



ANNEXURE 1 - REPORT : 2018-2019

Key performance indicators

S. no	Indicator	Pre-support							During /After Support							Remarks
1	No. of students admitted: 2018-2019	Total =48							No. of studentsadmitted: 2020-2021 Total =43							
		M=03			F=45				M=11			F=32				
		SC/ ST	OB C	G	S C	S T	OB C	G	SC/ ST	OB C	G	S C	S T	OB C	G	
		8	39	1	-	-	-	-	7	36	-	-	-	-	-	
	No. of students admitted: 2019-2020	Total =48														
M=10			F=38													
SC/ ST		OB C	G	SC/ ST	OB C		G									
8		40	-	-		-		-								
2	No. of students passing out (%) Students Admitted/passing out (pass %)	No. of students passing out percentage 2018-2019 : 92.5% 2019-2020 : awaiting for result							No. of students admitted percentage 2018-2019 : 48/48 = 100% 2019-2020 : 48/48 = 100% 2020-2021 : 43/48 = 89.59 %							
3	Drop-out rates	2018-2019 : 02 2019-2020 : 01 2020-2021 : 01							-							
4	No. of students opting for M. Sc	2018-2019 : 13 2019-2020 : 15							-							
5	Average marks															
6	No. of hands-on experiments beingconducted	Nil							Nil							
7	No. of new experimen ts introduced	Nil							Nil							
8	Publications (scopus indexed)	Nil							Nil							

G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS)
KOVILPATTI – 628 502.

ANNEXURE 1 - REPORT : 2018-2019

	/patents, if any.			
9	Training received by faculty	Nil	02	
10	Exhibitions/seminars /training courses conducted	2018-2019 : Workshop – 01 Training Programmes - 01 Refer Annexure I 2019-2020 : Seminars – 01 Webinars - 02 Training Programme - 1 Refer Annexure II	2020-2021: Webinars – 5 Training Programme - 4 Refer Annexure III	
11	Books/journals subscribed from grants		1. Far East Journal of Applied Mathematics (ISSN 0972-0960) 2. Far East Journal of Mathematical Sciences (FJMS) (ISSN 0972-0871) 3. Universal Journal of Mathematics and Mathematical Sciences (ISSN 2277-1417)	
12	Outreach activities (Popular lectures)	Nil	Nil	
13	Colleges mentored to apply for DBT Star College grants	Nil	Nil	
14	Invited lectures			



ANNEXURE 1 - REPORT : 2018-2019

S.NO	DATE	DETAILS OF THE PROGRAM	RESOURCE PERSONS
1.	31.01.2019	Aptitude Training for Competitive Examinations	1.Mr. Antony Suresh IAS Academy Thoothukudi. 2. Mr. S. Nagaran Sam IAS Academy Thoothukudi.
2	21.02.2019 & 22.02.2019	Workshop on LATEX	Dr. D. Sridevi Assistant Professor Department of Mathematics S. R. N. M. College, Sattur



ANNEXURE 2 – REPORT : 2019-2020

S.NO	DATE	DETAILS OF THE PROGRAM	RESOURCE PERSONS
1	29.08.2019	Aptitude Training Programme	1.Mr. T. Raja, Bank of Baroda 2.Mr. V. Antony Patturaj, Managing Director, Thoothukudi District Cooperative Union 3.Mr. Rathakrishnan Assistant Jailor 4.Mr. Balaguru, Senior Faculty, Suresh IAS Academy
2	18.10.2019	National Level seminar on “Algebra and Graph Theory ”	1.Dr. T. Tamizh Chelvan, Senior Professor(Rtd) M. S. University, Tirunelveli. 2. Dr. A. R. Rajan, Professor, Department of Mathematics, University of Kerala 3. Dr. T. Asir, Assistant Professor & HOD i/c, Madurai Kamaraj University, Madurai.
3	03.06.2020 to 05.06.2020	Three days International Webinar on Graph Theory & Human Factors in Aviation	1.Dr. T. Tamizh Chelvan, Senior Professor(Rtd) M. S. University, Tirunelveli. 2.Dr. T. Asir, Assistant Professor & HOD i/c, Madurai Kamaraj University, Madurai. 3.Mr. Manirao Ramachandrarao, Faculty- Aviation Science, CERT-Higher College of Technology, UAE
4	12.06.2020	One day Webinar on “Residue Theory and its Applications”	Dr. M. Balamurugan Assistant Professor Department of Mathematics K. R. College of Arts & Science Kovilpatti.



ANNEXURE 3 – REPORT : 2020-2021

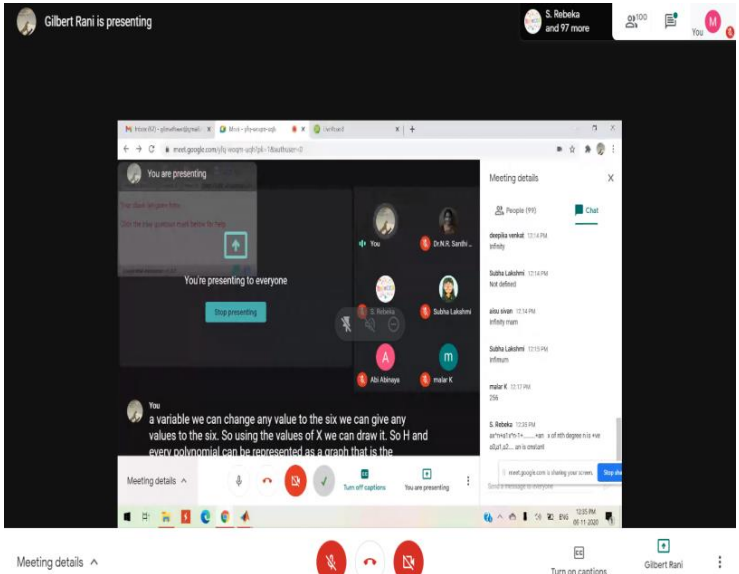
DBT STAR COLLEGE SCHEME ACTIVITY
NAME OF THE DEPARTMENT MATHEMATICS

OCTOBER (2020-2021) Month Report

1. Name & Title of the Activity: A One Day Webinar on Matlab - A Prime Look

Date & Venue: 23.10.2020 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students - 125, Faculties - 10

Brief Description	Outcome
All numbers in MATLAB are floating point of type double which is great for a lot of numerical computing but here we are dealing with a purely integer algorithm. It can sometimes pay dividends to make this explicit in the code and this is one of those times! It turns out that the mod function has to do a lot more work when dealing with floating point and numbers	Narrate MATLAB software and its salient features as well as ready to work on MATLAB environment for our under graduate's students
Photo 1	Photo 2
	
Caption : Invitation	Caption : http://meet.google.com/eqq-eeai-fsk

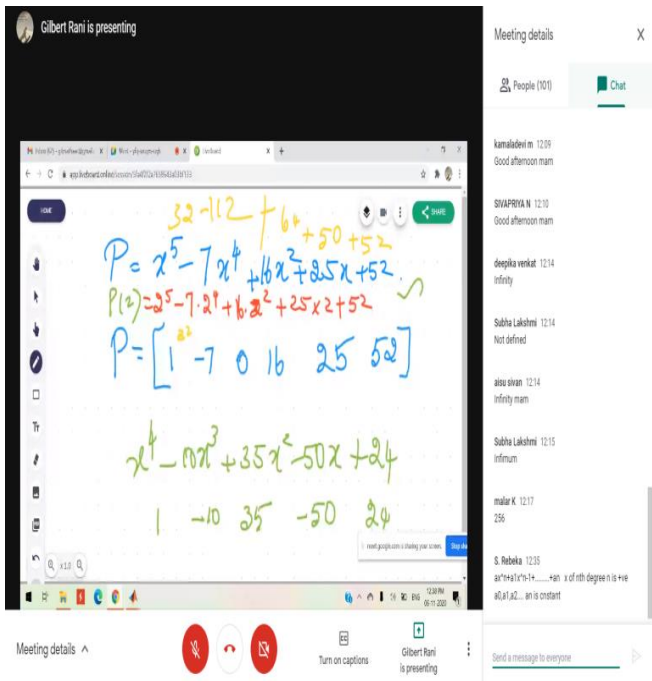


November (2020-2021) Month Report

2. Name & Title of the Activity: Student Enrichment Programme on Basic Ideas of MATLAB

Date & Venue: 06.11.2020 & 09.11.2020 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students - 120, Faculties - 10

Brief Description	Outcome
Matlab has an extensive set of built-in functions as well as additional toolboxes that consist of functions related to more specialized topics like fuzzy logic, neural networks, signal processing, etc. It can be used in two different ways: as a traditional programming environment and as an interactive calculator.	1. Perform the arithmetic operations. 2. Find roots of given polynomials. 3. Do form the polynomials from the roots. 4. Evaluate the value of the function at a given point 5. Plot graph against the given 2D,3D values. 6. Cater the knowledge of different types graphs available in MATLAB. 7. Draw a suitable graph for given data. 8. Design the graph
Photo 1	Photo 2
	
Caption: Invitation	Caption: http://meet.google.com/yfg-woqm-ugh



- 3. Name & Title of the Activity: Students Enrichment Programme**
Strategical Learning For Competitive Exams
Date & Venue: 27.11.2020 & Google meet Platform
Beneficiary & Number of Beneficiaries: Students - 123, Faculty - 10

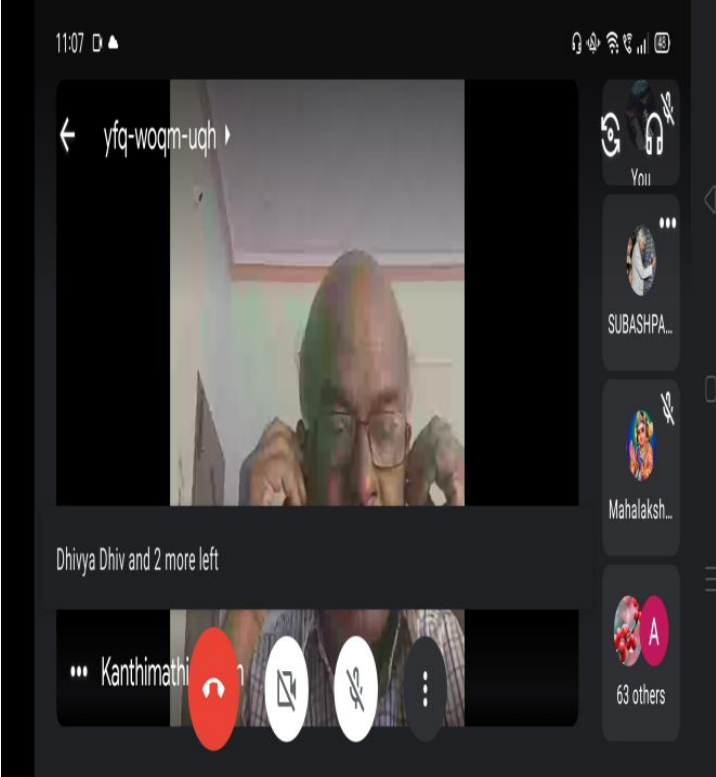
Brief Description	Outcome
The purpose of competitive exams is not only to judge your talent but also to test your management and planning skills. The whole concept of any competitive exam is based on strategic thinking and smart work. Traditionally, studying for long hours, having loads of competitive books around the study table, cutting aloof with the surrounding, and many more such ideas will simply worsen the case. Therefore, be smart, focus on the strategy and start preparing for competitive entrance examinations with the proper mix of planning, time management and smart work.	This enrichment programme provided us many shortcut ways to finish the problems in short period of time. Particularly under the topics of HCF, LCM, distance problems etc and also discussed many important problems also motivate to achieve our goals at earliest.
Photo 1	Photo 2
Caption : Invitation	Caption: http://meet.google.com/yfq-woqm-uqh



**4 . Name & Title of the Activity: Student Enrichment Programme-
Employment Opportunities for Mathematics
Graduates.**

Date & Venue: 28.11.2020 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students - 125, Faculties - 10

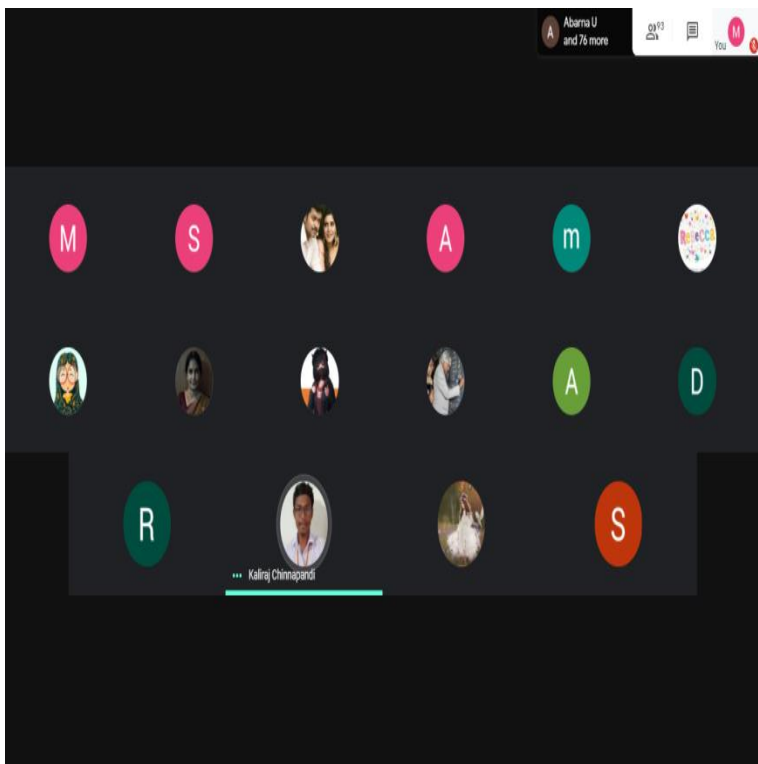
Brief Description	Outcome
There has been a great increase in the importance of mathematics to our society. The need for trained mathematicians at all levels is on the rise as the use of computers and automation has spread to almost all sectors of our economy. Nowadays, technological, engineering and business problems are often of such complexity that they require a high level of mathematical treatment.	This Enriched programme provide us the knowledge of various job opportunities found around us and helpful for the graduates , a guiding light for their upcoming career.
Photo 1	Photo 2
	
Caption : Invitation	Caption: http://meet.google.com/yfq-woqm-ugh



**5. Name & Title of the Activity: Student Enrichment Programme on Maths is
Omnipresent Inspirational Speech**

Date & Venue: 30.11.2020 & Google meet Platform

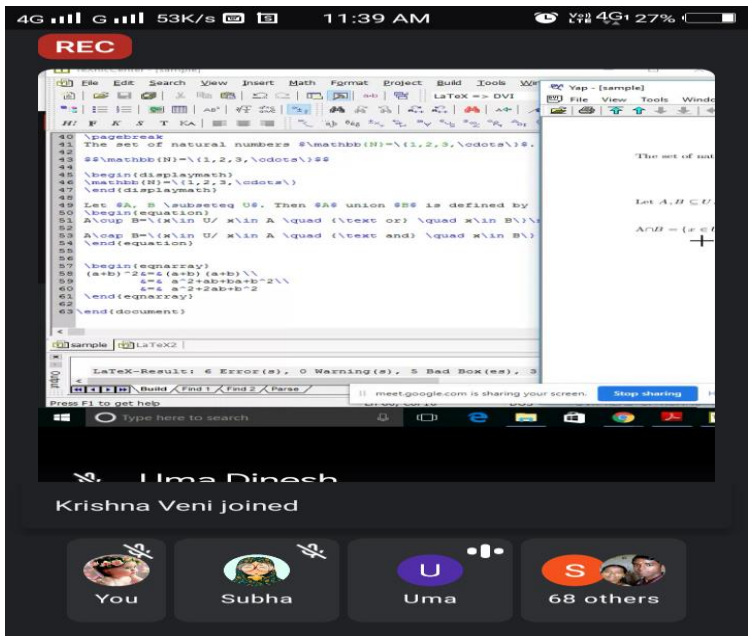
Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
You're not going to get very far in life based on what you already know. You're going to advance in life by what you're going to learn after you leave here.	1. How mathematics is intertwined with our life and easy ways to learn important definitions under algebra and analysis 2. Have some shortcuts to solve the clock sums in easy ways.
Photo 1	Photo 2
	
Caption: Invitation	Caption: http://meet.google.com/yfg-woqm-ujh



December (2020-2021) Month Report

- 6. Name & Title of the Activity: Students Enrichment Programme –
Two Days Training Program On Latex**
Date & Venue: 10.12.2020 - 11.12.2020 & Meeting Hall
Beneficiary & Number of Beneficiaries: Students - 115, Faculty - 10

Brief Description	Outcome
LaTeX, a document preparation system, is widely used for publishing in many scientific fields like mathematics, statistics, computer science, engineering, chemistry, physics, economics, linguistics, etc.. It is a powerful and open-source system that provides numerous facilities for automating typesetting of the document: i.e. structuring page layout, listing and auto-numbering of sections, tables, figures, generating a table of contents, managing cross-referencing, citing, and indexing.	Utilizing latex to build a technical text. Just how to write mathematical notations and formulas. Using latex to construct tables. How to insert a latex document also with figures
Photo 1	Photo 2
	
Caption : Invitation	Caption : http://meet.google.com/iok-serx-qpn?hs=122&authuser=0



March (2020-2021) Month Report

7. Name & Title of the Activity: Students Enrichment Programme - “Two days Training Programme on LATEX”

Date & Venue: 09.03.2021 – 10.03.2021 & Meeting Hall

Beneficiary & Number of Beneficiaries: Students – 120, Faculty - 10

Brief Description	Outcome
Latex is a document preparation system, which handles the type setting of mathematical expressions smoothly and elegantly. It has become the standard format for the creation and publication of research articles in Mathematics and many scientific fields. This skill is very useful for the students when they will go to their higher studies.	• Install and use Latex • Write documents containing mathematical formulas • Draws graphs and figures in LaTeX • Prepare presentation using LaTeX • Write articles in different journal styles.
Photo 1	Photo 2
	
Caption: Invitation	Caption: 1. Dr. N. Mohamed Rilwan gives a face to face lecture to our students on 09.03.2021 2. Dr. N. Shunmugapriya gives a face to face lecture to our students on 10.03.2021



8. Name & Title of the Activity: Students Enrichment Programme – Two days
Training on “Mathematics for Competitive Examinations”
Date & Venue: 11.03.2021 – 12.03.2021 & Meeting Hall
Beneficiary & Number of Beneficiaries: Students – 130, Faculty - 10

Brief Description	Outcome
This programme gives the students to get Job opportunities, to meet the challenges in future. To qualify themselves National Eligibility Test.	To enrich their divergent thinking, creativity skills and reasoning ability.
Photo 1	Photo 2
	
Caption: Invitation	Caption: Dr. C. Sekar gives a face to face lecture to our students on 11.03.2021 & 12.03.2021



**9. Name & Title of the Activity: Students Enrichment Programme -
Mathematics in Real Life Situation**

Date & Venue: 18.03.2021 & Meeting Hall

Beneficiary & Number of Beneficiaries: Students – 120, Faculty - 10

Brief Description	Outcome
Mathematics is a language of itself which explains the philosophy of human life in nature. Mathematics has so many avenues to understand each and every concept that we adopt in our life. The algebraic and analytical structure that learned through mathematics will create logical thinking in order to realize different situations in our real life	A human being can lead a smooth and productive life if he/she understand mathematics in a proper way.
Photo 1	Photo 2
	
Caption: Invitation	Caption: Dr. M. Sankar gives a face to face lecture to our students on 18.03.2021



10. Name & Title of the Activity: Student Enrichment Programme -

Vision of Students & Skill Development of Life Sciences

Date & Venue: 24.03.2021 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students - 125, Faculty - 10

Brief Description	Outcome
Degreed Career Mobility is a dynamic opportunity marketplace that connects your people to the projects, gigs, assignments, and jobs that matter most to your business right now. They stretch their skills and advance their careers. You seize opportunities.	This Enriched programme provide us the knowledge of various job opportunities found around us and helpful for the graduates , a guiding light for their upcoming career.
Photo 1	Photo 2
	
Caption : Invitation	Caption: http://meet.google.com/uqt-kcpt-xfr?hs=122&authuser=0

DBT Coordinator

PRINCIPAL

DEPARTMENT OF MATHEMATICS

Proforma for submission of Annual Progress Report supported under Star College Scheme

1. Name of the College : G.VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS),
Kovilpatti
2. Name of Coordinator, designation, Address, Phone nos. Dr. M. Subbulakshmi, Associate Professor, Department of Mathematics, G. Venkataswamy Naidu College, Kovilpatti, Mob: 9442445027
3. Assessment duration : 1/04/2021 to 31/03/2022 Duration in years : 1
4. Details of Departments Supported

Sl No	Name of Department	Courses (B.Sc./M.Sc./PG Diploma, certificate etc) offered	Regular Faculty members	
			Total = 5	
			With Ph.D.	Without Ph.D.
1.	Mathematics	B.Sc Mathematics	05	NIL

5. Number & Date of Advisory committee meeting:
6. **Qualitative improvements due to DBT support. (5 salient points)**
 - (i) Enhanced our teaching & learning skills
 - (ii) Improved the quality of our syllabus
 - (iii) Hands-on exposure to students and introduction of new practicals to understand theoretical concepts
 - (iv) Improved students' involvement in academic activities
 - (v) Enhanced our students' knowledge in the field of Mathematics by various resource persons from various institutions.
7. **Any Novel aspect introduced or planning to introduce during the Scheme duration:**
NIL
8. **Lessons learnt / difficulties faced/suggestions if any, in implementation of the programme and utilization of DBT grant:**
Lessons learnt:
 - (i) Introduction of Group Projects for final year students and compulsory internship for pre final year students.
 - (ii) Encourage our students to participate and present papers in Conferences/Seminars/Symposia, etc. and to develop good rapport among eminent subject experts
 - (iii) Encouragement of other department faculties for optimal use of equipment's and knowledge support.
 - (iv) Popularizing and elevating the image of the college through star college scheme activity.

Difficulties faced:

- (i) Reaching out school students to promote science during this pandemic period
- (ii) Hardship in organizing outreach activities to the general public during this pandemic period
- (iii) Due to this situation, Industrial visit / Internship programmes could not be completed

Suggestions: NIL

1. Key performance indicators

S. no	Indicator	Pre-support	During /After Support	Remarks
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1	No. of students admitted: 2019-2020	Total =48																
		M=03				F=45				M=0				F=0				
		SC	ST	OBC	G	SC	ST	OBC	G	SC	ST	OBC	G	SC	ST	OBC	G	
		08	-	39	1	-	-	-	-	-	-	-	-	-	-	-	-	
	No. of students admitted: 2020-2021	Total =45																
M=9				F=36														
SC		ST	OBC	G	SC	ST	OBC	G										
02		-	7	-	5	-	31	-										
2	No. of students passing out (%) Students Admitted/passing out (pass %)	No.of students passing out percentage								No.of students admitted percentage								
2019-2020 : 100%								2019-2020 : 48/48 = 100%										
2020 – 2021: 100%								2020-2021 : 45/48 = 93.75%										
2021 – 2022: awaiting for result								2021 – 2022: 48/48 = 100%										
3	Drop-out rates	2019-2020 : 01 2020-2021 : 01								-								
4	No. of students opting for MSc	2019-2020 : 15 2020 – 2021: 14								-								
5	Average marks																	
6	No. of hands-on experiments being conducted	NIL								NIL								
7	No. of new experiments introduced	Nil								NIL								
8	Publications (scopus indexed) /patents, ifany.	Nil								Nil								
9	Training received by faculty	Nil								02								
10	Exhibitions/seminars /training courses conducted	2019-2020 : Seminars – 01 Webinars - 02 Training Programme - 1 Refer Annexure I								2020-2021: Webinars – 5 Training Programme - 4 Refer Annexure II 2021 – 2022: Seminars – 01 Refer Annexure III								
11	Books/journals subscribed from Grants									1. Far East Journal of Applied Mathematics (ISSN 0972-0960) 2. Far East Journal of Mathematical Sciences (FJMS) (ISSN 0972-0871) 3. Universal Journal of Mathematics and Mathematical Sciences (ISSN								

			2277-1417)	
12	Outreach activities (Popular lectures)	Nil	Nil	
13	Colleges mentored to apply for DBT Star College grants	Nil	Nil	
14	Invited lectures	-	-	

ANNEXURE 1 – REPORT : 2019-2020

S.NO	DATE	DETAILS OF THE PROGRAM	RESOURCE PERSONS
1	29.08.2019	Aptitude Training Programme	1.Mr. T. Raja, Bank of Baroda 2.Mr. V. Antony Patturaj, Managing Director, Thoothukudi District Cooperative Union 3.Mr. Rathakrishnan Assistant Jailor 4.Mr. Balaguru, Senior Faculty, Suresh IAS Academy
2	18.10.2019	National Level seminar on “Algebra and Graph Theory ”	1.Dr. T. Tamizh Chelvan, Senior Professor(Rtd) M. S. University, Tirunelveli. 2. Dr. A. R. Rajan, Professor, Department of Mathematics, University of Kerala 3. Dr. T. Asir, Assistant Professor & HOD i/c, Madurai Kamaraj University, Madurai.
3	03.06.2020 to 05.06.2020	Three days International Webinar on Graph Theory & Human Factors in Aviation	1.Dr. T. Tamizh Chelvan, Senior Professor(Rtd) M. S. University, Tirunelveli. 2.Dr. T. Asir, Assistant Professor & HOD i/c, Madurai Kamaraj University, Madurai. 3.Mr. Manirao Ramachandrarao, Faculty- Aviation Science,



			CERT-Higher College of Technology, UAE
4	12.06.2020	One day Webinar on “Residue Theory and its Applications”	Dr. M. Balamurugan Assistant Professor Department of Mathematics K. R. College of Arts & Science Kovilpatti.

NNEXURE 2 – REPORT : 2019 - 2020

DBT STAR COLLEGE SCHME ACTIVITY

NAME OF THE DEPARTMENT MATHEMATICS

OCTOBER (2020-2021) MONTH REPORT

1. Name & Title of the Activity: A One Day Webinar on Matlab - A Prime Look

Date & Venue: 23.10.2020 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students - 125, Faculties - 10

Brief Description	Outcome
All numbers in MATLAB are floating point of type double which is great for a lot of numerical computing but here we are dealing with a purely integer algorithm. It can sometimes pay dividends to make this explicit in the code and this is one of those times! It turns out that the mod function has to do a lot more work when dealing with floating point and numbers	Narrate MATLAB software and its salient features as well as ready to work on MATLAB environment for our under graduate's students
Photo 1	Photo 2



G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS)
KOVILPATTI
(Under the Management of the Koyyuram Naidu Charitable Trust for Education and Medical Relief, Coimbatore-37)
(Re-Accredited by NAAC with 'A' Grade & STARS College Scheme by DBT-MST, Govt. of India)
Affiliated to Manonmaniam Sundaranar University, Tirunelveli

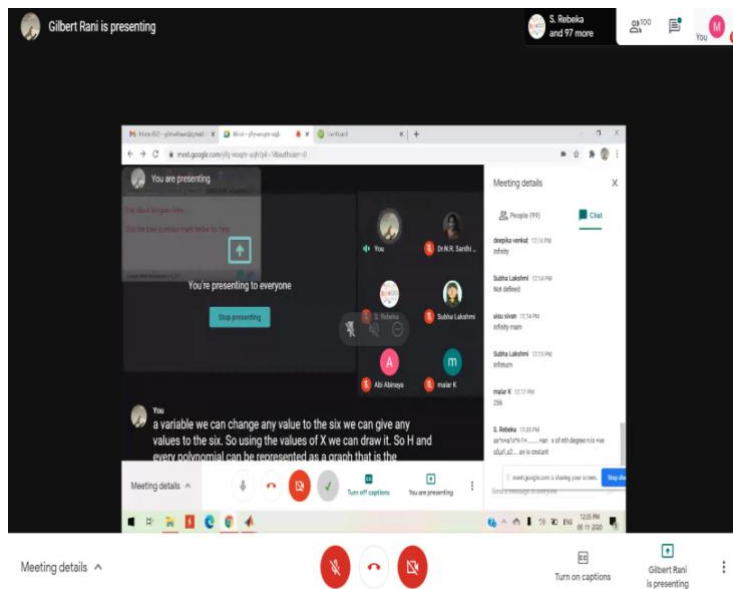
PG & Research Department of Mathematics
Cordially Invites You to Join DBT Sponsored
A ONE DAY WEBINAR ON
MATLAB - A PRIME LOOK

Resource Person :
Dr. M. GILBERT RANI,
Assistant Professor,
Department of Mathematics,
Arul Anandar College,
Karumathur, Madurai District.

Patron : Dr. P. Mahendran, Secretary
Co-Patron : Dr. N. R. Santhi Maheshwari,
HOD & Principal (i/c)
Convenor : Dr. M. Subbulakshmi,
Associate Professor

Co-Ordinators :
Dr. A. Pandiarani
Dr. E. Sucila
Dr. R. Krishnaveni
Dr. N. Shunmuga Priya
Mrs. S. Mariyammal
Ms. S. SivaBala
Mrs. G. Jethruth Thresa
Ms. M. Alagu Ramalakshmi

DATE : 23-10-2020
TIME : 10.30 AM
Google Meet Link:
<https://meet.google.com/eqq-eeai-fsk>



Caption : Invitation

Caption : <http://meet.google.com/eqq-eeai-fsk>

November (2020-2021) Month Report

2. Name & Title of the Activity: Student Enrichment Programme on Basic

Ideas of MATLAB

Date & Venue: 06.11.2020 & 09.11.2020 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students - 120, Faculties - 10

Brief Description	Outcome
Matlab has an extensive set of built-in functions as well as additional toolboxes that	1. Perform the arithmetic operations. 2. Find roots of given polynomials.



concepts of functions related to more specialized topics like fuzzy logic, neural networks, signal processing, etc. It can be used in two different ways: as a traditional programming environment and as an interactive calculator.

3. Do form the polynomials from the
4. Evaluate the value of the function at a given point
5. Plot graph against the given 2D,3D values.
6. Cater the knowledge of different types graphs available in MATLAB.
7. Draw a suitable graph for given data.
8. Design the graph

Photo 1

Photo 2

G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS)
KOVILPATTI
(Under the Management of the Kuppaswamy Naidu Charitable Trust for Education and Medical Relief, Coimbatore-37)
(Re-Accredited by NAAC with 'A' Grade & STAR College Scheme by DBT-MST, Govt. of India)
Affiliated to Manonmaniam Sundaranar University, Tirunelveli

PG & Research Department of Mathematics
Cordially Invites You to Join DBT Sponsored
Students Enrichment Programme on
Basic Ideas of MATLAB

Resource Person :
Dr. M. GILBERT RANI,
Assistant Professor,
Department of Mathematics,
Arul Anandar College,
Karumathur, Madurai District.

Patron : Dr. P. Mahendran, Secretary
Co-Patron : Dr. N. R. Santhi Maheswari,
HOD & Principal (i/c)
Convenor : Dr. M. Subbulakshmi,
Associate Professor
DBT Co-Ordinator : Dr. B. Mahesh Kumar,
Head Of the Department, Botany

Co-Ordinators :
Dr. A. Pandiarani
Dr. E. Sujila
Dr. R. Krishnaveni
Dr. N. Shunmugapriya
Mrs. S. Mariyammal
Ms. S. Sivabala
Mrs. G. Jethruth Thresa
Ms. M. Alagu Ramalakshmi

DATE & TIME :
06-11-2020_ 12.00 noon &
09-11-2020_ 2 p.m.
Google Meet Link:
<http://meet.google.com/yfq-woqm-uhq>

Gilbert Rani is presenting

Meeting details X

People (10)

Chat

kamaladevi 12:09
Good afternoon mam

SIVAPRIYA 12:10
Good afternoon mam

deepika venkat 12:14
infirum

Babha Lakshmi 12:14
Not defined

also shan 12:14
infirum mam

Babha Lakshmi 12:15
infirum

mular K 12:17
256

S. Reheka 12:35
a) x^4 + 2x^3 + 3x^2 + 4x + 5 is of 4th degree n is 4
b) x^4 + 2x^3 + 3x^2 + 4x + 5 is constant

Meeting details ^

Turn on captions

Gilbert Rani is presenting

Send a message to everyone

Caption: Invitation

Caption: <http://meet.google.com/yfq-woqm-uhq>

3. Name & Title of the Activity: Students Enrichment Programme

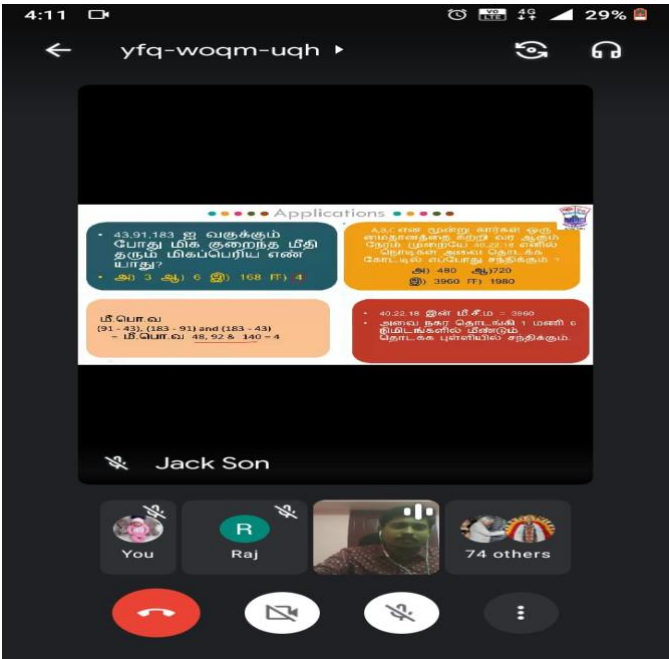
Strategical Learning For Competitive Exams

Date & Venue: 27.11.2020 & Google meet Platform



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Photo 1	Photo 2
	
Caption : Invitation	Caption: http://meet.google.com/yfq-woqm-ugh

4 . Name & Title of the Activity: Student Enrichment Programme-

Employment Opportunities for Mathematics

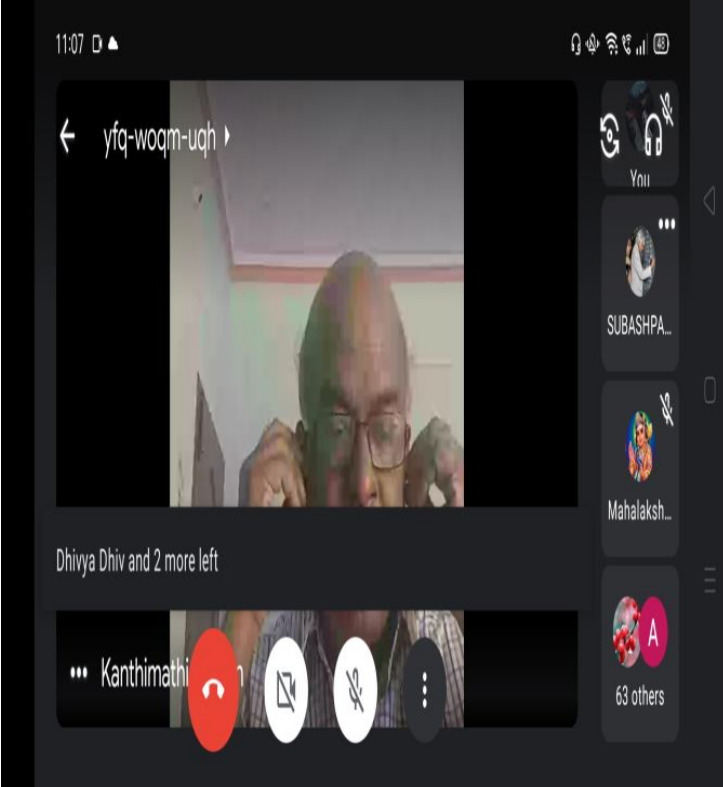


Graduates.



Date & Venue: 28.11.2020 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students - 125, Faculties - 10

Brief Description	Outcome
There has been a great increase in the importance of mathematics to our society. The need for trained mathematicians at all levels is on the rise as the use of computers and automation has spread to almost all sectors of our economy. Nowadays, technological, engineering and business problems are often of such complexity that they require a high level of mathematical treatment.	This Enriched programme provide us the knowledge of various job opportunities found around us and helpful for the graduates , a guiding light for their upcoming career.
Photo 1	Photo 2
	
Caption : Invitation	Caption: http://meet.google.com/yfg-woqm-uqh

5. Name & Title of the Activity: Student Enrichment Programme on Maths is

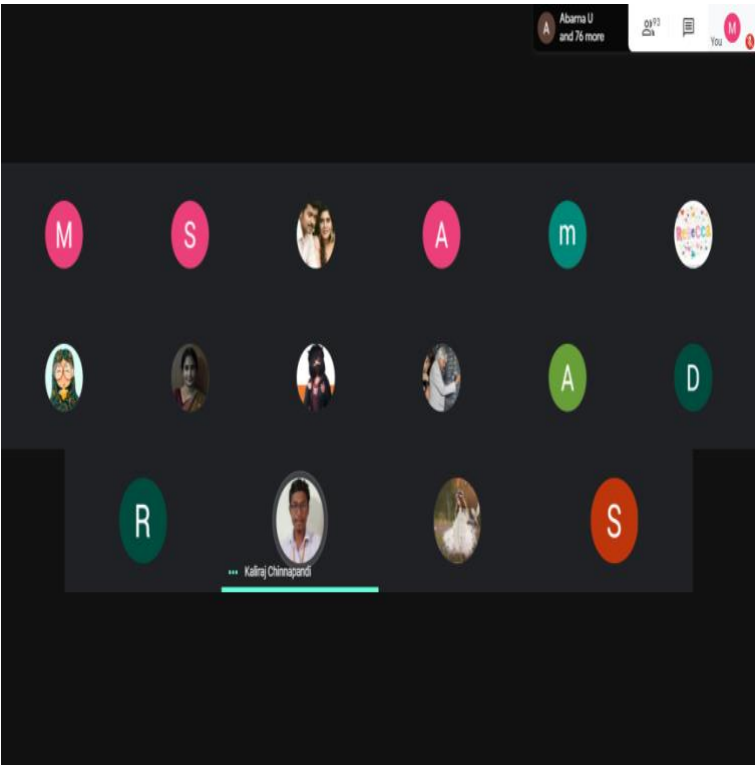


Omnipresent Inspirational Speech



Date & Venue: 30.11.2020 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
You're not going to get very far in life based on what you already know. You're going to advance in life by what you're going to learn after you leave here.	1. How mathematics is intertwined with our life and easy ways to learn important definitions under algebra and analysis 2. Have some shortcuts to solve the clock sums in easy ways.
Photo 1	Photo 2
	
Caption: Invitation	Caption: http://meet.google.com/yfg-woqm-uhq

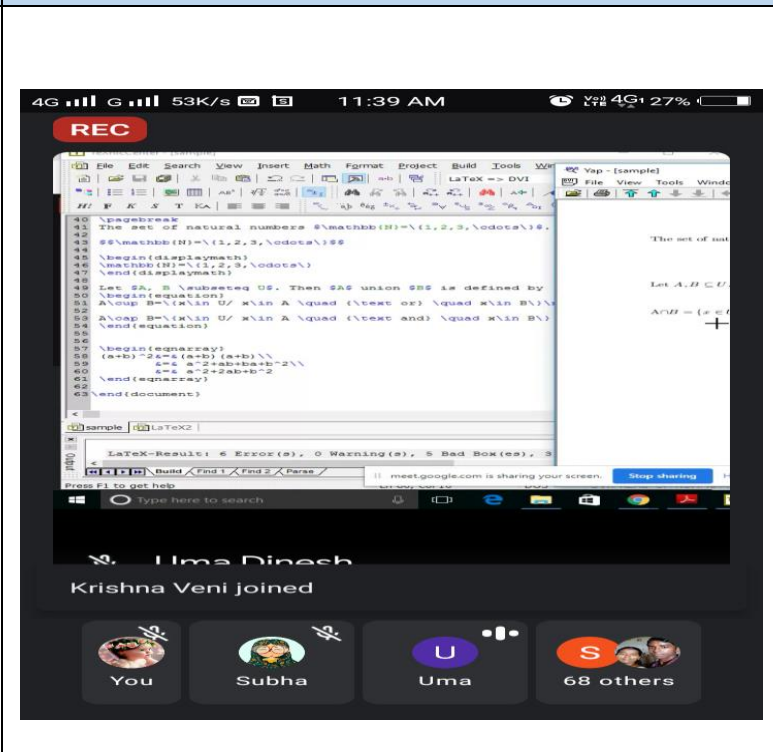
DECEMBER (2020-2021) MONTH REPORT

6. Name & Title of the Activity: Students Enrichment Programme –

Two Days Training Program On Latex

Date & Venue: 10.12.2020 - 11.12.2020 & Meeting Hall

Beneficiary & Number of Beneficiaries: Students - 115, Faculty - 10

Brief Description	Outcome
LaTeX, a document preparation system, is widely used for publishing in many scientific fields like mathematics, statistics, computer science, engineering, chemistry, physics, economics, linguistics, etc.. It is a powerful and open-source system that provides numerous facilities for automating typesetting of the document: i.e. structuring page layout, listing and auto-numbering of sections, tables, figures, generating a table of contents, managing cross-referencing, citing, and indexing.	Utilizing latex to build a technical text. Just how to write mathematical notations and formulas. Using latex to construct tables. How to insert a latex document also with figures
Photo 1	Photo 2
	



Caption : Invitation



Caption : <http://meet.google.com/iok-ser..gpn?hs=122&authuser=0>

March (2020-2021) Month Report

7. NAME & TITLE OF THE ACTIVITY: STUDENTS ENRICHMENT PROGRAMME - "TWO DAYS

TRAINING PROGRAMME ON LATEX"

DATE & VENUE: 09.03.2021 – 10.03.2021 & MEETING HALL

BENEFICIARY & NUMBER OF BENEFICIARIES: STUDENTS – 120, FACULTY - 10

Brief Description	Outcome
Latex is a document preparation system, which handles the type setting of mathematical expressions smoothly and elegantly. It has become the standard format for the creation and publication of research articles in Mathematics and many scientific fields. This skill is very useful for the students when they will go to their higher studies.	• Install and use Latex • Write documents containing mathematical formulas • Draws graphs and figures in LaTeX • Prepare presentation using LaTeX • Write articles in different journal styles.
Photo 1	Photo 2
	
Caption: Invitation	Caption: 1. Dr. N. Mohamed Rilwan gives a



face to face lecture to our student
on 09.03.2021

2. Dr. N. Shunmugapriya gives a
face to face lecture to our students
on 10.03.2021

8. Name & Title of the Activity: Students Enrichment Programme – Two days

TRAINING ON “MATHEMATICS FOR COMPETITIVE
EXAMINATIONS”

Date & Venue: 11.03.2021 – 12.03.2021 & Meeting Hall

BENEFICIARY & NUMBER OF BENEFICIARIES: STUDENTS – 130,
FACULTY - 10

Brief Description	Outcome
This programme gives the students to get Job opportunities, to meet the challenges in future. To qualify themselves National Eligibility Test.	To enrich their divergent thinking, creativity skills and reasoning ability.
Photo 1	Photo 2
Caption: Invitation	Caption: Dr. C. Sekar gives a face to face lecture to our students on 11.03.2021 & 12.03.2021



9. NAME & TITLE OF THE ACTIVITY: STUDENTS ENRICHMENT PROGRAMME -

MATHEMATICS IN REAL LIFE SITUATION

DATE & VENUE: 18.03.2021 & MEETING HALL

BENEFICIARY & NUMBER OF BENEFICIARIES: STUDENTS – 120, FACULTY -

10

Brief Description	Outcome
Mathematics is a language of itself which explains the philosophy of human life in nature. Mathematics has so many avenues to understand each and every concept that we adopt in our life. The algebraic and analytical structure that learned through mathematics will create logical thinking in order to realize different situations in our real life	A human being can lead a smooth and productive life if he/she understand mathematics in a proper way.
Photo 1	Photo 2
	
CAPTION: INVITATION	CAPTION: DR. M. SANKAR GIVES A FACE TO FACE LECTURE TO OUR STUDENTS ON 18.03.2021



10. Name & Title of the Activity: Student Enrichment Programme -

Vision of Students & Skill Development of Life Sciences

Date & Venue: 24.03.2021 & Google meet Platform

Beneficiary & Number of Beneficiaries: Students - 125, Faculty - 10

Brief Description	Outcome
Degreed Career Mobility is a dynamic opportunity marketplace that connects your people to the projects, gigs, assignments, and jobs that matter most to your business right now. They stretch their skills and advance their careers. You seize opportunities.	This Enriched programme provide us the knowledge of various job opportunities found around us and helpful for the graduates , a guiding light for their upcoming career.
Photo 1	Photo 2
Caption : Invitation	Caption: http://meet.google.com/uqt-kcpt-xfr?hs=122&authuser=0



ANNEXURE 3 – REPORT : 2021-2022

S.NO	DATE	DETAILS OF THE PROGRAM	RESOURCE PERSONS
1	04.09.21	Role of Mathematics in the Field of Entrepreneurship	Mr. R. Selvaraj, Founder & CEO of Sri Renuka Group of companies, Kovilpatti
2	01.10.21	Students Awareness Program - How to Publish Articles in Scopus Journals” ”	Dr. V. Ramanathan, Post-Doctoral Fellow, Periyar University, Salem
3	11.10.21	Relaxation Technique	Mr. K. Gnanasekar, Heartfulness Organization, Kovilpatti
4	20.10.21	Fun of Mathematics	Dr. N. R. Santhi Maheswari, Principal & Head, PG & Research Department of Mathematics, G. Venkataswamy Naidu College, Kovilpatti .
5	25.10.21	Students Enrichment Program – Application of Differential Equation in Real Life Situation	Dr. N. Mohamed Rilwan, Assistant Professor, Department of Mathematics, Sadakathullah Appa College, Tirunelveli
6	30.10.21	Students Enrichment Program – Group of Symmetries and its Applications	Dr. S. Kavitha, Assistant Professor, Department of Mathematics, Gobi Arts and Science College, Gobichettipalayam, Erode
7	26.11.21	One day National Seminar on Recent Trends in Graph Theory & Its Applications	Prof. T. Tamizh Chelvam, CSIR – Emeritus Scientist, MSU, Dr. P. Shankar, Assistant Professor, Cochin University of Science & Technology, Ernakulam Prof. R. Kala, Head, Department of Mathematics, MSU

DBT Coordinator

PRINCIPAL

ANNEXURE 3 – REPORT : 2022-2023

DBT STAR COLLEGE SCHEME ACTIVITY

DEPARTMENT OF MATHEMATICS

1. Name & Title of the Activity: “Student Enrichment Programme – Two Days Workshop on MATLAB”

Date & Venue: 25.08.2022 & GVN COLLEGE, KOVILPATTI

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
All numbers in MATLAB are floating point of type double which is great for a lot of numerical computing but here we are dealing with a purely integer algorithm. It can sometimes pay dividends to make this explicit in the code and this is one of those times! It turns out that the mod function has to do a lot more work when dealing with floating point and numbers	Narrate MATLAB software and its salient features as well as ready to work on MATLAB environment for our under graduate’s students
Photo 1	Photo 2
	
Caption :	Caption :

2. Name & Title of the Activity: “Student Enrichment Programme – Five Days Workshop on PYTHON”

Date & Venue: 17.10.2022 to 21.10.2022 & Math Lab

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.	1. Data analysis and machine learning 2. Web development 3. Automation or scripting 4. Software testing and prototyping 5. Everyday tasks
Brief Description	Outcome



Photo 1	Photo 2
Caption :	Caption :

3. Name & Title of the Activity: “Student enrichment Programme – Awareness on Scientific Inventions (Debate)”

Date & Venue: 21.10.2022 & GVN COLLEGE, KOVILPATTI

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
A debate can be an organized event, an informal discussion between two or more people, or a general discussion that involves many people. A discussion between people in which they express different opinions about awareness on Scientific Inventions.	1. Mankind has been able to live better lives. 2. saves time and energy. 3. People’s physical health is impacted by technology. 4. Technology is used by people to commit crimes.
Photo 1	Photo 2
Caption :	Caption :

4. Name & Title of the Activity: “Student Enrichment Programme - Pebbling in Graphs”

Date & Venue: 27.10.2022

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10



Brief Description	Outcome
Graph theory is one of the most propulsive areas of Contemporary Mathematics. Resource persons presented some of the basic graph theoretic concepts in research area together with some open problems in this scientific field.	This seminar provides the knowledge about research areas and motivated their research work.
Photo 1	Photo 2
Caption :	Caption :

5. Name & Title of the Activity: “Student Enrichment Programme - Vedic Mathematics”

Date & Venue: 04.11.2022, GVN COLLEGE, KOVILPATTI

Beneficiary & Number of Beneficiaries: : Students: 120, Faculties: 10

Brief Description	Outcome
Vedic Maths or Vedic Mathematics is a collection of Methods or Sutras to solve numerical computations quickly and faster. It consists of 16 Sutras called Formulae and 13 sub-sutras called Sub Formulae, which can be applied to the solving of problems in arithmetic, algebra, geometry, calculus, conics, etc. All the sutras and sub sutras of Vedic maths help to perform mathematical operations quickly and accurately.	• Overcome the fear of maths • Improved critical thinking • Familiarity with the mathematical underpinnings and techniques • Ability to do basic maths faster and with ease.
Photo 1	Photo 2



Caption :	Caption :
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6. Name & Title of the Activity: “ Ramanujan Birthday Celebration – GANIT 2K22”

Date & Venue: 19.12.2022 to 23.12.2022 & GVN COLLEGE, KOVILPATTI.

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
The National Mathematics Day is celebrated to commemorate the birth anniversary of the great Indian mathematician Srinivasa Ramanujan. It is celebrated to spread awareness about the importance of mathematics and the contributions made by Srinivasa Ramanujan, in the field of mathematics. On this occasion, our Department organise several competitions like pencil art, mathematical modelling, Quiz, Math Rangoli and Math Mehendi.	To encourage students to go beyond textbooks and get engage in critical thinking and logical reasoning.
Photo 1	Photo 2
	
Caption :	Caption :

7. Name & Title of the Activity: Teaching and Learning Math Concepts using Geogebra on

Date & Venue: 20.01.2023 & GVN COLLEGE, KOVILPATTI

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
The development and presence of computer technology have opened opportunities and made it easy for many parties to use it in various aspects of life, including in the world of education, as a tool and means of supporting education. One computer program that can be used in mathematics learning is Geogebra software. Geogebra is a computer program to support teaching and learning	The various facilities provided by Geogebra software expect that it can be a great media to help its users visualise abstract geometric objects quickly, accurately, and efficiently



mathematics subject, especially in geometry, algebra, and statistics.	
Photo 1	Photo 2
	
Caption :	Caption :

8. Name & Title of the Activity: International Conference on Recent Trends in Mathematics & Its Opportunities

Date & Venue: 17.02.2023 & GVN COLLEGE, KOVILPATTI

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
The International conference provides is meaningful forum for Mathematcs aspirants with Alumni experts coming from in and around our country to exchange information on the impact of current applications of Modern Mathematics.	The participants are sure to have a good exposure in opportunities to face the challenges in the field.
Photo 1	Photo 2
	
Caption :	Caption :



9. Name & Title of the Activity: “Brilliant Math Quiz for Clever Minds – 2K23”

Date & Venue: 23. 02.2023 & St. Joseph Higher Secondary School, Kovilpatti

Beneficiary & Number of Beneficiaries: Students: 120, Faculties: 10

Brief Description	Outcome
This Outreach Program is conducted mainly to develop interest among school students in Mathematics and to motivate the students about the importance of Mathematics.	Simple tricks given to solve problem is very useful for the students and the students are get motivated.
Photo 1	Photo 2
	
Caption :	Caption :