Prasanna	Mathematics	https://www.youtube.com/watch?v=0UsdwQfnETw
Mr. S. PEERBASHA	Computer Applications	https://youtu.be/aZJLa_Bjw-Y
S. MUNAWARA BANU	COMPUTER APPLICATIONS	https://youtu.be/gZukonFJmgE
Dr. M.A. RIFAYATHALI	Mathematics	https://youtu.be/k_9StjDhBWw
K ANWAR SATHIK	Computer Applications	https://drive.google.com/file/d/16lYCVhU5JLahSptetcZXS51SKiJadeoV/view?usp=sharing
Dr K NAFEES AHMED	Computer Science	https://youtu.be/jIE-6dcbD5A
Dr Mozibur Raheman Khan	computer applications	https://drive.google.com/file/d/1vE5KObP0IS_rfDn7qrJYlW-rFEMsUT3u/view?usp=sharing
S HAIRUNBEE	Mathematics	https://youtu.be/Zu_F8c4P9DA
Y.MOHAMMED IQBAL	COMPUTER APPLICATIONS	https://youtu.be/UaOqGxHl6ls
Dr. M. MOHAMED ALTHAF	Mathematics	https://youtu.be/Ec-AS98Qxlc
M.SABIKA FURVIN	Mathematics	https://youtu.be/OrY1qFbd0rM
Dr. U. ABUTHAHIR	Mathematics	https://drive.google.com/file/d/1dUhk74a_cNO1Cd4tfdduAqIfBfAs1KB_/view?usp
B. DIANA	Computer Science	https://automate.video/null_c77137ff?hideScript=true
K.M.Akbar Badhusha	Computer science	https://youtu.be/6eXjWtycOW8
LT. J. HAJIRAM BEEVI	COMPUTER APPLICATIONS	https://youtu.be/NF799QdPDAA
Dr. S. MOHAMED YUSUFF ANSARI	Mathematics	https://drive.google.com/file/d/1sriirQKCvdH8UWmTVj-Irtmt9HP7bogs/view?usp=sharing
A.Reigana Begum	Mathematics	https://youtu.be/ki_Q0iYoscM
M.AFFROSE BEGUM	MATHEMATICS	https://youtu.be/UwvhfupHBKk
J. FATHIMA	Computer	https://youtu.be/0CzD6Ine3bQ

Name of the Participant	Department	E-content Link (Google Drive Link or YouTube Link)
FOUZIA	Science & IT (SF)	
A. SUMAIYA	Computer Science	https://youtu.be/ngIfNRQpnBM
Mrs. A. ZULIGHA SHAFANA	DEPARTMENT OF COMPUTER APPLICATIONS	https://youtu.be/sIIC7PyGRLk
J Sahitha Banu	Computer Science	https://youtu.be/PtJvCL7rHww
Z.HARITH AHAMED	Computer Applications	https://drive.google.com/file/d/1KoOMqL0jMy5sAlPNWuTgKITXXmIu8HD6/view?usp=sharing
Dr. S. A. JAMEEL	COMPUTER SCIENCE & IT	https://youtu.be/PnWzW0yIW_s
Z.SIRAJUNISHA	Marthematics	https://youtu.be/DRTnzq6ujeU
A U SHABEER AHAMED	Computer Applications	https://youtu.be/LwJD_8RgXEE
ZUNAITHA SULTHANA AMS	Computer Science & IT	https://youtu.be/sJt7rc0brWU
B. DIANA	COMPUTER SCIENCE & IT	https://youtube.com/watch?v=e6LtOW_sTHM&feature=share
S.TAMIL FATHIMA	COMPUTER APPLICATIONS	https://youtu.be/cGIN-Z8LKNY
K.MOHAMED ARIF KHAN	COMPUTER APPLICATIONS	https://youtu.be/1eyFBTxuJvw
Z.HARITH AHAMED	COMPUTER APPLICATIONS	https://drive.google.com/file/d/1KoOMqL0jMy5sAlPNWuTgKITXXmIu8HD6/view?usp=sharing

Jamal Mohamed College, Trichy-20

PG & Research Department of Mathematics

Visit to PSGR Krishnammal College for Women, Coimbatore on 09.02.2022

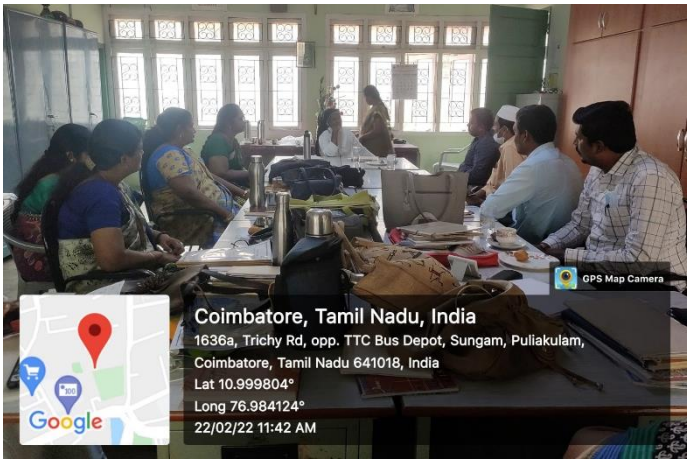
We, the staff members from PG & Research Department of Mathematics (Dr.R.Jahir Hussain, Mr.N.Mohamed Thoiyab, Dr.A.Prasanna and Dr.M.Mohamed Althaf) were visited Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore at 11.30 a.m. on 09.02.2022 to strengthen our Department DBT Star College Scheme Activities.

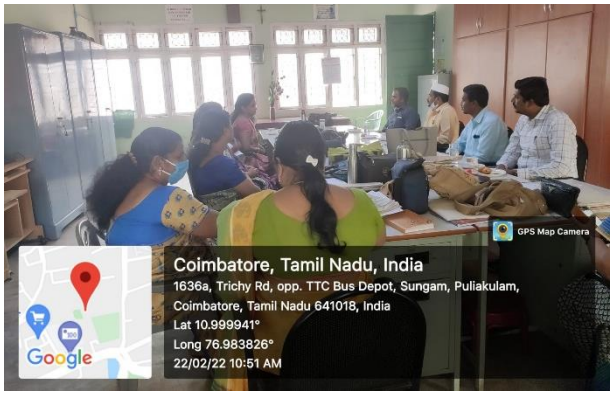
Jamal Mohamed College, Trichy-20

PG & Research Department of Mathematics

Visit to Nirmala College for Women, Coimbatore on 22.02.2022

We, the staff members from PG & Research Department of Mathematics (Dr.A.Mohamed Ismayil, Dr.A.Prasanna, Dr. U. Abuthahir and Dr.M.Mohamed Althaf) were visited Department of Mathematics, Nirmala College for Women, Coimbatore at 10.30 a.m. on 22.02.2022 to strengthen our Department DBT Star College Scheme Activities.





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UNIVERSITY OF DELHI

in collaboration with

PG & RESEARCH DEPARTMENT OF MATHEMATICS

(Under DBT Star College Scheme)
JAMAL MOHAMED COLLEGE (Autonomous)
TIRUCHIRAPPALLI, TAMIL NADU

under the aegis of
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
Ministry of Education

are organizing

ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON

DATA ANALYTICS & MATHEMATICAL SOFTWARE TOOLS

FEBRUARY 25 – MARCH 03, 2022

FOR REGISTRATION **VISIT rcmoocs.in**

SELF PACED | NO NOC REQUIRED | BENEFICIAL FOR CAS | E-CERTIFICATION

SCHEDULE

FACULTY DEVELOPMENT PROGRAMME ON

DATA ANALYTICS & MATHEMATICAL SOFTWARE TOOLS

February 25 - March 03, 2022

<table>
<tr><th colspan="4">Day 1: February 25, 2022 (Friday)</th></tr>
<tr><td colspan="2">INAUGURAL SESSION
LIVE : 3.00 PM ONWARDS

CHIEF GUEST
Prof. H. C. Taneja
Department of Applied Mathematics
Delhi Technological University</td><td>LIVE SESSION 04.00 PM – 05.00 PM

Prof. H. C. Taneja
Department of Applied Mathematics
Delhi Technological University</td><td>PRE-RECORDED SESSION
MATHEMATICA

Prof. Suruchi Singh
Aditi Mahavidyalaya
University of Delhi</td></tr>
<tr><th colspan="4">Day 2: February 26, 2022 (Saturday)</th></tr>
<tr><td colspan="4">PRE-RECORDED SESSION
PYTHON

Prof. Bala Prakash Rao Killi, National Institute of Technology, Warangal</td></tr>
<tr><th colspan="4">Day 3: February 28, 2022 (Monday)</th></tr>
<tr><td colspan="4">PRE-RECORDED SESSION
LATEX

Dr. Virendra Kumar, Ramanujan College, University of Delhi</td></tr>
<tr><th colspan="4">Day 4: March 01, 2022 (Tuesday)</th></tr>
<tr><td colspan="4">PRE-RECORDED SESSION
MATLAB

Prof. Bala Prakash Rao Killi, National Institute of Technology, Warangal</td></tr>
<tr><th colspan="4">Day 5: March 02, 2022 (Wednesday)</th></tr>
<tr><td colspan="2">PRE-RECORDED SESSION
R SOFTWARE : AN INTRODUCTION

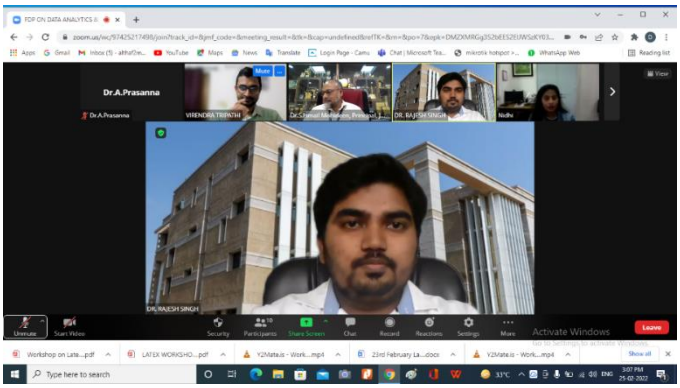
Dr. Rajesh Singh
Ramanujan College, University of Delhi</td><td colspan="2">PRE-RECORDED SESSION
MATHEMATICS USING EXCEL

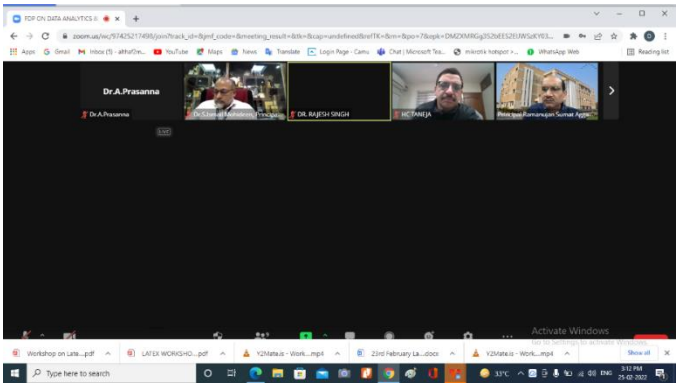
Prof. Satish Verma
SGTB Khalsa College, University of Delhi</td></tr>
<tr><th colspan="4">Day 6: March 03, 2022 (Thursday)</th></tr>
<tr><td>PRE-RECORDED SESSION
Web Tools for Mathematics

Dr. Rajesh Singh
Ramanujan College
University of Delhi</td><td>PRE-RECORDED SESSION
Mathematical Software: Some Hidden Tools

Dr. Deepakshi Sharma
Ramanujan College
University of Delhi</td><td>PRE-RECORDED SESSION
Research Tools

Dr. Rajesh Singh &
Dr. Virendra Kumar
Ramanujan College
University of Delhi</td><td>VALEDICTORY SESSION</td></tr>
</table>


Dr.A.Prasanna
DR. RAJESH SINGH
Activate Windows


Dr.A.Prasanna
DR. RAJESH SINGH
HC TANEJA
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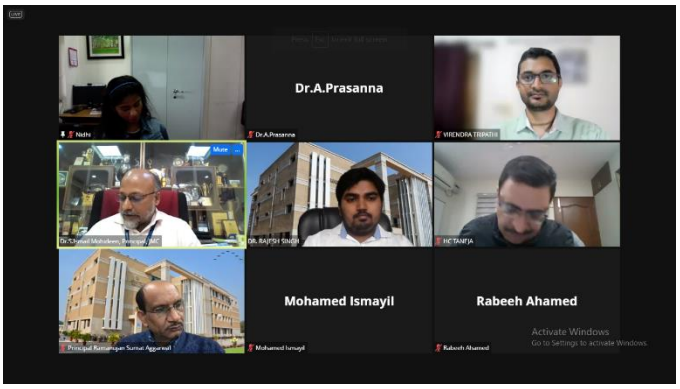
Dr.A.Prasanna
Mohamed Ismayil
Rabeeh Ahamed
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Dr.S.Ismail Moh...
Nidhi

DAY 1 (FEBRUARY 25, 2022)

Inauguration

Prof. H.C. Taneja, Department of Applied Mathematics, Delhi Technological University (Chief Guest)
Prof. S.P. Aggarwal, Principal, Ramanujan College, University of Delhi
Dr. S. Ismail Mohideen, Principal, Jamal Mohamed College, Tiruchirappallli, Tamil Nadu
Dr. Rajesh Singh (Programme Convener)
Dr. R. Jahir Hussain (Programme Convener)
Dr. Virendra Tripathi (Programme Co-Convener)
All the faculty members of the Department of Mathematics of Ramanujan College, University of Delhi and Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu
Participants joined via YouTube streaming of the college.

Session 1: Link for the inaugural session:

https://www.youtube.com/watch?v=MEtXBWDyv5k

Session 2: Markov Chain and its Applications

Abstract: This live session started with the introduction to Stochastic Process. Then the concept of Markov chain explained. A Markov chain or Markov process is a stochastic model describing a sequence of possible events in which the probability of each event depends only on the state attained in the previous event. Markov Chain discuss in various distributions. Many examples like Gambling Problem, Golf Ball Problem, etc.

Resource Person: Prof. H.C. Taneja,
Professor in Applied Mathematics
Department of Applied Mathematics,
Delhi Technological University
Delhi – 110 042

Link of the Lecture:
https://www.youtube.com/watch?v=MEtXBWDyv5k

Session 3: MATHEMATICA

Abstract:
This video lecture discussed the basics of the software MATHEMATICA. Using the free online version of MATHEMATICA, plotting of 2D, 3D, polar and parametric curves, manipulate command, finding limit, differentiation and integration of functions, solving differential equations, operations on matrices, vectors, simple programming skills and applications of these in writing simple programs in Numerical Analysis is discussed. Detailed explanations of various programs using MATHEMATICA like tables, manipulating commands, parametric curves, plotting polar coordinates, 3D Plots, etc. Finally the session ended after the discussion on use of MATHEMATICA in First order Differential Equations, Second order Differential Equations, Initial Value Problems, etc.

Resource Person: Prof. Suruchi Singh
Aditi Mahavidyalaya
University of Delhi
Delhi – 110 039

Link of the Lecture:
https://www.youtube.com/watch?v=3WC07758IFo
https://www.youtube.com/watch?v=GXb5wkQg0eM
https://www.youtube.com/watch?v=DHImfNWGCrg

DAY 2 (FEBRUARY 26, 2022)

Session 1: PYTHON

Abstract:
This video lecture is of 8 parts. In the first part of the video lecture describes how to start python coding and also provide the information about the various platforms where one can write and execute the python codes. In the video python Identifiers, Keywords, Variables, operations, few built-in functions for converting from one number system to other system are explained. The second part is of: Python has 4 built-in data structures that can be used to hold a collection of objects, they are list, tuple, set, and dictionary. They can be distinguished into mutable, immutable, set type, and mappings respectively. Lists are ordered mutable sequences that can be changed after they have been created by adding, removing, or changing objects. Lists can be declared by using square brackets "[ ]" following the variable name. It is one of the most used datatype in Python and is very flexible. The next part is as follows, A program's control flow is the order in which the program's code executes. The control flow of a Python program is regulated by conditional statements, loops, and function calls. In this video the Control flow statements: If, else, elseif Loops: For, while are explained. A function is a set of statements that take inputs, do some specific computation and produce output. The idea is to put some commonly or repeatedly done tasks together and make a function so that instead of writing the same code again and again for different inputs, we can call the function. Functions that readily comes with Python are called built-in functions. Python provides built-in functions like print (), etc. but we can also create your own functions. These functions are known as user defines functions. In this video the lambda functions, map and filter functions with lambda function are explained. NumPy is an open-source numerical Python library. NumPy contains a multi-dimensional array and matrix data structures. It can be utilised to perform a number of mathematical operations on arrays such as trigonometric, statistical, and algebraic routines. NumPy is a Python library used for working with arrays. It also has functions for working in domain of linear algebra, fourier transform, and matrices. NumPy was created in 2005 by Travis Oliphant. NumPy stands for Numerical Python. In this video the Numpy library for efficient storage, loading, manipulation of numerical data is explained. SymPy is a Python library for symbolic mathematics. It aims to become a full-featured computer algebra system (CAS) while keeping the code as simple as possible in order to be comprehensible and easily extensible. SymPy is written entirely in Python. In this video the Sympy library for symbolic mathematics is explained. Pandas is a Python library used for working with data sets. It has functions for analyzing, cleaning, exploring, and manipulating data. The

name "Pandas" has a reference to both "Panel Data", and "Python Data Analysis" and was created by Wes McKinney in 2008. Pandas allows us to analyze big data and make conclusions based on statistical theories. Pandas can clean messy data sets, and make them readable and relevant. Relevant data is very important in data science. In this video the Pandas library for data pre-processing is explained.

Resource Person: Prof. Bala Prakash Rao Killi
Professor
Department of Computer Science & Engineering
National Institute of Technology Warangal
Telangana – 506 004

Link of the Lecture:
https://youtu.be/hFmD-tCrYOo
https://youtu.be/CTUVsp4OBYg
https://youtu.be/0XUtUtKMDpI
https://youtu.be/eDR_OVFhRcs
https://youtu.be/80eZAFlp-7Q
https://youtu.be/HARDnirRilA
https://youtu.be/YX-ap-AT3EU
https://youtu.be/FEsgZMhseCw

DAY 3 (FEBRUARY 28, 2022)

Session 1: LATEX

Abstract:
In session 1 of day 3 the video lecture of introduction to LaTeX in which the download and installation process are explained. How to use LaTeX both online and offline uses are also discussed in the first part of the video lecture. Producing/typesetting a simple document in LaTeX is explained. Typesetting a Scientific document is described. Adding title, author name, sections, equation numbers, references and their citation, acknowledgement, cross checking the citations, including graphics into document, geometry package and margin setting etc. are all explained. Use of online platform www.overleaf.com is also shown.

Resource Person: Dr. Virendra Kumar
Assistant Professor
Department of Mathematics
Ramanujan College,
University of Delhi
Delhi – 110 019

Link of the Lecture:
https://youtu.be/zrPLMjInudI
https://youtu.be/iWZZDRU8kQw
https://youtu.be/9FuPz9Mlhms
https://youtu.be/s3o_1Rj53Sg
https://youtu.be/-LO3vgIgSOI

DAY 4 (March 1, 2022)

Session 1: MATLAB

Abstract:
The lecture began with how to start using the trial version of MATLAB, download and installation in PC are explained. Creating various types of variables and their structures (size and types) are introduced. Different types of data types supported in MATLAB, saving values in variables and using them in computations, removing variables and commands from MATLAB widows, controlling output and basic operation, logical statements and operators in MATLAB are also explained. Creating matrices and matrix operations are also described.

Resource Person: Prof. Bala Prakash Rao Killi
Professor
Department of Computer Science & Engineering
National Institute of Technology Warangal
Telangana – 506 004

Link of the Lecture:
https://youtu.be/xtAGseo_zBA
https://youtu.be/ChIP_egjGHg
https://youtu.be/BoEIaF715HA
https://youtu.be/biIev2hKGzI
https://youtu.be/mZYoPzpMff4
https://youtu.be/ruXp4QEeHgo
https://youtu.be/bDt8Kjvx4FU

DAY 5 (March 2, 2022)

Session 1: R Software: An Introduction

Abstract:
In these three video lectures, we will learn about R, which is a programming language and software environment for statistical analysis, graphics representation and reporting. We will learn how to download and install both R Software and R Studio. We will see how we can use help command in R to keep learning while practicing R. We do some basic mathematical calculations using R. We will learn how to assign value or vector to some variable in R and then how to use the same for further purpose like plotting, finding statistical parameters etc. In the end we will learn how to use data frames to manage any given data in R and how to do analysis of that data using R.

Resource Person: Dr. Rajesh Singh
Assistant Professor
Department of Mathematics
Ramanujan College
University of Delhi.
Delhi – 110 019

Link of the Lecture:
https://youtu.be/TfZP4DNdCJk
https://youtu.be/Yw2tjU-g_oU
https://youtu.be/Vadshtz79TA

Session 2: MATHEMATICS USING EXCEL

Abstract:
Excel allows to work with data in a transparent manner, as the data is visible immediately and one can work with the data directly. Intermediate results are contained in the Excel spreadsheet containing 12 billion cells approx. with 255 such sheets in one excel workbook interlinked with each other. The above four lectures explain various techniques using examples in Excel. It starts with some necessary Excel skills including Math operations, trigonometric and logarithmic functions, and then introduces data table to analyse using IF, INDEX and MATCH, XLOOKUP functions in Excel. In second and third lecture 'What-if Analysis' and 'Excel Solver' tools are introduced as the process of changing the values in cells to see how those changes will affect the outcome of formulas on the worksheet using Goal Seek, and Data Tables. Also using Excel Solver, Linear programming problem with sensitivity report, travelling salesperson problem, shortest-path problem, transportation and assignment problems discussed in detail. In the final fourth lecture linear regression and multiple linear regression is introduced with real-life example data as predictive model to make predictions on the scoring data. At the end some in-built array functions of matrix operations discussed with examples.

Resource Person: Dr. Satish Verma
Associate Professor
Department of Mathematics
Sri Guru Tegh Bahadur Khalsa College
University of Delhi
Delhi 110007

Link of the Lecture:
https://youtu.be/NTjrAtv_3y0
https://youtu.be/8TrG5cUyGDA
https://youtu.be/2OjgmWgaVEE
https://youtu.be/WyjX-V49IPo

DAY 6 (March 3, 2022)

Session 1: Web Tools for Mathematics

Abstract:
We will learn about four incredibly effective web resources for mathematics in this video lecture. The main goal is to familiarise you with the capabilities of these tools and demonstrate their efficacy and utility in solving a variety of mathematical problems. To begin, we'll look at the Matrix Calculator, which can be used to conduct all of the basic matrix operations as well as methods for solving systems of simultaneous linear equations and matrix decomposition using various approaches. One of the most useful

features of this application is that it provides a detailed answer to each problem for a better grasp of the issue.

Then there's Symbolab, which is a sophisticated math education tool. Users can utilise mathematical symbols and scientific notations, as well as text, to learn, practise, and find math topics. From middle school to college, Symbolab gives automatic step-by-step solutions to algebraic, trigonometric, and calculus topics. Equations, simultaneous equations, inequalities, integrals, derivatives, limits, tangent line, trigonometric equations, functions, and more are all available through Symbolab. The site's declared purpose is to make scientific knowledge more accessible to everyone by expanding the searchable data space to include scientific notations, expressions, equations, and formulas. This is accomplished through the use of proprietary machine learning algorithms to comprehend the content and context of the inquiries. Symbolab is a programme that simplifies math.

The second tool we'll look at is Graph Online, which may be used to manually generate graphs or to employ adjacency or incidence matrices. Some built-in algorithms, such as identify the shortest path, find adjacency matrix, find minimum spanning tree, discover eulerian path, and so on, aid in the deeper investigation of a graph or network.

Finally, we'll look into live.amcharts, which can be used to generate animated pie charts, bar graphs, line graphs, and other graphs based on any data. It also provides HTML coding for the same, which can be included in a webpage to attract visitors.

Resource Person: Dr. Rajesh Singh
Assistant Professor
Department of Mathematics
Ramanujan College
University of Delhi.
Delhi – 110 019
Link of the Lecture:
https://youtu.be/Jh_RZL3okI0

Session 2: Mathematical Software: Some Hidden Tools

Abstract:
In this lecture, we will explore a few pieces of software that are largely unknown to the general public but are quite important in mathematics. These programmes are referred to as CAS. A computer algebra system (CAS) or symbolic algebra system (SAS) is any mathematical programme that can handle mathematical expressions in a fashion that is akin to mathematicians' and scientists' traditional manual computations. All of the software mentioned is open source and free. A free software programme is one that can be used without cost. A piece of software that is open source is one whose source code is available to everyone. The following software is discussed: Microsoft Mathematics, Photo math, Geogebra, Sagemath, Cadabra, Maxima, Gap.

Resource Person: Dr. Deepakshi Sharma
Assistant Professor
Department of Mathematics
Ramanujan College
University of Delhi.
Delhi – 110 019

Link of the Lecture:
https://youtu.be/-OZ1l1Q1Y4M

Session 3: Research Tools
Part 1: Google Scholar and ORCiD

Abstract:
We'll learn about Google Scholar, a free web search engine and database for scholarly/ academic documents developed by Google. Google Scholar indexes the full text or metadata of scholarly publications from a variety of publishers and subjects. Peer-reviewed online academic journals and books, conference papers, theses and dissertations, preprints, abstracts, technical reports, and other scholarly material, such as court judgements and patents, are all included in the Google Scholar index. Here we will learn how to build a Google Scholar profile, add contributions, search papers/profiles, and create references using Google Scholar.

Next, we'll learn about ORCiD, an open registry. Open Researcher and Contributor ID (ORCiD) is an acronym for Open Researcher and Contributor ID. It assigns an ORCID iD, a unique 16-digit number that researchers can use to distinguish themselves from other researchers and connect to their own professional affiliations and accomplishments with confidence. We'll go over how to create an ORCID account and get a unique 16-digit identifier.

Resource Person: Dr. Rajesh Singh
Assistant Professor
Department of Mathematics
Ramanujan College
University of Delhi.
Delhi – 110 019

Link of the Lecture:
https://youtu.be/ooM6efKydvY
https://youtu.be/S-eYEdLpYr0

Part 2: ResearchGate: A Social Networking Website for Researchers

Abstract:
Receiving updates on latest research in the field is a key aspect in conducting high-quality research. ResearchGate provides a platform where one may acquire up-to-date information and even contact researchers all over the world to collaborate on research

projects. In this video, we'll go over how to create a ResearchGate account and how to manage it.

Resource Person: Dr. Virendra Kumar
Assistant Professor
Department of Mathematics
Ramanujan College,
University of Delhi
Delhi – 110 019

Link of the Lecture:
https://youtu.be/r_nkFOJ8gKs

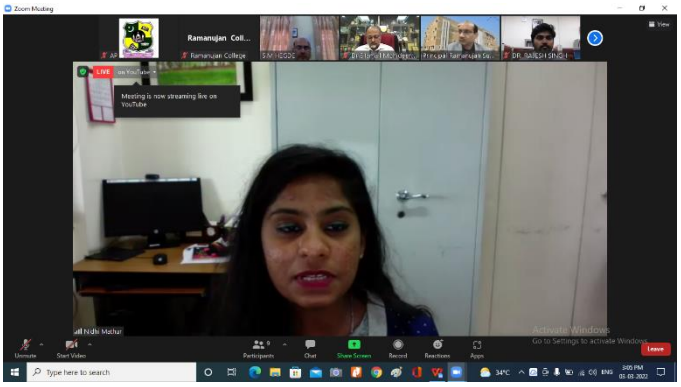
Session 4: Valediction

Prof. Suresh M. Hegde, Department of Applied Mathematical and Computational Science, National Institute of Technology, Karnataka (Chief Guest)
Prof. S.P. Aggarwal, Principal, Ramanujan College, University of Delhi
Dr. S. Ismail Mohideen, Principal, Jamal Mohamed College, Tiruchirappallli, Tamil Nadu
Dr. Rajesh Singh (Programme Convener)
Dr. R. Jahir Hussain (Programme Convener)
Dr. Virendra Tripathi (Programme Co-Convener)
All the faculty members of the Department of Mathematics of Ramanujan College, University of Delhi and Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu
Participants joined via YouTube streaming of the college.

Highlights of the Faculty Development Programmee

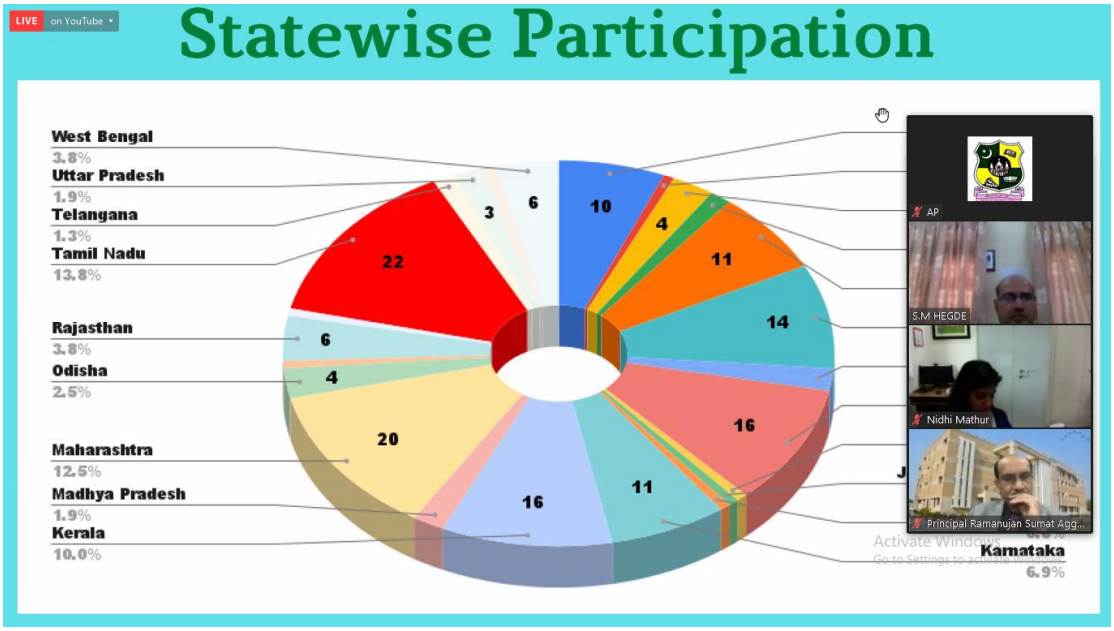
- 160 participants
- 7 Resource Persons
- 6 Quizzes
- Total Duration: 22 Hours 32 Minutes 17 Seconds.

Link for the valedictory session:
https://youtu.be/CPS08jE-u90


Zoom Meeting
Ramanujan Coll...
Meeting is now streaming live on YouTube
Nidhi Mathur

Zoom Meeting
Nidhi Mathur
DR. RAJESH SINGH
VIRENDRA TIWARI

Zoom Meeting
Principal Ramanujan Sumat Aggarwal


LIVE on YouTube
Statewise Participation
West Bengal
3.8%
Uttar Pradesh
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Telangana
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Tamil Nadu
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Rajasthan
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Odisha
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Nidhi Mathur
Principal Ramanujan Sumat Agg...
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கணித அறிவியல் நிறுவனம், சென்னை

தமிழ்நாடு அறிவியல் இயக்கம் - ஜன்ஸ்டீன் கல்லூரி மாணவர்கள் கிளை & ஜமால் முகமது கல்லூரி

Dr. A.P.J. ABDUL KALAM CLUB (Affiliated to Vigyan Prasar Network of Science Clubs) Club ID: VP-TN0056

கணிதத்துறை

(Under DBT Star College Scheme)

இணைந்து நடத்தும்

பிப்.28 தேசிய அறிவியல் தினத்தை முன்னிட்டு

அறிவியல் திருவிழா

நாள் : 26.02.2022, சனிக்கிழமை **நேரம் :** மதியம் 2.00 மணி

இடம் : பி. ஹெச். எம். உயர்நிலைப் பள்ளி, மேலப்புதூர், திருச்சி.

தலைமை : **திரு. டி. ஜோசுவா ஜெயக்குமார்**, பள்ளி தலைமை ஆசிரியர்

முன்னிலை : **முனைவர். ஆர். ஜாகீர் உசேன்**, ஜமால் முகமது கல்லூரி

"அறிவியல் பார்வை ஏன் தேவை"

முனைவர். ந. சத்தியமூர்த்தி

உதவி தலைமை ஆசிரியர்

இ. ஆர். மேல்நிலைப்பள்ளி & மேனாள் மாவட்டத் தலைவர்

தமிழ்நாடு அறிவியல் இயக்கம், திருச்சிராப்பள்ளி

"கணித செயல்பாடுகள்"

ஜமால் முகமது கல்லூரி கணிதத்துறை மாணவர்கள்

வாழ்த்துரை

முனைவர். து. சுகந்தி டெய்சி ராணி

தலைமை ஆசிரியர்

டி. இ. எல். சி. தொடக்கப்பள்ளி, பொன்மலைப்பட்டி &

ஸ்ரீரங்க கிளை செயற்குழு உறுப்பினர் - TNSF

திருச்சிராப்பள்ளி.

ஒருங்கிணைப்பு : **திரு. என். அஸ்ரார் அஹமத்,**

கிளை இணைச் செயலாளர்,ஜன்ஸ்டீன் கல்லூரி மாணவர்கள் கிளை, TNSF.

அனைவரும் வருக !!!

Institute of Mathematical Sciences, Chennai, Tamil Nadu Science Forum - Einstein College Students Branch & Jamal Mohammad College Dr. A.P.J. ABDUL KALAM CLUB (Affiliated to Vigyan Prasar Network of Science Clubs) in association with the Department of Mathematics (Under DBT Star College Scheme) had a Science Festival on the eve of National Science Day on 26.02.2022 held at B.H.M.High School, Trichy.

Mr. D. Joshua Jayakumar, Headmaster of the School accepted the leadership of the event, Dr. R. Jahir Hussain, Jamal Mohamed College took over for the occasion.

This program was led by the topic "Why Scientific Vision Needed". Dr.N.Sathyamoorthy, Assistant Head Master of E. R. Higher Secondary School & Ex. District President of Tamil Nadu Science forum, Tiruchirappalli delivered the Keynote address. Jamal Mohamed College Mathematics UG students explained mathematical functions to the students in a practical approach with experimental modules.

Dr.T. Sukanti Daisy Rani, Head Master of T. E. L. C. Elementary School, Ponmalaipatti & Srirangam Branch Executive Committee Member - TNSF, Tiruchirappalli gave greetings to the occasion.

NATIONAL
SCIENCE DAY

NATIONAL
SCIENCE DAY

GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
11, 1, Melapudur Main Rd, Melapudur, Sangillyandapuram,
Tiruchirappalli, Tamil Nadu 620001, India
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Tiruchirappalli, Tamil Nadu 620001, India
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Tiruchirappalli, Tamil Nadu, India
No.43-H, St.Anne's Complex, Opp:Bsnl Office, Melapudur,
Sangillyandapuram, Tiruchirappalli, Tamil Nadu 620001, India
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Tiruchirappalli, Tamil Nadu, India
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Google

Certificate of Appreciation

We thank the Staff and Students of Department of Mathematics, Jamal Mohamed College, Trichy for Conducting Special Lecture and Activity Based Mathematics Learning on 26.02.2022 under DBT Star College Scheme in view of the National Science Day Celebrations 2022. Our school students from VIII To X Standard attended this programme. 110 students are benefitted through this offline programme.

BISHOP HEUMAN MEMORIAL HIGH SCHOOL
TIRUCHIRAPALLI
620 001.
TRANQUEBAR HOUSE

HEAD MASTER
HEADMASTER
B.H.M. High School,
Tranquebar House, Trichy-1.

To

The Head
Department of Mathematics
Jamal Mohamed College
Trichy-20

SINCE 1951

JAMAL MOHAMED COLLEGE (Autonomous)

College with Potential for Excellence

Accredited (3rd Cycle) with 'A' Grade by NAAC

DBT Star College Scheme & DST-FIST Funded

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI – 620 020.

Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

cordially invite you all to celebrate

National Science Day

&

Azadi Ka Amrit Mahotsav

Special Lecture on

Computations of Molecular Descriptors

(Under the aegis of DBT Star College Scheme)

Resource Person

Dr. Sr. S. Kulandai Therese
Assistant Professor in Mathematics &
Deputy Principal
St. Mary's College
Thoothukudi

Date: 28.02.2022

Time: 11.00 a.m.

Mode: Blended

Target Audience: Mathematics & Chemistry Students

ALL ARE INVITED

SINCE 1951

JAMAL MOHAMED COLLEGE (Autonomous)
College with Potential for Excellence
Accredited (3rd Cycle) with 'A' Grade by NAAC
DBT Star College Scheme & DST-FIST Funded
(Affiliated to Bharathidasan University)
TIRUCHIRAPPALLI – 620 020.

Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

cordially invite you all to celebrate

National Science Day

&

Azadi Ka Amrit Mahotsav

Special Lecture on

Challenges in Computations of Molecular Descriptors

(Under the aegis of DBT Star College Scheme)

Resource Person

Dr. S.Prabhu
Associate Professor of Mathematics
Rajalakshmi Engineering College
Chennai

Date: 28.02.2022

Time: 12.00 noon.

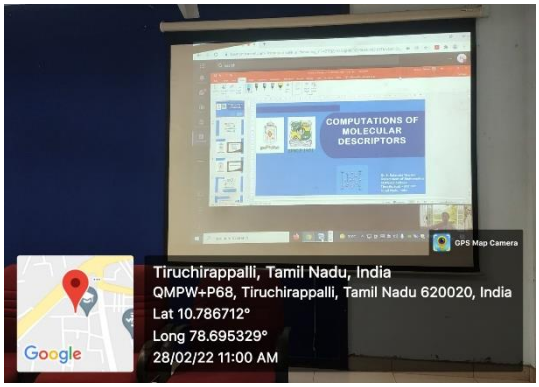
Mode: Blended

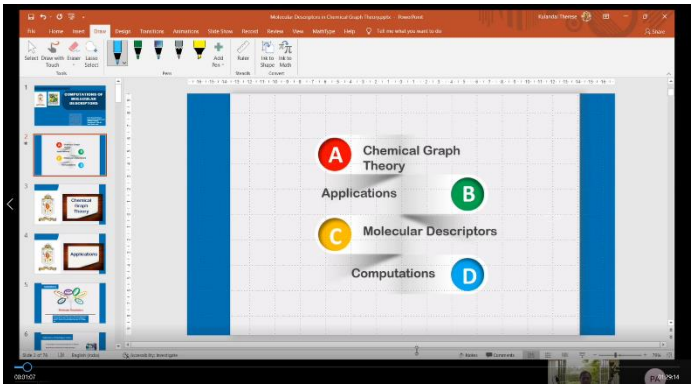
Target Audience: Mathematics & Chemistry Students

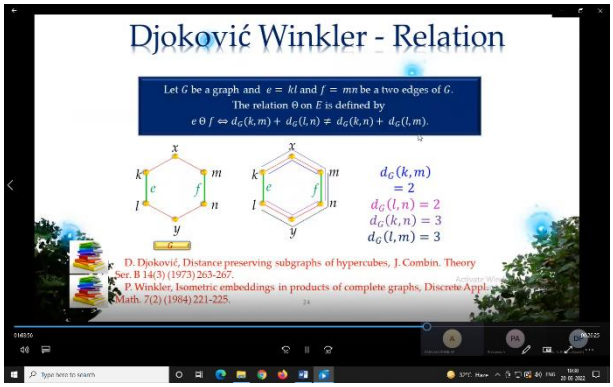
ALL ARE INVITED

Under the aegis of DBT Star College Scheme a Special Lecture was organized by PG and Research Department of Mathematics for the benefit of students of Mathematics, and Chemistry on 28.02.2022 in view of National Science Day.

Dr. Sr. S. Kulandai Therese,Assistant Professor in Mathematics & Deputy Principal St. Mary's College, Thoothukudi delivered a lecture on Computations of Molecular Descriptors and Dr. S.Prabhu, Associate Professor of Mathematics Rajalakshmi Engineering College, Chennai delivered a lecture on Challenges in Computations of Molecular Descriptors. 33 students benefitted from this blended mode programme.







==========

கணித அறிவியல் நிறுவனம், சென்னை

தமிழ்நாடு அறிவியல் இயக்கம் - ஜன்ஸ்டீன் கல்லூரி மாணவர்கள் கிளை &

ஜமால் முகமது கல்லூரி

Dr. A.P.J. ABDUL KALAM CLUB (Affiliated to Vigyan Prasar Network of Science Clubs) Club ID: VP-TN0056

கணிதத்துறை

(Under DBT Star College Scheme)

இணைந்து நடத்தும்

பிப்.28 தேசிய அறிவியல் தினத்தை முன்னிட்டு

அறிவியல் திருவிழா

நாள் : 28.02.2022 **நேரம் :** மதியம் 2.00 மணி

இடம் : மாநகராட்சி தொடக்கப்பள்ளி, காமராஜ் நகர், விமான நிலையம், திருச்சி - 7

தலைமை : திருமிகு. பெ. மணிமேகலை, தலைமை ஆசிரியர்

முன்னிலை : முனைவர். ஆர். ஜாகீர் உசேன், ஜமால் முகமது கல்லூரி

"அறிவியல் அறிவோம் "

முனைவர். தாமோதரன்

உதவிப் பேராசிரியர்

கணிதத்துறை

ஜமால் முகமது கல்லூரி

திருச்சிராப்பள்ளி

"கணித செயல்பாடுகள்"

ஜமால் முகமது கல்லூரி கணிதத்துறை மாணவர்கள்

நன்றியுரை

திருமிகு. வி. பிரமிளா கிறிஸ்டினா,

இடைநிலை ஆசிரியர்.

அனைவரும் வருக !!!

தமிழ்நாடு அறிவியல் இயக்கம்
தேசிய
அறிவியல் தினம்
NATIONAL
SCIENCE DAY

Institute of Mathematical Sciences, Chennai, Tamil Nadu Science Forum-Einstein College Students Branch & Jamal Mohamed College Dr. A.P.J. ABDUL KALAM CLUB (Affiliated to Vigyan Prasar Network of Science Clubs) in association with the Department of Mathematics (Under DBT Star College Scheme) had a Science Festival on the eve of National Science Day on 28.02.2022 held at Corporation Middle School, Kamaraj Nagar, Airport, Trichy.

Jamal Mohammad College Mathematics Students explained mathematical functions to the students in a practical approach with experimental models.

Mrs.V.Pramila Christina, School Teacher proposed the vote of thanks for this occasion.

Certificate of Appreciation

We thank the Staff and Students of Department of Mathematics, Jamal Mohamed College, Trichy for Conducting Special Lecture and Activity Based Mathematics Learning on 28.02.2022 under DBT Star College Scheme in view of the National Science Day Celebrations 2022. Our school students from IV. to V. Standard attended this programme. 65 students are benefitted through this offline programme.

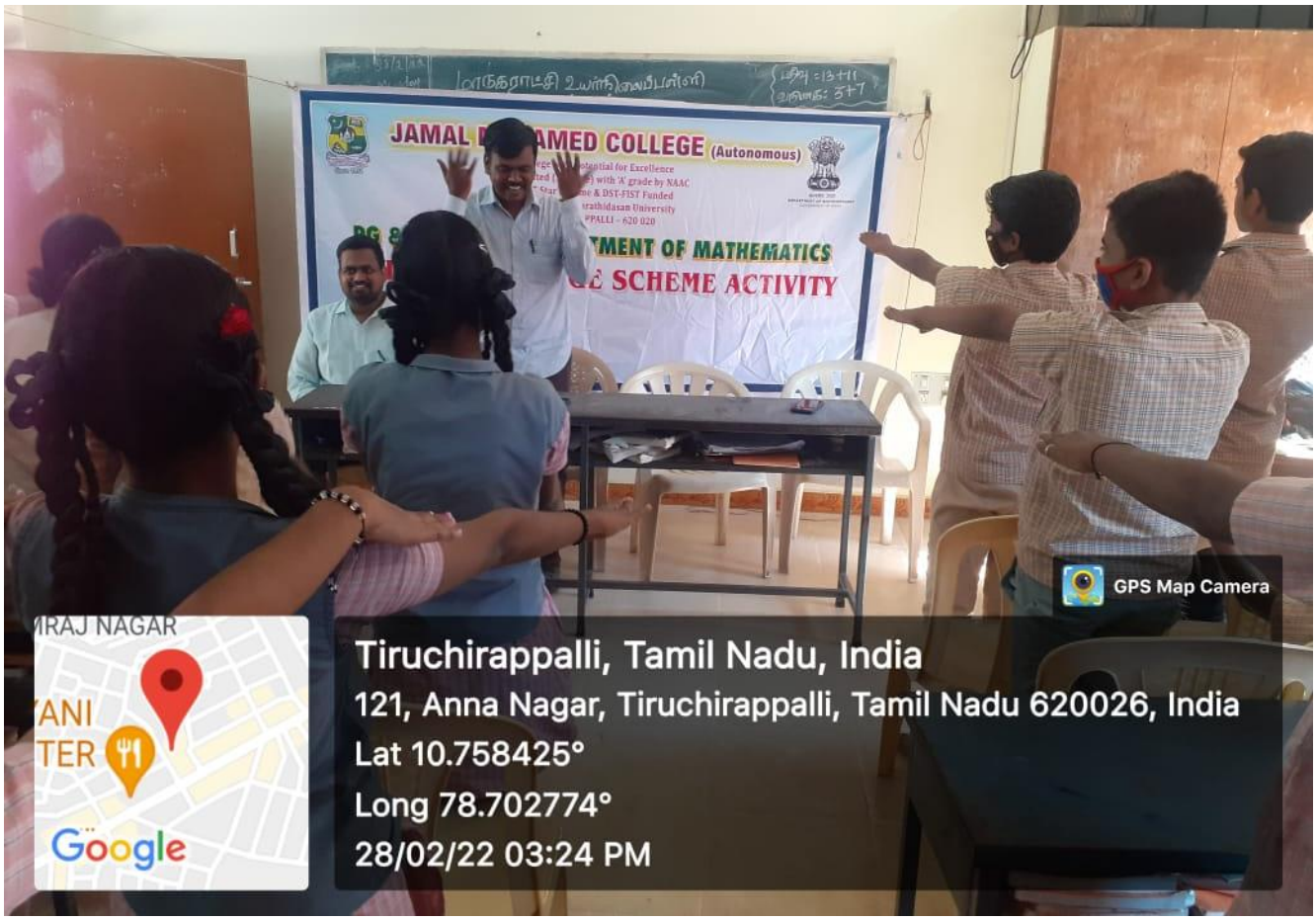
A. Annu (IC)
HEAD MASTER 28/2/22
Corporation Primary School
Kamaraj Nagar, Sembattu

To

The Head
Department of Mathematics
Jamal Mohamed College
Trichy-20

Institute of Mathematical Sciences, Chennai, Tamil Nadu Science Forum-Einstein College Students Branch & Jamal Mohamed College Dr. A.P.J. ABDUL KALAM CLUB (Affiliated to Vigyan Prasar Network of Science Clubs) in association with the Department of Mathematics (Under DBT Star College Scheme) had a Science Festival on the eve of National Science Day on 28.02.2022 held at Corporation High School, Kamaraj Nagar, Airport, Trichy.

Dr. R. Jahir Hussain, Jamal Mohammad College took over for the occasion. This program was led by the topic of "Why Scientific Vision Needed". Dr.D. Dhamodharan, Assistant Professor of Mathematics, Jamal Mohamed College, Tiruchirappalli delivered the keynote address. Jamal Mohammad College Mathematics Students explained mathematical functions to the students in a practical approach with experimental models.


JAMAL
AMED COLLEGE (Autonomous)
TMENT OF MATHEMATICS
E SCHEME ACTIVITY
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
121, Anna Nagar, Tiruchirappalli, Tamil Nadu 620026, India
Lat 10.758425°
Long 78.702774°
28/02/22 03:24 PM

GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
121, Anna Nagar, Tiruchirappalli, Tamil Nadu 620026, India
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Long 78.70279°
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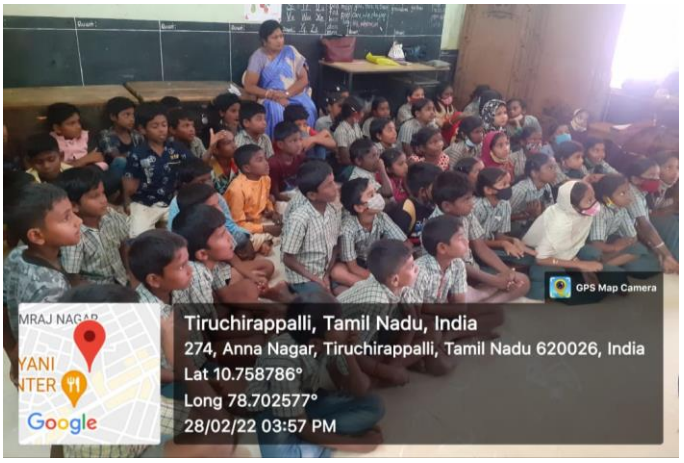
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
274, Anna Nagar, Tiruchirappalli, Tamil Nadu 620026, India
Lat 10.758786°
Long 78.702577°
28/02/22 03:57 PM

Certificate of Appreciation

We thank the Staff and Students of Department of Mathematics, Jamal Mohamed College, Trichy for Conducting Special Lecture and Activity Based Mathematics Learning on 28.02.2022 under DBT Star College Scheme in view of the National Science Day Celebrations 2022. Our school students from 9,10 Standard attended this programme. 42 students are benefitted through this offline programme.

28/02/2022

HEAD MASTER
தலைமையாசிரியை
மாநகராட்சி உயர்நிலைப்பள்ளி
காமராஜ் நகர், ஏர்போர்ட்
திருச்சி-7

To

The Head
Department of Mathematics
Jamal Mohamed College
Trichy-20

SINCE 1951

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TIRUCHIRAPPALLI – 620 020

Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

welcomes you all to attend

Special Lecture on

Cyber Security- the need of the hour-

What is it for the common people?

(Under the aegis of DBT Star College Scheme)

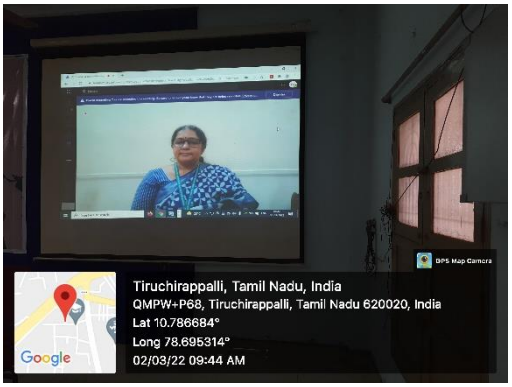
at 9.30 a.m. on 02.03.2022

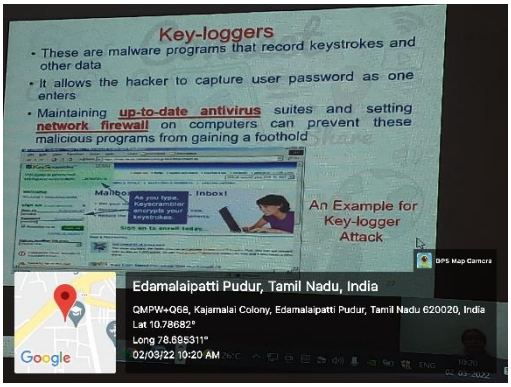
Special Address : **Dr. G.Padmavathi**
Professor
Department of Computer Science
Dean, School of Physical Sciences &Computational Sciences
Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore-641 043

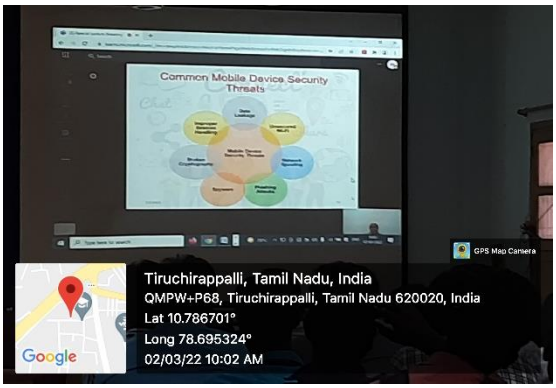
Target Audience : UG Students (All DBT Departments)

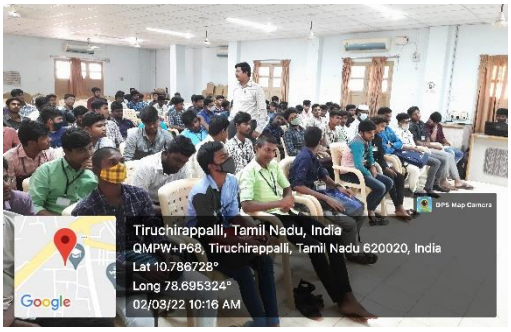
Venue: Blended

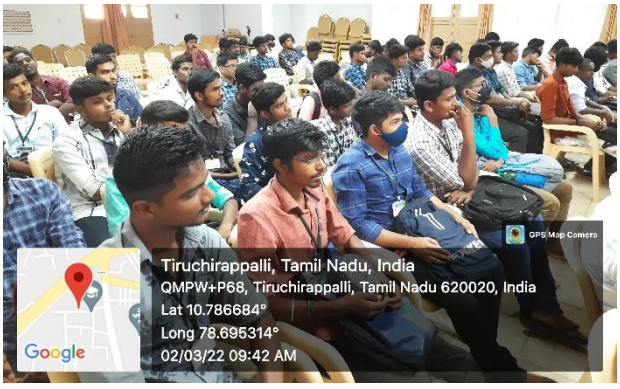
Under the aegis of DBT Star College Scheme a Special Lecture on Cyber Security- the need of the hour- What is it for the common people? was organized by PG and Research Department of Mathematics for the benefit of students of Mathematics, Botany and Chemistry on 02.03.2022. Dr. G.Padmavathi, Professor, Department of Computer Science, Dean, School of Physical Sciences &Computational Sciences Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore was the Resource Person of the Programme. 92 students benefitted out of this offline programme.











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Department of Biotechnology Govt. of India

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Azadi Ka Amrit Mahotsav

cordially invite you all to celebrate

International Day of Mathematics "PI" (π) Day

&

Special Lecture on Carnal Mantras of Data Science

(Under the aegis of DBT Star College Scheme)

at 10.30 a.m. on 15.03.2022

Special Address : **Dr. Felix Bast**
Professor and Head
Department of Botany
Central University of Punjab
Ghudda, Bathinda, 151401
Punjab, India

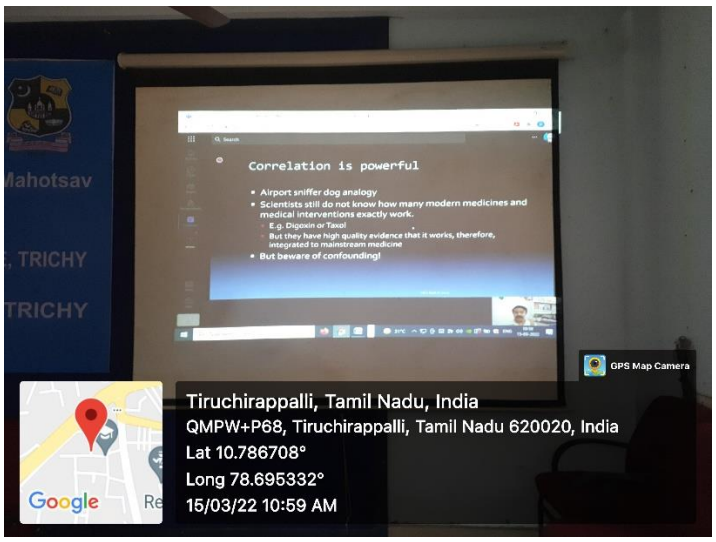
Target Audience : UG Students (Mathematics & Botany)

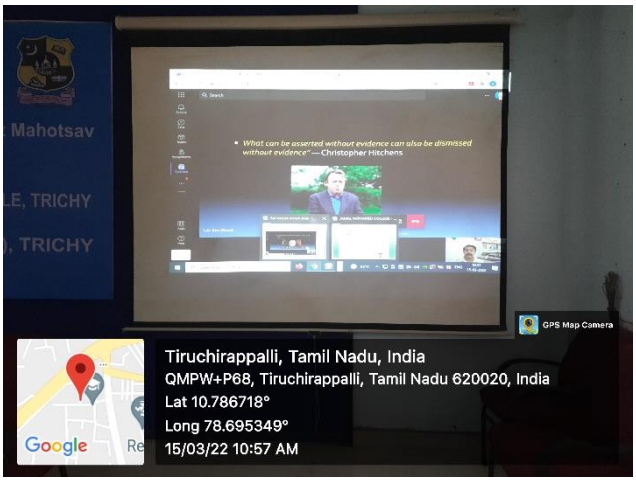
Venue : Husianudeen Hall

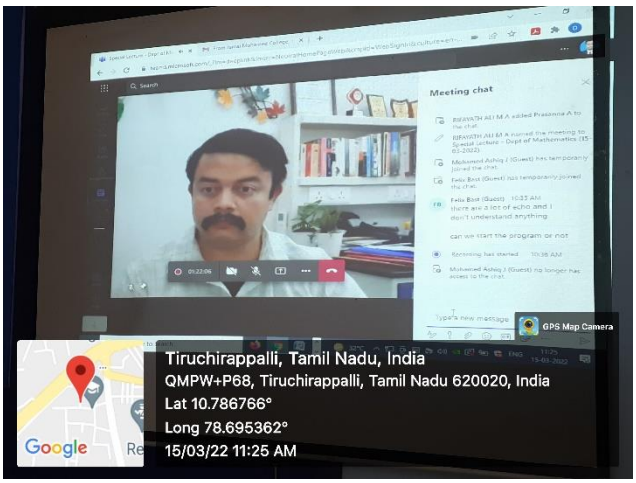
Venue: Blended

International Day of Mathematics “PI” (π) Day was observed at Department of Mathematics, Jamal Mohamed College on 15.03.2022 at 10.30 a.m.

Dr. Felix Bast, Professor and Head, Department of Botany, Central University of Punjab Ghudda, Bathinda, Punjab delivered a Special Lecture on Carnal Mantras of Data Science by online Mode. 61 students (Mathematics-31 and Botany-30) benefitted out of this blended mode programme.





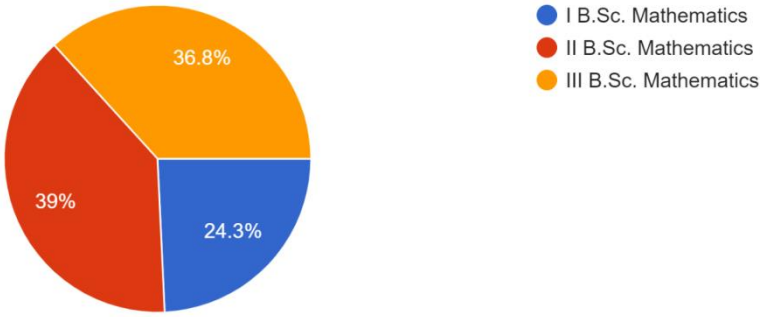


Department of Mathematics

DBT Star College Scheme Students' Feedback Analysis 2021-22

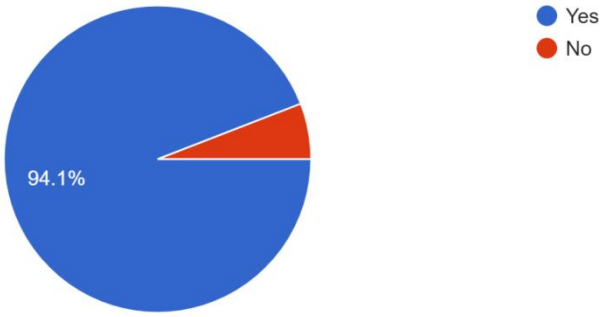
Class

136 responses



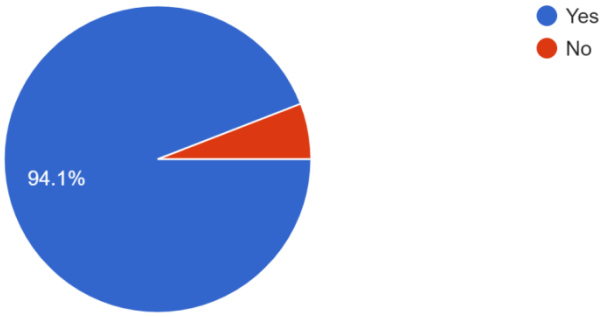
Are you aware of the DBT Star College Scheme implemented at the college?

136 responses



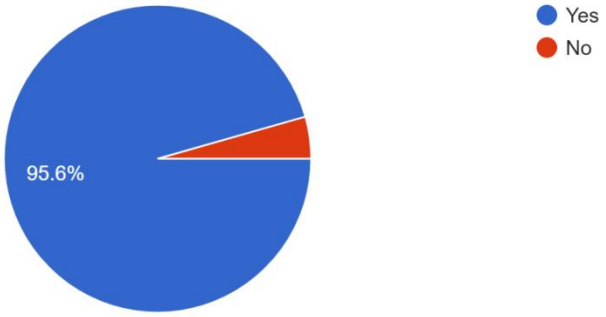
Did you experience the increase in the availability of equipment / Books which are being handled in-person?

136 responses



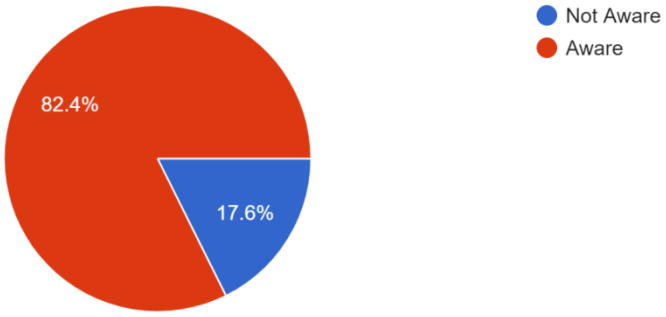
Did you experience the increase in students-teacher interaction?

136 responses



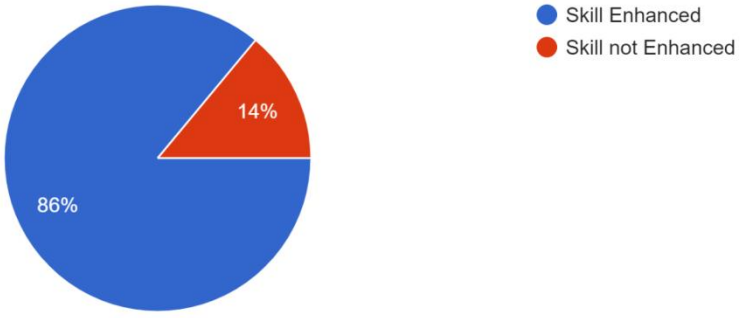
Are you aware that besides curriculum, new practical for widening of knowledge horizon are being conducted?

136 responses



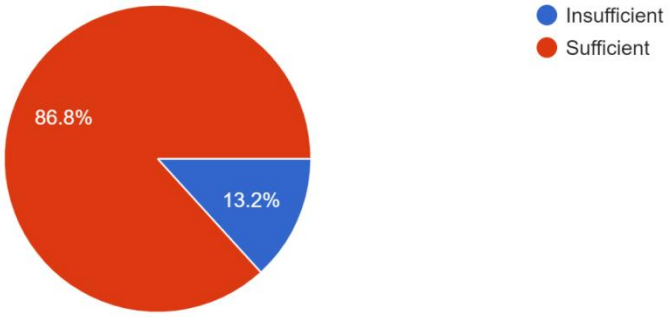
Training / hands-on-training programs conducted under this scheme

136 responses



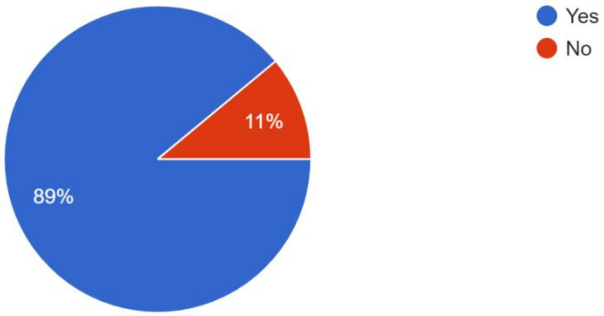
No. of lectures of eminent scientists / Professors and laurels organized under this scheme

136 responses



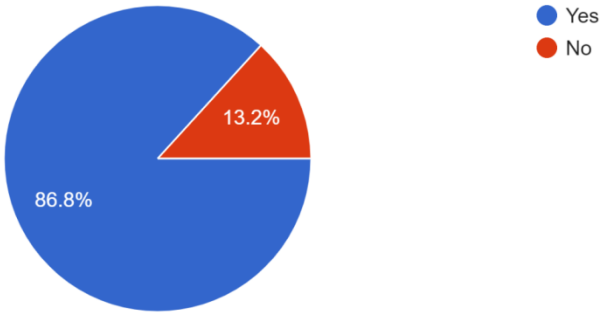
Were you exposed to advanced techniques in fundamental and applied sciences?

136 responses



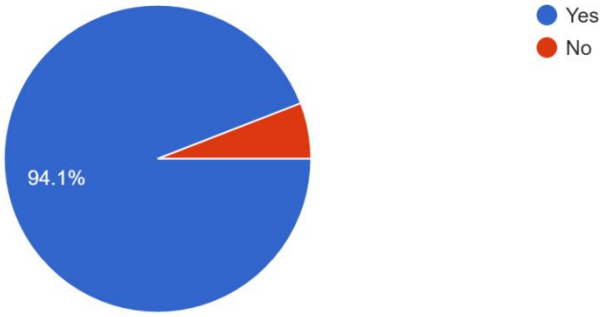
Did you experience an increase in awareness and exposure to the local environmental related issues?

136 responses



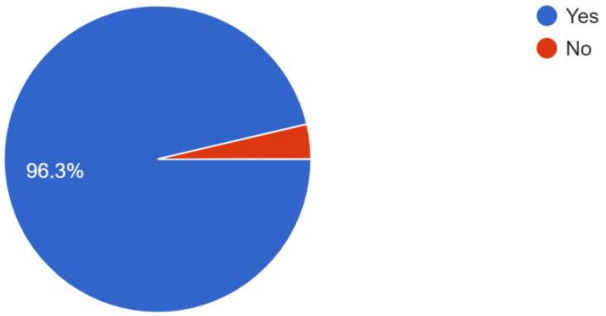
Does this scheme help to participate in various activities organized on scientific themes?

136 responses



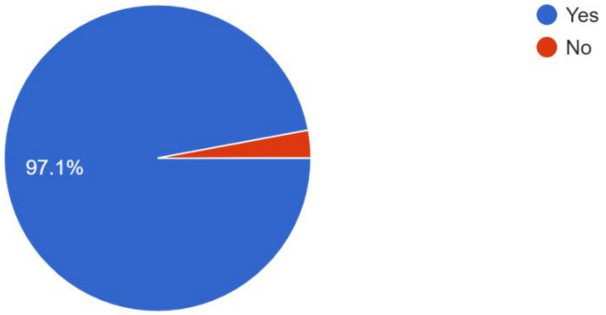
Do you think that this scheme leads towards overall development of students?

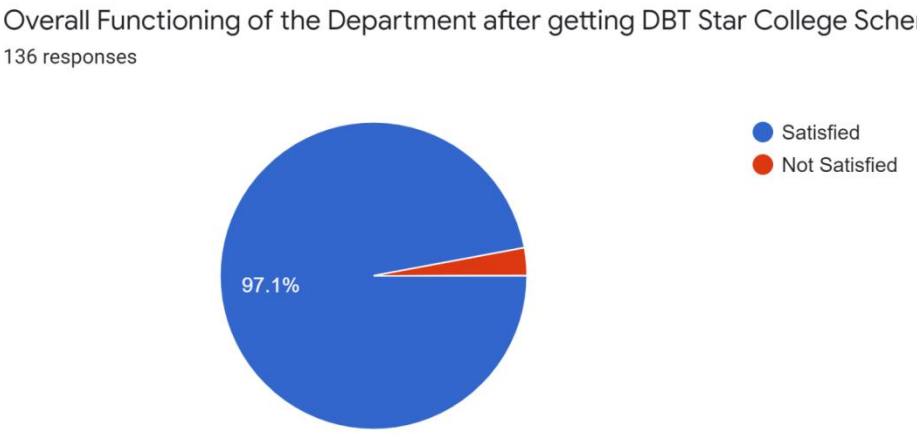
136 responses



Are you satisfied with DBT Star College Scheme?

136 responses





Major Suggestions:

- Increase the availability of books in library.
- Industrial visit to be arranged.

Mathmation

(A Compendium of DBT Star College Scheme Activities)

Volume-1 2020-2022

Azadi Ka Amrit Mahotsav

An Endeavour of DBT Star College Scheme

initiated by PG & Research Department of Mathematics

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TIRUCHIRAPPALLI – 620 020.

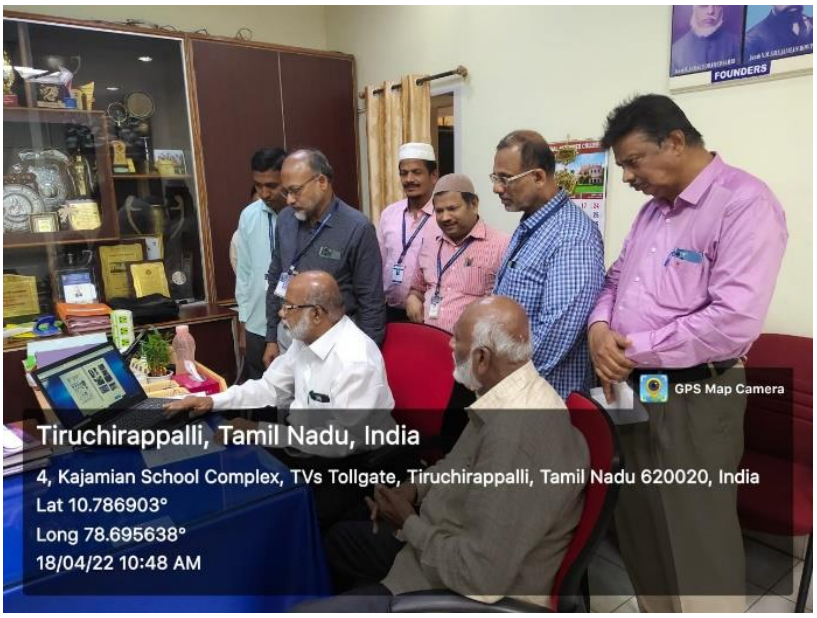
Department of Biotechnology Govt. of India

Released on 18th April 2022

(World Heritage Day)

https://online.fliphtml5.com/jkswl/bqrx/

(e News Letter)


FOUNDERS
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
4, Kajamian School Complex, TVs Tollgate, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.786903°
Long 78.695638°
18/04/22 10:48 AM

GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
4, Kajamian School Complex, TVs Tollgate, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.786903°
Long 78.695638°
18/04/22 10:48 AM

FOUNDERS
GPS Map Camera
Tiruchirappalli, Tamil Nadu, India
4, Kajamian School Complex, TVs Tollgate, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.786903°
Long 78.695638°
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TIRUCHIRAPPALLI – 620 020

PG & RESEARCH DEPARTMENT OF MATHEMATICS

The following students have been recognized as the **Best Student Performer under the DBT Star College Scheme** for the Academic year 2020-2021 in the Department of Mathematics.

II-B.Sc Mathematics

Name : Mohamed Ashiq J
Reg.No. : 19UMA030

III-B.Sc Mathematics

Name : Mohammed Umar Farook
Reg.No. : 18UMA035

III-B.Sc Mathematics

Name : Sowmiyanarayanan.S
Reg.No. : 18UMA057

The following students have been recognized as the **Best Student Performer under the DBT Star College Scheme** for the Academic year 2021-2022 in the Department of Mathematics.

I-B.Sc Mathematics

Name : Asraf Khan.S
Reg.No. : 21UMA007

II-B.Sc Mathematics

Name : Praveen.B
Reg.No. : 20UMA032

III-B.Sc Mathematics

Name : Mohammed Imthiyas.S
Reg.No. : 19UMA040