

# Jamal Mohamed College, Trichy-20

## PG & Research Department of Mathematics

Department of Mathematics provides an effective platform for students to develop latest skills, knowledge, attitude, values to shape their behaviour in the correct manner. Departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. The department organizes Inter collegiate meet. Also, students are motivated to participate in inter college competitions. The Mathematics department focuses on the student-centric methods of enhancing lifelong learning skills of students. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

The department imparts the following **experiential learning** practices to enhance creativity and cognitive levels of the students

- Laboratory Sessions
- Internship - Hands on training
- Industrial Visits
- Certificate Courses (Value Added Courses)

**Participatory Learning:** In this type of learning, students participate in various activities such as seminar, projects, and the skill based add on courses.

- Seminar/ Workshop
- Project work
- Participation in competition at various level
- Outreach

**Problem-solving methods:** Departments encourage students to acquire and develop problem-solving skills. For this, Department organizes expert lectures on various topics, motivate students to join MOOC courses, participate in various inter-college and intra-college meet and other competitions such as:

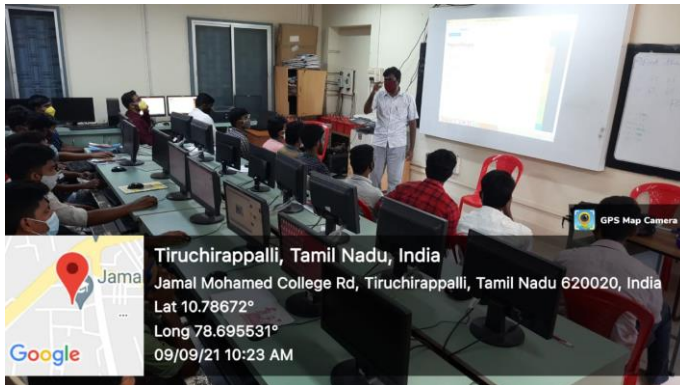
- Regular Assignments based on problems
- Group Project
- Class presentations
- Participation in Inter college event

**Click to view:**

- [Webinars/Seminars/Workshops/Hands on Trainings/Expert Talks](#)
- [Internship](#)
- [Industrial Visit](#)
- [Project](#)
- [Value Added Courses](#)

**Sample Snapshots of Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences in the Department of Mathematics.**

**LAB PRACTICUM**



## INTERNSHIP



### **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)



### **VIRTUAL INTERNSHIP PROGRAMME**

This is to certify that Mr. / Ms.

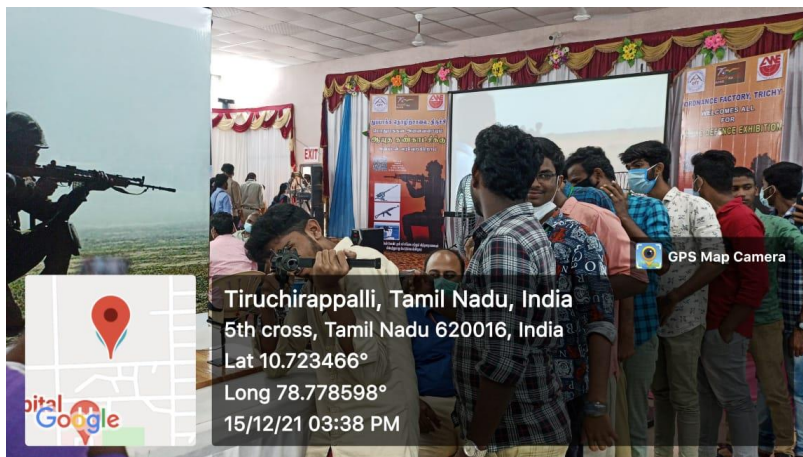
**ABDUL RAHMAN MOHAMED AATHIL R**

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

## INDUSTRIAL VISITS



WEBINARS/ SEMINARS/ WORKSHOPS



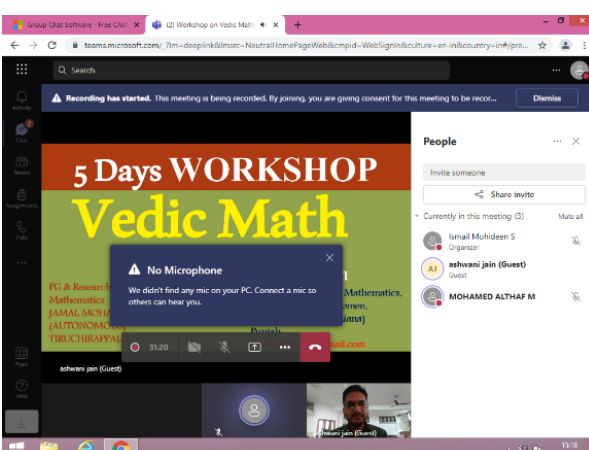
**Department of Mathematics**  
(Under DBT Star College Scheme)  
**Jamal Mohamed College, Tiruchirappalli & TamilNadu Science Forum**  
College Students Branch, Tiruchirappalli  
Jointly organises  
**National Level Webinar on "Indian Science : COVID 19 Scenario"**

**Keynote Speaker**  
**Dr.TV.Venkateswaran**  
Scientist "F"  
Vigyan Prasar  
Department of Science & Technology  
New Delhi, India

**Date : 29.05.2020**  
**Time : 11:00 am - 12.00 noon**  
**Who Attend : Faculties and Students**

- No Registration Fee
- E-Certificate will be provided
- Limited entries are available FCFS (100 Participants only)
- Webinar session will be through ZOOM online Meeting app;
- Meeting link will be sent to your registered E-mail ID on or before 5 hours of commencement of the LIVE Webinar
- Registration Link : <https://forms.gle/VGF7cTrMyXZkAa199>

**For queries: 9976162422 | 9787866135 | 8438123172**

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded.

**5 Days WORKSHOP Vedic Math**

PG & Research Department of Mathematics, JAMAL MOHAMED COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI

People: Invite someone, Share invite, Currently in this meeting (3), Jamal Muthideen S (Organizer), Ashwani Jain (Guest), MOHAMED ALTHAF M (Guest)

No Microphone: We didn't find any mic on your PC. Connect a mic so others can hear you.



# **APPLICATION OF FUZZY MATRICES IN MEDICAL DIAGNOSIS**

*A Project submitted to*  
Jamal Mohamed College (Autonomous)  
*Affiliated to Bharathidasan University, Tiruchirappalli*  
*In partial fulfillment of the requirements for the award of the degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*  
**K. ASHWIN**  
*(Reg. No: 19PMA003)*

*PROJECT GUIDE*  
**Mr. N. MOHAMED THOYAB, M.SC., M.PHIL., B.Ed., SET**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**JAMAL MOHAMED COLLEGE (Autonomous)**  
College with Potential for Excellence  
Accredited (3<sup>rd</sup> Cycle) with "A" Grade by NAAC  
DBT Star College Scheme & DST-FIST Funded.  
(Affiliated to Bharathidasan University)  
**THIRUCHIRAPPALLI-20.**

**APRIL 2021**

# USE OF PERT NETWORK ANALYSIS IN PROJECT MANAGEMENT PROBLEMS

Under Graduate Group Project under DBT Star College Scheme

## Submitted by

Name	Roll Number	Department
ARIVUSUDAR P	18UA5003	Mathematics
CHANDRU L	18UA5006	Mathematics
DEVA P	18UA5008	Mathematics
GOBI B	18UA5011	Mathematics
GOPINATH S	18UA5015	Mathematics
VENDHAN S.S	18UA5065	Mathematics

Under the support and guidance of  
Dr. A. NAGOOR GANI, M.Sc., M.Phil.,  
M.S.(software), Ph.D.  
Associate Professor of Mathematics

*Submitted to*



Since 1951

**JAMAL MOHAMED COLLEGE (AUTONOMOUS)**

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DBT Star College Scheme & DST-FIST Funded  
(Affiliated to Bharathidasan University)

**TIRUCHIRAPPALLI – 620 020**

**March 2021**



# A STUDY ON ADVANTAGES AND DISADVANTAGES OF ONLINE CLASSES

## Group Project Under DBT Star College Scheme

Name	Submitted by Roll Number	Department
DHAMEEM ANSARI M	18UA5009	Mathematics
DHANUMALAIYAN A	18UA5010	Mathematics
HARISHRAJ	18UA5017	Mathematics
JANARTHANAN V	18UA5019	Mathematics
PRITHIVIRAJ R	18UA5045	Mathematics
RIYAS AHAMED B	18UA5051	Mathematics

Under the support and guidance of  
**Dr. A. MOHAMED ISMAYIL M.Sc, M.Phil, PGDCA, Ph.D.,**  
Associate Professor of Mathematics

*Submitted to*



Since 1951

**JAMAL MOHAMED COLLEGE (AUTONOMOUS)**

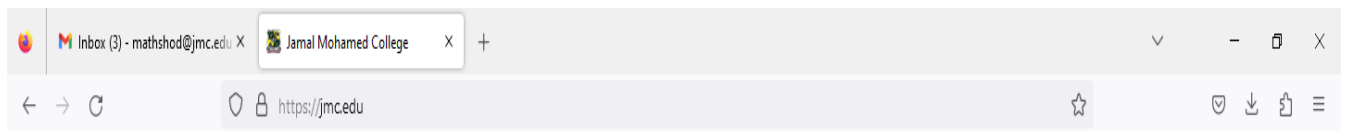
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DBT Star College Scheme & DST-FIST Funded  
(Affiliated to Bharathidasan University)  
**TIRUCHIRAPPALLI – 620 020**

**March 2021**

## OUTREACH ACTIVITY



## E-Learning Portals



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- Admissions
- Student's Corner
- Examination
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- Placement
- Research
- RTI
- IQAC

### SPOT LIGHT

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- > BDU
- > UGC
- > AICTE
- > NAAC

#### Research Related Links

- > Research Programmes
- > Research Portal
- > UGC Care
- > Scopus

#### Student Related Links

- > Admissions
- > Placement
- > Hostel
- > Scholarships
- > E-Portal

#### Contact

(0431) 2331135, 9894731035

princi@jmc.edu

www.jmc.edu

Jamal Mohamed College,

P.Box.No : 808, #7, Race Course Road,  
Khajanagar, Tiruchirappalli-620 020.

VISITOR COUNTER : 1037531



# ONLINE COURSE CERTIFICATE

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21HS93S24371729  
To:  
DELPHIN RAJA M  
20/45 MIDDLE STREET  
IRUDAYAKULAM, VICKARAMASINGAPURAM  
TIRUNELVELI  
TAMILNADU - 627425  
PH. NO. 9786023267



Score	Type of Certificate
$\geq 80$	Elite+Gold
75-80	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DELPHIN RAJA M**  
for successfully completing the course

### Body Language: Key to Professional Success

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	44.39/75
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Total number of candidates certified in this course: 1571

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Aug 2021  
(4 week course)

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21HS93S24371729

To validate and check scores: <https://nptel.ac.in/noc/>

ICT ENABLED CLASSROOM

