

(Autonomous), Affiliated to Osmania University Re-accredited by NAAC (3rd Cycle) with B++ King Koti Road, Hyderabad

### **Department of Mathematics and Statistics**

#### NOTICE

Ref No: SJC/MS/ 29-07-2022/02

Date: 29.07.2022

This is to inform the faculty of Sciences and Students of B.Sc II & III year that the Department of Mathematics & Statistics has planned to organize Two Day Workshop cum Faculty Development Program on MATLAB Software on 02.08.22 & 03.08.22 from 1:30 PM to 3:30 PM in 3<sup>rd</sup> floor Computer Lab.

#### Faculty Coordinators:

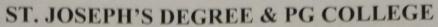
1. Mrs. J. Harika

2. Mr. M. Sathyanarayana

Mr. D. Srinivas Reddy

glavam

Rev. Fr. Dr. D. Sunder Reddy



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#### DEPARTMENT OF MATHEMATICS &STATISTICS

Academic Year 2022-2023

Ref. No. SJC/02 / 03-08-2022/DS/02

TWO-DAY MATLAB WORKSHOP CUM FACULTY DEVELOPMENT PROGRAMME

#### PROGRAMME SCHEDULE

Date: 02-08-22 & 03 -08-2022 Venue: Room No. COMPUTER LAB-3rd FLOOR LAB

	DAY1: 02-08-2022	
1.30 pm to 1.35 pm	Prayer - Rev. Fr. Prabhu Das	
1.35pm to 1.40 pm	Resource Person Profile reading –Mr. D. Srinivas Reddy, Head of the department	
1.40pm to 1.45 pm	Welcoming the Resource Person	
1.45pm to3.20 pm	Resource Person Talk on MATLAB Basic Concepts & Applications of MATLAB	
3.20pm to3.30 pm	Question & Answer session	
3.30 pm to 3.40pm	Online feedback- Mrs. J. Harika & Minutes: Mr. M. Satyanarayana	
3.40 pm to 3.50pm	Vote of thanks - Mrs. J. Harika	
	DAY-2: 03-08-2022	
1.30 pm to 1.35 pm	Prayer - Rev. Fr. Prabhu Das	
1.35 pm to 1.50 pm	Review of previous session - Mrs. J. Harika	
1.50pm to 4:30pm	Resource Person Talk on MATLAB Workshop Cu Faculty Development Programme - Lab session	
4.30 pm to 4.40 pm	Question & Answer session	
3.40 pm to 3.50 pm	Online feedback- Mrs. J. Harika & Minutes: Mr. M. Satyanarayana	
4.45 pm to 4.50 pm	Felicitation to resource person – Principal / HoD	
4.50pm to 5.00 pm	Vote of thanks - Mrs. S. Vijayalaxmi	

HoD

Mr.D.Srinivas Reddy

IGAC

Dr. Danam Tressa

Principal

Fr. Dr. D. Sunder Reddy



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#### DEPARTMENT OF MATHEMATICS AND STATISTICS

#### Report on Workshop cum Faculty Development Program

Name of the event : Workshop cum Faculty Development Program on

MATLAB Software

Date : 02.08.2022 & 03.08.2022

Time : 1.30PM to 4.00PM & 2.00PM to 5.00PM

Venue : St. Joseph's degree & PG College

III floor Computer Lab

Target group : Science Faculty & Selected B. Sc Students

Faculty Coordinators: Mrs. J. Harika & Mr. M. Sathyanarayana

#### Objective:

The main objective of the workshop cum Faculty Development on MATLAB Software is to get acquainted with MATLAB tools and commands and their use on how to solve many problems in various mathematical subjects as the department has planned to solve the practical problems Using the software

#### Brief of the Day-1 Report:

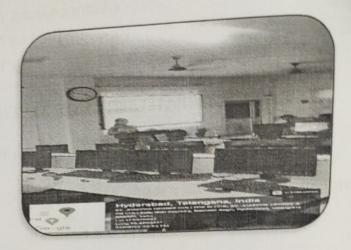
The workshop was started with a prayer by Fr. Prabhu Das at 1.30 in III floor computer lab.

Mrs J.Harika from the department welcomed the resource person Bable Vithal Raja ram and Mr. D. Srinivas Reddy, Head of the department briefed the profile of the resource person.

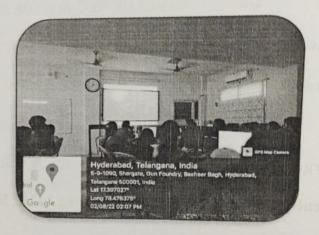
The session started with the introduction to MATLAB software and the windows in the software. Also explained about the tools used in the software and various real life applications using the software. The session was insightful and informative. The faculty and students were interactive throughout the session and actively participated in the workshop. The Day-I workshop was ended up with the question and answer session.

#### Photos:







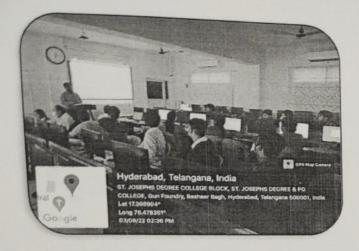


#### Brief of the Day-2 Report:

The Day-2 workshop started at 2.00PM in III floor computer lab. The resource person started the session by reviewing the day-1 concepts. The basic examples and concepts explained which was explained in the previous session were explored by providing hands on training using the programming tools and commands like Plots in MATLAB, Generating Polynomial from roots, Plotting Graphs on various topics such as algebra, polynomials, matrices, trigonometric functions, logarithmic, exponents and differential and integral calculus. The session was very informative and the faculty and students were interactive throughout the session and followed by question and answer session.

Mr. D. Srinivas Reddy, Head of the department felicitated the resource person with a memento by thanking him for his insightful session. The session was ended up by proposing the vote of thanks by Mrs.S. Vijayalaxmi from the department

#### Photos enclosed:







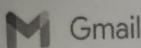
#### Outcome:

The faculty and the students gained a fair knowledge on the software tools and commands on how to solving various mathematical problems.

Mr. D. Srinivas Reddy

IQAC
Dr. Danam Tressa

Fr. Dr. D. Sunder Reddy



harika janagama <harikajanagama@josephscollege.ac.in>

## Invitation Letter for Workshop cum Faculty Development Program on MATLAB

2 messages

harika janagama <harikajanagama@josephscollege.ac.in> To: "infotechvisionai@gmail.com" <infotechvisionai@gmail.com> Mon, Aug 1, 2022 at 4:21 PM

Please acknowledge the invitation letter for Workshop cum Faculty Development Program on MATLAB software

with regards, J.Harika Assistant Professor Dept of Mathematics & Statistics St. Joseph's degree & PG College Ph no:9966296494



Letter for Workshop on MATLAB.doc 36K

TechVisionAl Research Pvt.Ltd. Matlab Projects <infotechvisionai@gmail.com> To: harika janagama <a href="mailto:harika janagama@josephscollege.ac.in">harika janagama <a href="mailto:harika janagama@josephscollege.ac.in">harika janagama <a href="mailto:harika janagama@josephscollege.ac.in">harika janagama <a href="mailto:harika janagama@josephscollege.ac.in">harika janagama@josephscollege.ac.in</a>

Mon, Aug 1, 2022 at 8:30 PM

we received an invitation. We will be there at 1 oclock as per our discussion.

Thank You. [Quoted text hidden]

### MATLAB TRAINER PROFILE



Name: Bable Vithal Rajaram

Contact Number: 9175590898

Contact Email: vithalbable007@gmail.com

Qualification: B. Tech (ECE), M. Tech (CSE), Perusing PhD in CSE

Experience: Total 6.6 years of experience

Present Working as Senior Matlab Developer at TechVisionAI Research and Development Pvt Ltd., Hyderabad.

#### Area of Interest:

- 1. Digital Image Processing
- 2. Digital Signal Processing
- 3. Digital Communication
- 4. Artificial Intelligence and Machine Learning
- 5. Internet of Things

I have hands on experience on matlab-Mathematics as it is required in my Matlab development work for computer vision and Artificial Intelligence.



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Date:02.08.2022

Venue: III floor Lab

## Faculty Attendance List of MATLAB workshop

Day-1 S. No Name of the Faculty Signature 1 Mrs. J. Harika 2 Mrs. B. Vijayalanni 3 4 5 6 7 8 9 10



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Date:02.08.2022

Venue: III floor Lab

Students Attendance List of MATLAB workshop

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V	-~ U	-

S. No	Roll no	Name of the Student	Class/Sec	Signature
1	121420467007	Gadale Sheha	BSC-MSCs FUB	Snehan
2	121421468002	B. Moksha Pacasurash	BSC-MPCS-IIA	Myst only.
3	121421468007	Joseph Rishwanth	BSC-MPGTA	Boster
4		N-Shina Reddy	BSC-MEC'S IA	- 25
5		PNikhilGous	BSC-MSCs	Prikhlowed
6		Adnan Ali	BSC. MSCs	Atai
7	121421467013	Manoj kurrawat	BSC MSEs	A VE
8	121421467027	y Anusha	BSC MSCs	And
9	121421467030	Rani Basna	BSC MSCS	Romi
10	12142048017	S. Bretholina S	BY MPUS	S.P.P. Sh. P.m.S
11	121420468001	A. Adarsh Koishma	B.Sc MPCs III A	A Adarsh
12	121420468005	G.E.S. kuman	BSC MPG IIIA	St
13	151450 H74019	s. gyostna sree	BSC MECS (1)	a yafnasu
14	12/42/04/44028	. B. yagana	BSC MEC PLA	B. gagana.
15	121420468016	R. Pauline	BSC MPCS THE	R. Pauline.

s. No	Roll no	Name of the Student		
16	121490468006		Class/Sec	Signature
-		Gr. Dinesh. Kumar	BSc MPCs 3A	Solokee
17	131430468015	Rixwan Ali Baig	BSc MPCs 3A	
18	121420467027	-Mohammed Arifuddin	3	0
19	1000	i wammed Hoff uddin	BSC MSUS3B	appar
20	1/4			



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Date:03.08.2022

Venue: III floor Lab

## Faculty Attendance List of MATLAB workshop

Day-2

S. No	Name of the Faculty	Signature
1	J. Harika	Harily
2	28. Vijayalanni	Affely
3	R. Ashok Kumas	ove-
4	M. Sotth yanarayana	Bey
5	D. Sviniyas Reddy	And
6	M. Szewein Klimas	B
7		
8		
9		
10		



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Date:03.08.2022

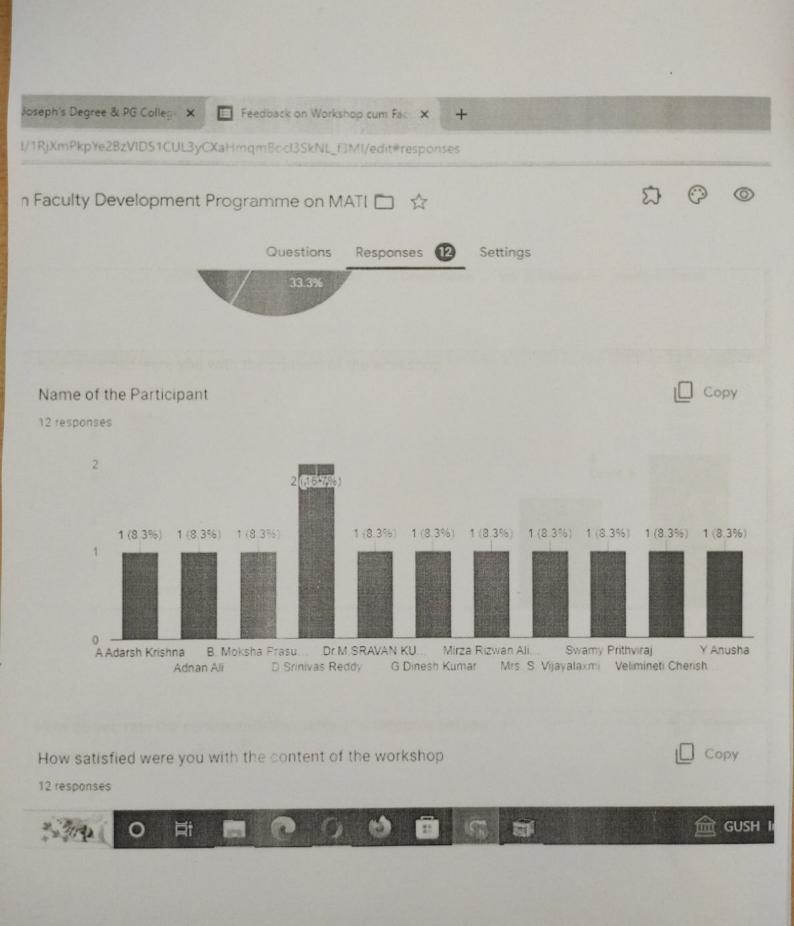
Venue: III floor Lab

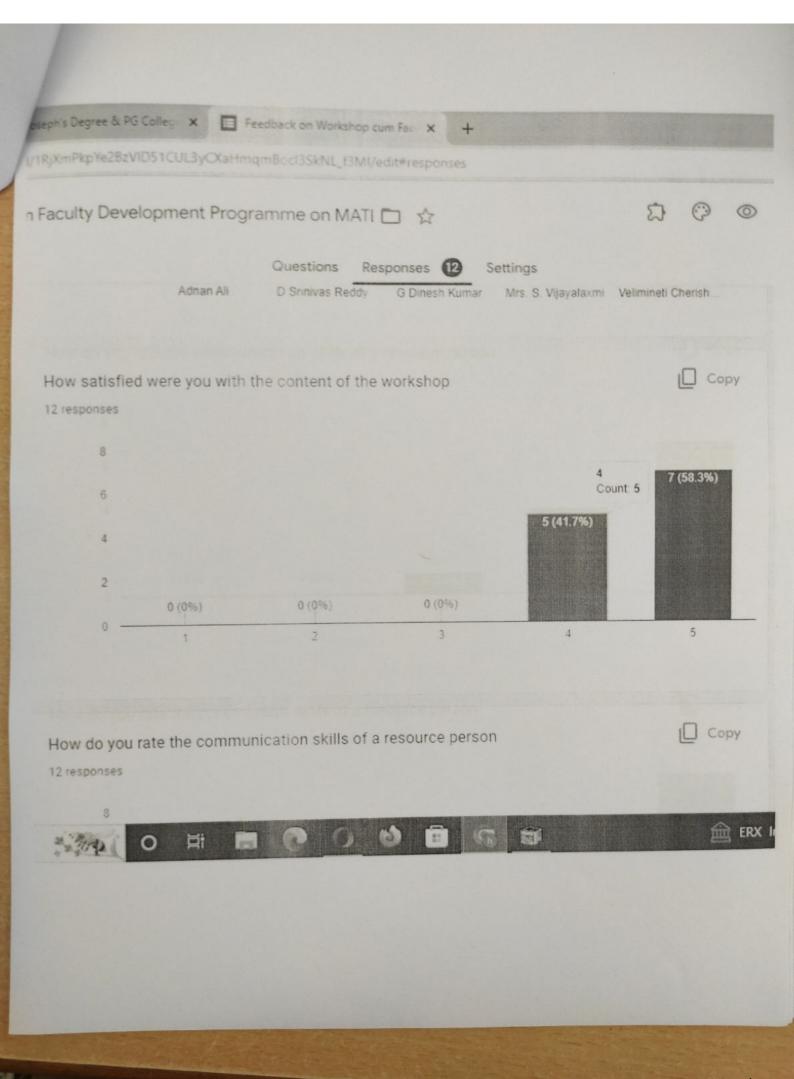
#### Students Attendance List of MATLAB workshop

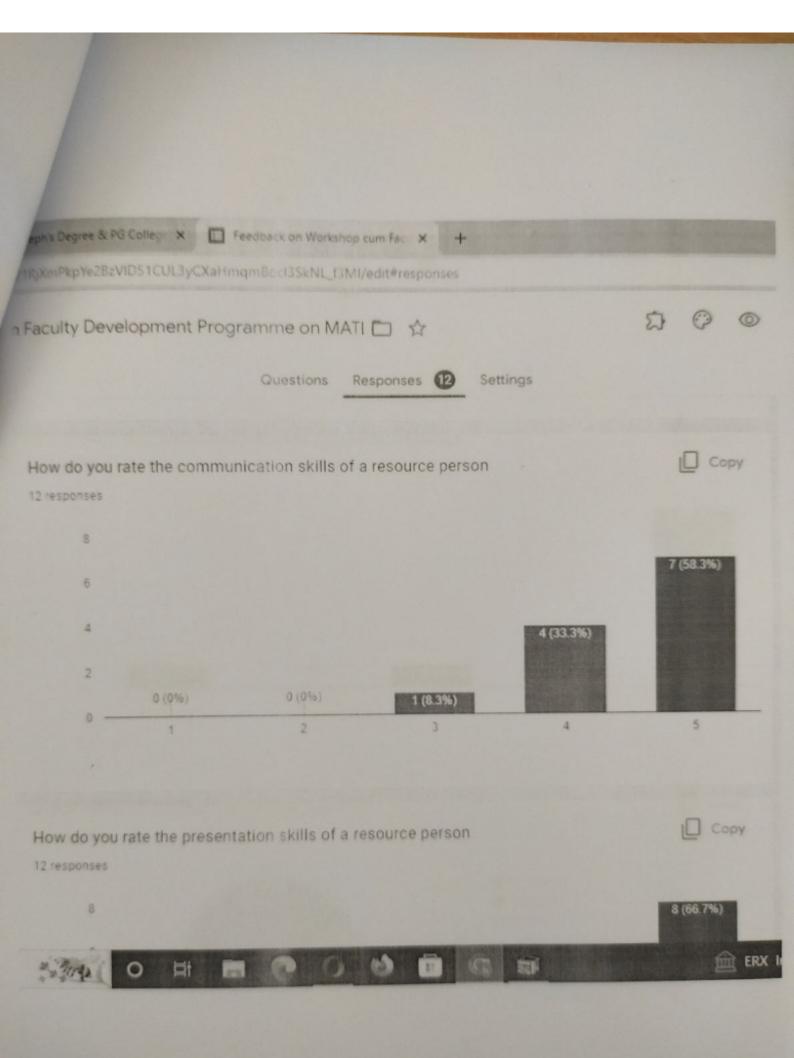
S. No	Roll no	Name of the Student	Class/Sec	Signature
1	12142046800)	A. Adarsh Kerishna.	BSC MRS MA	Adark
2	M1420468006	Gr. Dinesh. Kumax	BSc MPCs 3A	8ks-
3	121420468012	Misza Rizwan Ali Baig	BSc MPCs 3A	Price
4	151450444015	s. fyoitna sue	BSC MECS-3A	- yatnasice
5	12142047012	S. P.S. thura;	BSC MACS-3A	800
6		V. Chevishma Reddy		1 91/40
7		Harshini Surabhi	B.Sc MSc3 3B	
8		M. Venkatesh	Bs. M3c'x 3B	V V
9	121421468002	, 5		Moles Turst
10	121421468007	Joseph Rishwarth	Be-MPCs 2A	Rester
11			BSC-MECITA	82
12	121421467018	N-Shina Reddy P.NikhillnowD	BSC.MSCs-IB	Prikalaous.
13	121421467039	Adnam Ali	B.Sc. MSCS IIB	Allin
14	121491467013	Manoj Kernacoat	BSC MSG	Who
15	121421467027	Y Aneisha	BSCMSCSTB	And
16	12142146703	Rasi Bagna	BSC-MSCK-TTE	@ °

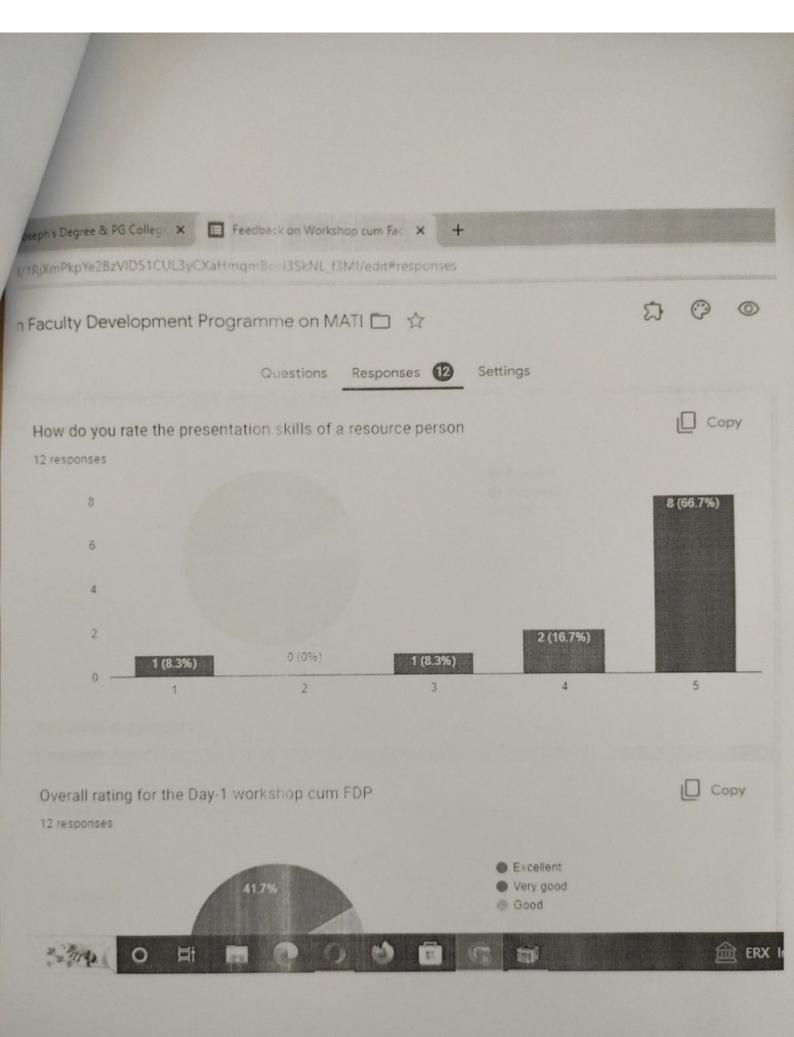
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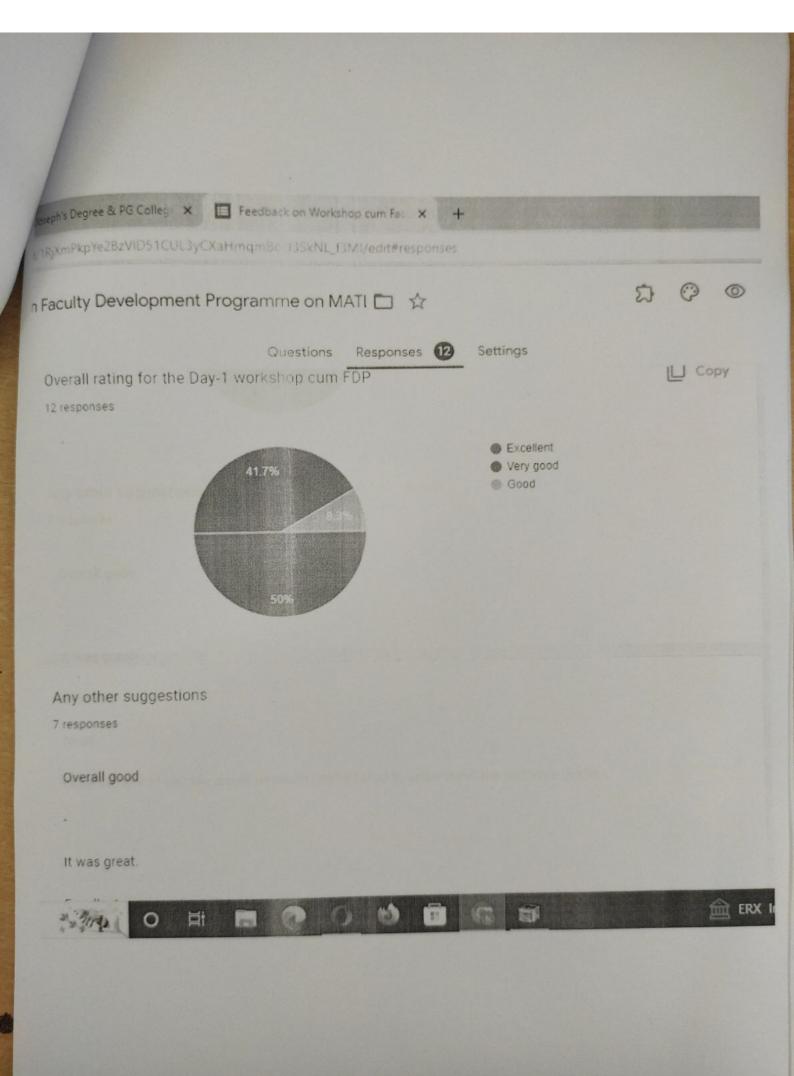
S. No	Roll no	Name of the Student	Class/Sec	Signature
16	121420467030	Saniya Mahek	B.Sc Msc's	Mahet-
17		Aditya Raj	BOC. MSCs	Aar Ry.
18		Motivii Aakarkiha	BSC-MSCS - III B	M. Aakantel
19	12142046700	Aprilay Sarof	BSC-MSCS	Saout
20				

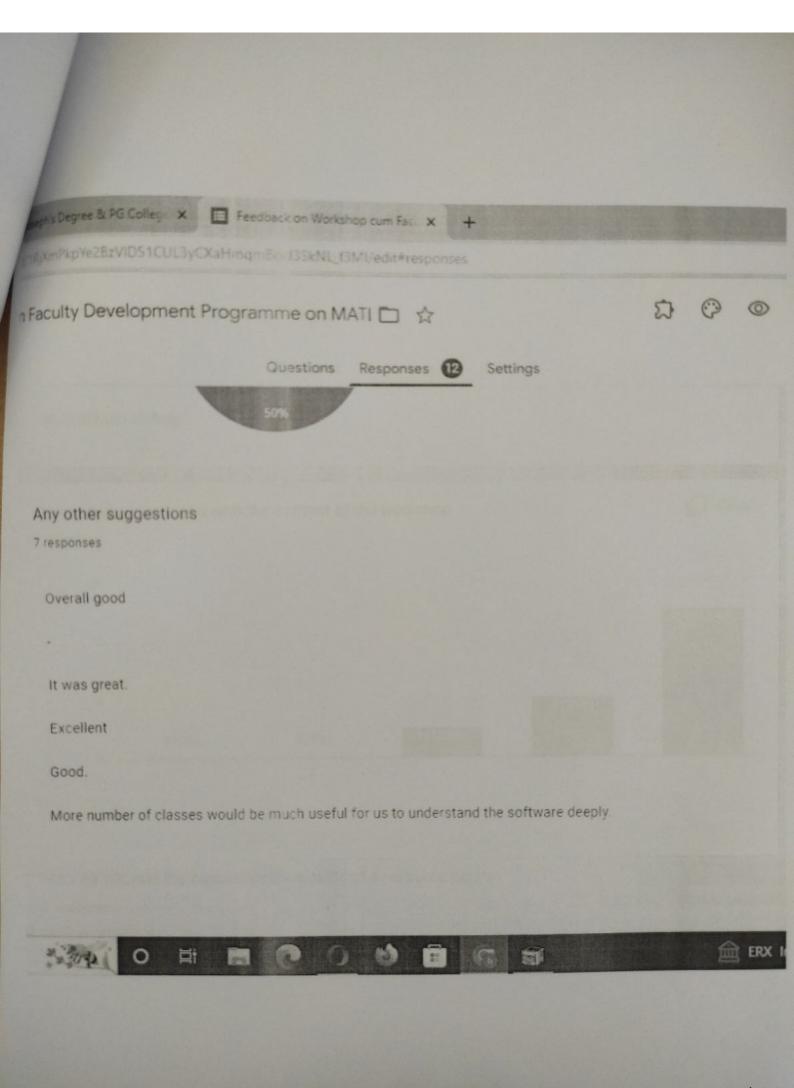


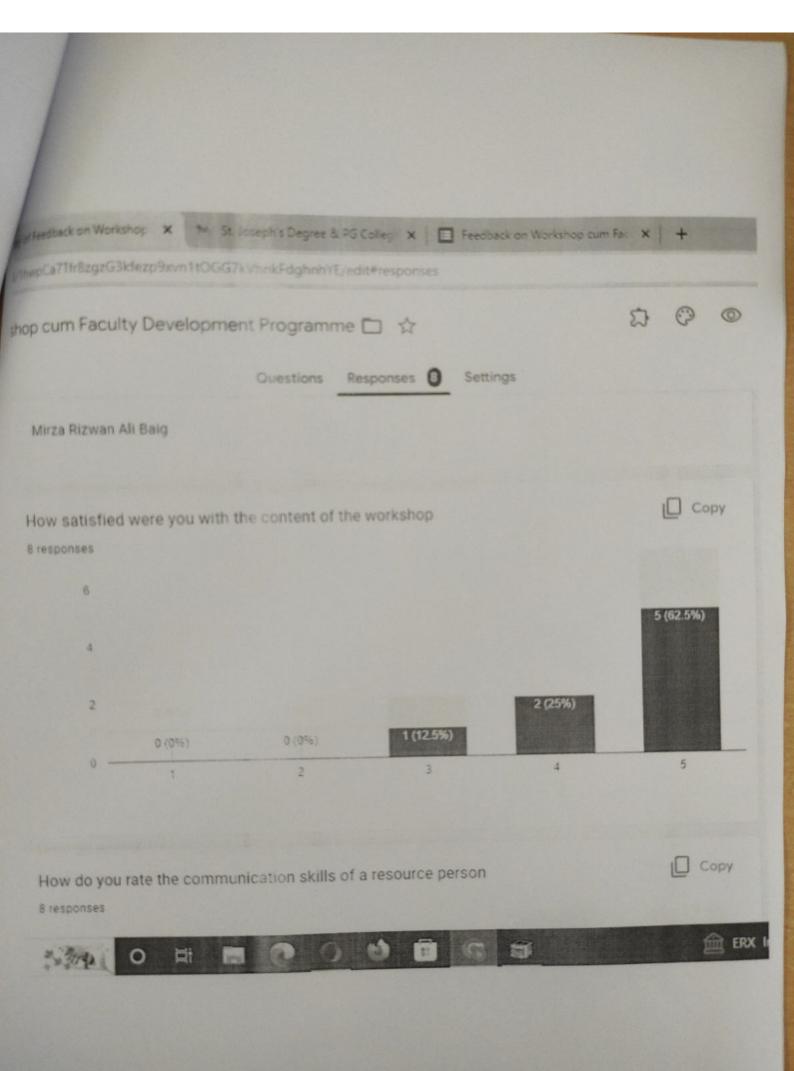


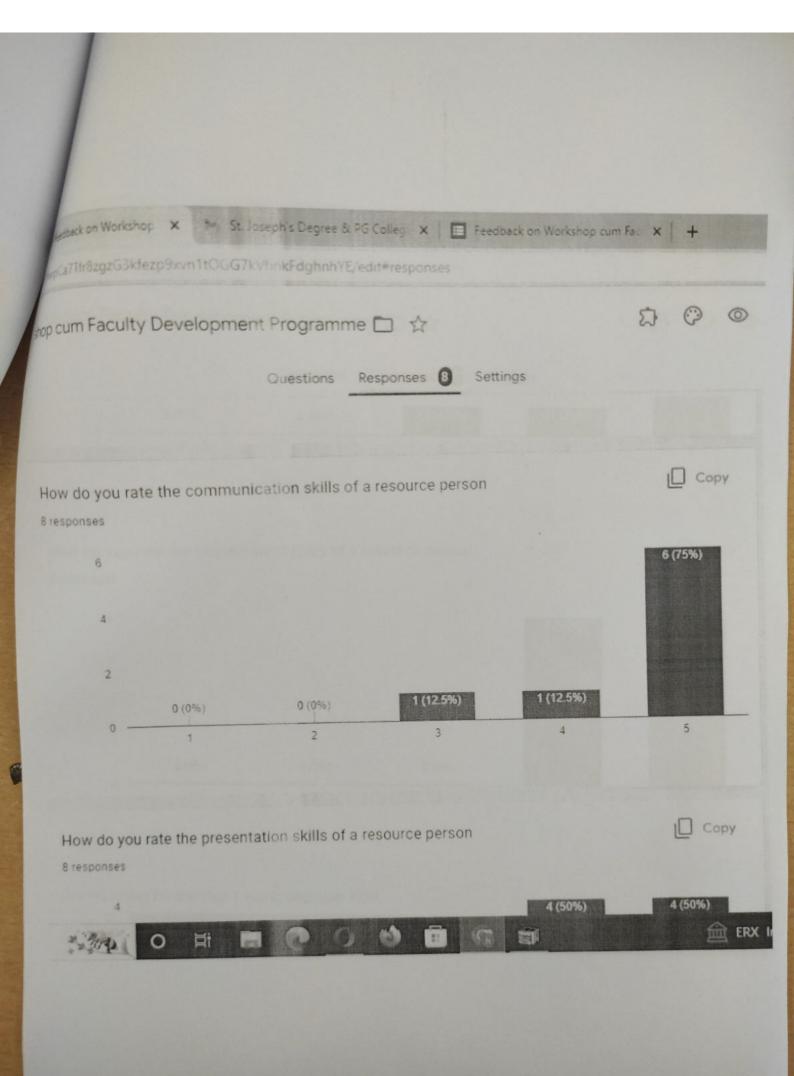


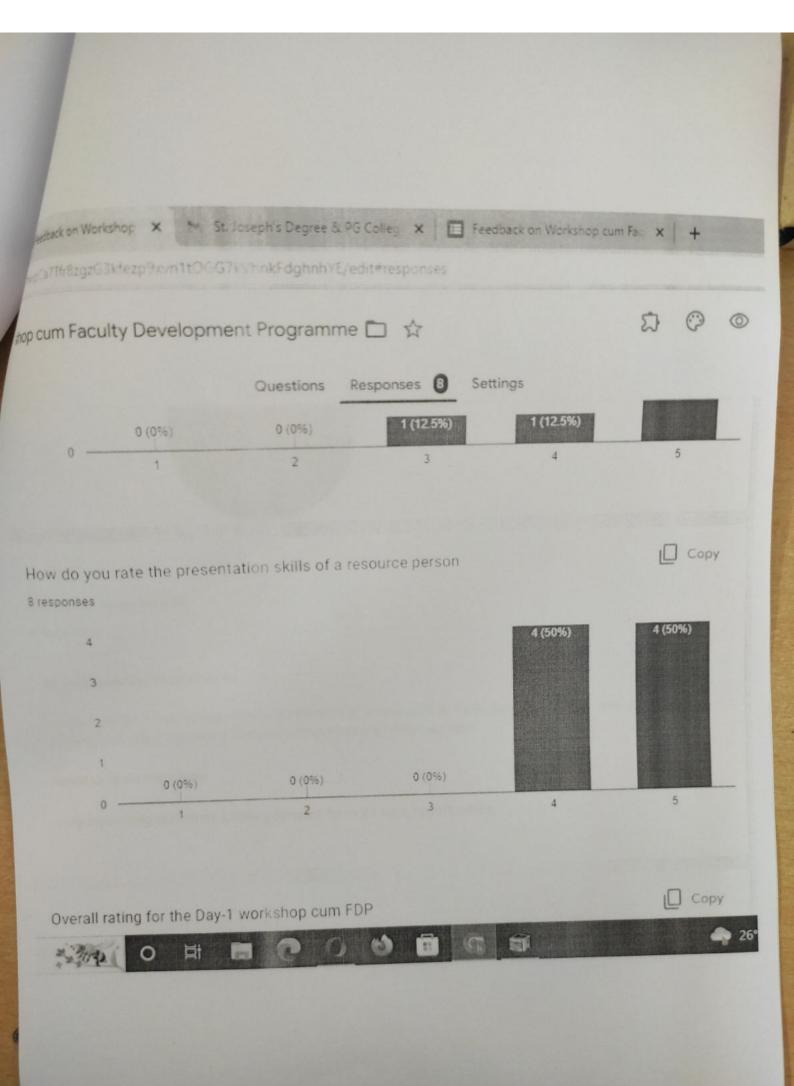


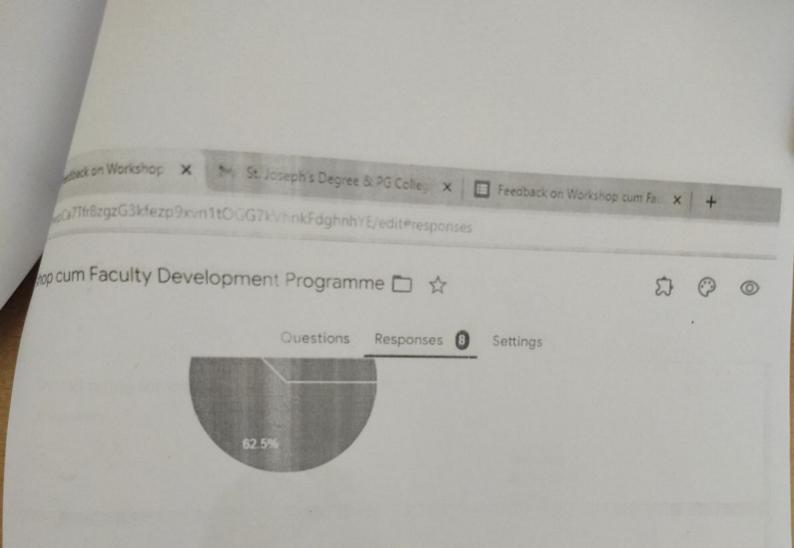












Any other suggestions

4 responses

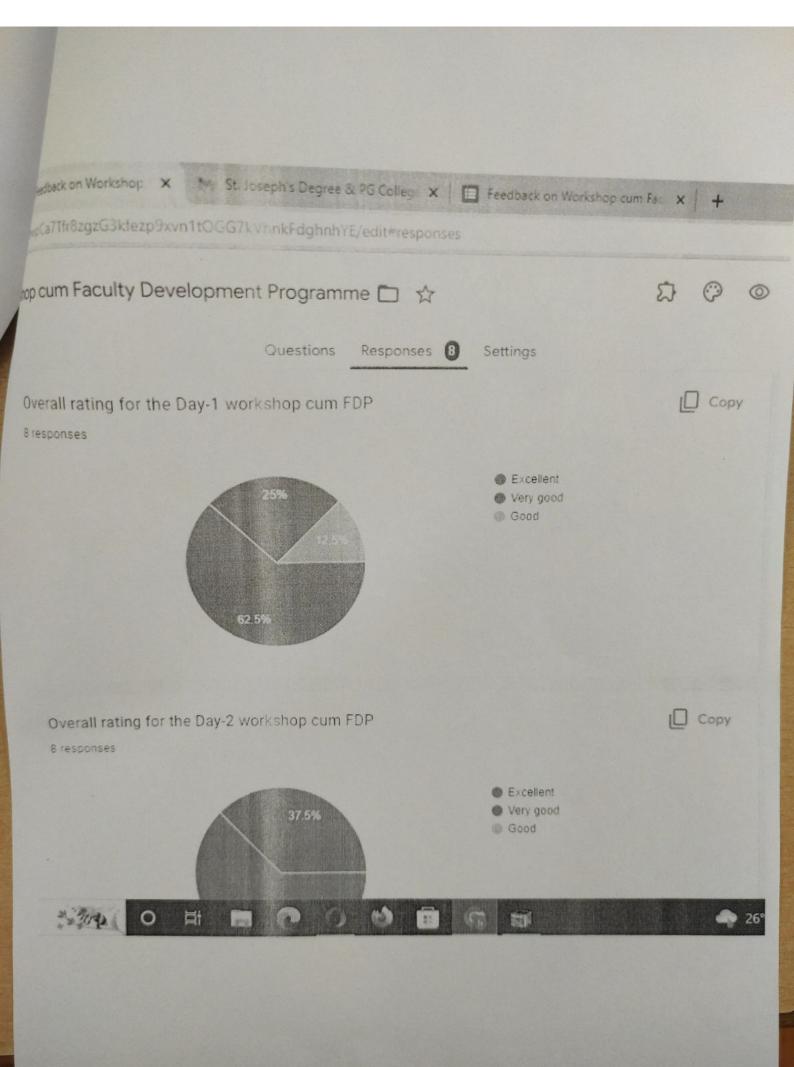
Need to practice more classes

1. The duration of workshop should be extended to a week, so that participants get a clear view about the software and they can easily work with the software by their own later.

Need to spare more time

Very interesting workshop. Looking forward for more such opportunities.





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Ref. No: SJC/MS/30-08-2022/05

### **Department of Mathematics & Statistics**

Date: 30/08/2022

#### **Notice**

This is to inform all Science Faculty that the Department of Mathematics & Statistics is going to conduct a "Faculty Development Program on Project proposal to government funding agencies (DST and SERB-SURE)"on30/08/2022 from 2:00pm – 3.30 pm for the academic year 2022-23in the Boardroom.

HOD

Mr. D. Srinivas Reddy

Principal

Fr. Dr. D. Sunder Reddy



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Hyderabad

30-08-2022

To,
Dr. Arun Kumar
Associate Professor,
Department of Physics
Methodist College of Engineering and Technology,

Hyderabad.

Sub: Invitation to FDP to deliver one and half hour session on Drafting of project proposal to government funding agencies.

Dear Sir,

Department of Sciences, St. Joseph's Degree & PG College is conducting a faculty development program, resource person to deliver one and half hour session on drafting of project proposal to government funding agencies (DST and SERB – SURE) to science faculty on 30<sup>th</sup> August 2022 from 2:00pm to 3:30pm. Your accepted invitation will be highly appreciated and honored. We are looking forward to your useful and informative session.

Thanking you.

to the age

Principal

(Fr. Dr. D. Sunder Reddy)

Principal

ST. JOSEPH'S DEGREE & P.G. COLLEGE King Kou moau, Hyderabad-500 029 Hdasor \*\*

Recioned Br. A. Aruskumar.

#### Curriculum Vitae

#### Dr. A. ARUNKUMAR

S/O K. Alagesan

43/1, Maruthi Nagar, Meerpet, Rangareddy district, Telangana - 500097 Ph: +91-9994457891, 8667048740

E-Mail: arunkajini@gmail.com

aruncache@gmail.com



#### **Professional Summary**

- Seven years of teaching experience in engineering colleges under various universities.
- Good knowledge in the documentation process and internal administrative tasks
- Motivating and guiding the students to success in academic and their personal

#### Skills

- · Excellent relationship builder with students, faculty, and administration
- · Excellent interpersonal, writing, verbal communication and research skills
- · Proficiency in Microsoft Office
- · Strategic planning, organizational and leadership skills

#### Work Experience (Chronological Order)

S. No	Positions held	Name of the Institute	From	То
1.	Associate Professor	Methodist College of Engineering and Technology Abids, Hyderabad, Telangana - 500001	15/12/2020	Till date
2	Associate Professor	Aurora's Scientific Technological and Research Academy, Hyderabad, Telangana	31/1/2019	17/12/2020
3	Senior Assistant Professor	Aurora's Scientific Technological and Research Academy, Hyderabad, Telangana	31/1/2017	31/01/2019
4	Assistant Professor	Agni College of Technology, Chennai - 600130	06/07/2015	05./01/2017



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## DEPARTMENT OF MATHEMATICS AND STATISTICS

Report on FDP on DST & SERB-SURE

Name of the event: FDP on DST & SERB-SURE

: 30.08.22 Date

: 2.00PM to 4.00PM Time

: St. Joseph's degree & PG College Venue

Board Room

: Science Faculty Target group

Faculty Coordinators: Mr. D. Srinivas Reddy

#### Objective:

The main objective of the Faculty Development Program on DST & SERB-SURE is to know about Project Proposal to government funding agencies, SERB schemes.

The workshop was started with a prayer by the Principal Fr. Dr. D. Sunder Reddy at 2.30PM in the Board room. Then followed by the Profile briefing of the resource person by Mr. D. Srinivas Reddy, Head of the department of Mathematics & Statistics.

The session started with drafting of project proposal to Government funding agencies and SERB schemes such as Research grant, Fellowships, Empowerment or Skill development, Translation. Also discussed about Startup research grant, Core research grant and IRHPA. In skill development the resource person about Startup research grant, Core resource person discussed about TARE (the short term project for college teachers), Seminars and Symposia support, Accelerate vigyan.

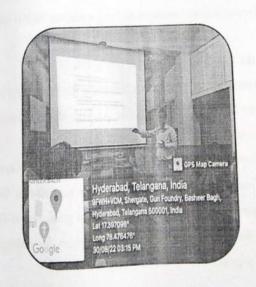
Then followed by components of project proposal like Title, Introduction, Objectives, Methodology, and References. The resource person also highlighted the Expected outcomes, Year wise workplan and References. The resource person also highlighted the Expected outcomes, Year wise workplan and required by discussing Nature and Duration of support, SERB-SURE as a research support to active required. The session was very enlightening and interactive. Plagiarism, Budgetary requirement, Funds reduced with a formal vote of thanks by Mr. M. Sathyanarayana.

#### Photos:









#### Outcome:

The faculty gained knowledge on  $P_{roject} P_{roposal}$  to government funding agencies, SERB schemes.

HoD

Mr. D. Srinivas Reddy

 $\mathsf{IQAC}$ 

Dr. Danam Tressa

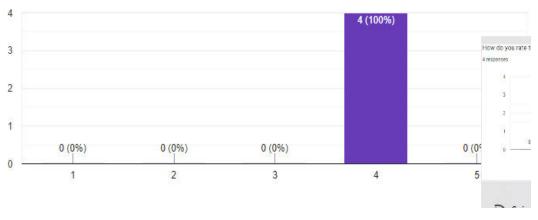
Principal

Fr. Dr. D. Sunder Reddy

#### Feed Back:

How satisfied were you with the content of the FDP 4 responses

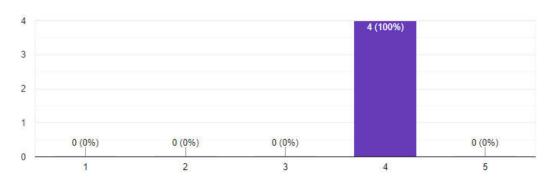
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How do you rate the communication skills of a resource person



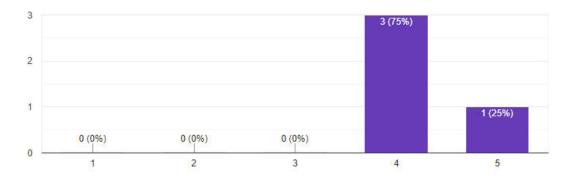
4 responses

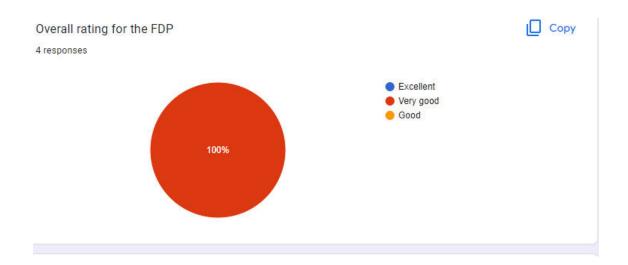


How do you rate the presentation skills of a resource person

Сору

4 responses







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#### Department of Science

## Induction Programme for B Sc (MPCs/MECs/MSCs) I Year Students

Date: 17-08-2022

Venue: Jubilee Hall

Induction Programme Schedule
(MC: Mrs. Swathi)

(MC: Mrs. Swathi)		
9.00 am to 9.10 am	Prayer Song	
9.10 am to 9.20 am	Lighting of Lamp	
9.20 am to 9.30 am	About the College - Video	
09.30 am to 09.45 am	Address Mr. D. Srinivas Reddy, HoD, Dept of Mathematics & Statistics	
9.45am to 10.00 am	Principal s Address Fr. Dr. D. Sunder Reddy	
10.00 am to 10.15am	Discipline & Monitoring Board- Mr. B.Sathyanarayan Rao.	
10.15am to 10.30am	Examination Process- Prof. R. Anitha, Controller of Examinations	
10.30am to 11.00am	Break	
1.00am to 11.30am	Center for Skill Development Mrs. Shanthi Kiran	
1.30am to 11.45am	Centre for Social Transformation - Mrs. S. Vijayalaxmi.	
1.45am to 12.00pm	Sports Dr. Sridhar Reddy, Physical Director	
2.00 pm to 12.15pm	Extra-curricular Activities- Mrs. G. Savitha & Mrs. Rithika Waghray	
2.15 pm to 12.30pm	Centre for Student Training & Progression-	

Mrs.Dr.Y.Geetanjali.

Principal Fr. Dr. D. Sunder Reddy

Principal ST. JOSEPH'S DEGREE & P.G. COLLEGE King Kommond, Hyderabad-500 029



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#### Department of Science Academic Year 2022-23

## Induction Programme for BSc(MPCs/MECs/MSCs) I Year Students

Date: 18-08-2022

Induction Programme Schedule (MC: Mrs. S. Vijayalaxmi

Venue: Jubilee Hall

9.00 am to 9.10 am	Prayer - Rev. Fr. Prabhu Das
9.10 am to 9.40 am	Orientation about the Department - Mrs. M. Kiran Jyothi, Head, Department of Computer Science
9.40 am to 10.10 am	Orientation about the Department by Mr. D. Srinivas Reddy, Head, Department of Mathematics & Statistics
10.10 am to 10.30 am	Academic Clubs Mathematics & Statistics Club- Mr.D.Srinivas Reddy Power Bytes Club- Mrs. M. Kiran Jyothi. Science Club - Mr. M L N Rao.
10.30 am to 11.00 am	Break
11.00am to 11:30am	Orientation about the Department by Mr. M. L. N. Rao, Head, Department of Physics & Electronics
11.30am to 11:45am	IIC Dr. Anantha Laxmi
11:45am to 12:00 pm	Orientation - Dr. Sangeeta, Head, Department of English.
12.00am to 12:15pm	Orientation Dr. Aparna Rajans, Head, Department of Second Languages.

Principal 7 Fr. Dr. D. Sunder Reddy

Principal
ST. JOSEPH'S DEGREE & P.G. COLLEGE
King Kommuna, Hyderabad-500 029



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## Department of Mathematics & Statistics

## Report Induction Programme for B. Sc (MPCs/MECs/MSCs) I Year Students

Date: 17th-18th August 2022

Venue: Jubilee Hall, St. Joseph's College

Time: 9:00 A.M -12:50 P.M

Organized by: Head, D Srinivas Reddy

Target Group: First year students of B. Sc (M.P.Cs/M.E.Cs/M.S.Cs)

#### Day-1

The Purpose of the program was to help students to get adjusted and feel comfortable in the new environment at the same time to make them know the importance of Higher Education and its role in shaping their career. As it is one of the most challenging, yet fruitful phase in a student's life, which will make them to identify their dreams and building their career.

The programme started with the prayer song by college Choir students

Followed by Lighting the Lamp in virtual mode by M L N Rao, HOD, Department of Physics & Electronics

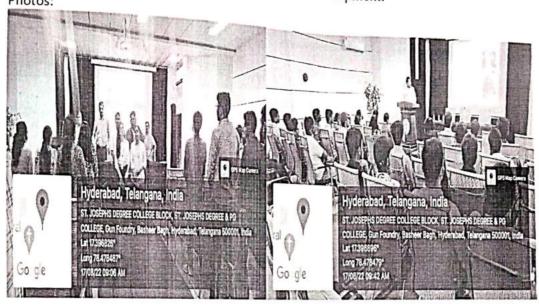
College Video played and addressed by Mr. D. Srinivas Reddy Head of the Department which included about the college culture and various activities

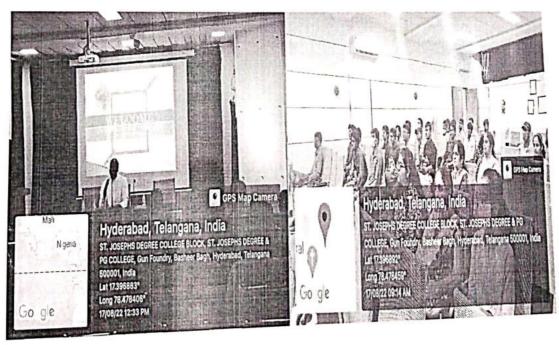
Mrs. R. Anitha, Professor, Controller of Examinations, explained the students about the Examination scheme for Internals and Externals SBTs viz. Skill based Tests. And she explained in detail about the procedures of Promotion to even semester to odd semester and about various certificates that would be issued to them at the end of their course including the semester memorandums.

Mr. B. Satyanarayana, convener of the Discipline & Monitoring Board, He explained the students about discipline in the college premises and culture of the college.

The Principal Fr. Dr. D. Sunder Reddy motivated and congratulated all the first year students for securing a seat in the prestigious Institution. He addressed the Students and emphasized them about the various opportunities to build their career after their degree. And he told about Importance of "Confidence, Character and Certificate" and how the institution helps the students to gain all the three Core values. Extra-curricular Activities- Mrs. RithikaWaghray, explained about the various activities which will be conducted for the academic year

Centre for Student Training & Progression-Mrs. Dr. Geetanjali- Explained about writing profile, Center for Skill Development – Mrs. Shanthi Kiran explained about the credit points and importance of certificate courses for their skill development.





Mr. D. Srinivas Reddy, Head, Department of Mathematics & Statistics congratulated the students and spoke on Career growth and on various Opportunities for the B. Sc stream. He talked about the Mathematics & Statistics department activities, Clubs and also introduced the faculty members of Mathematics & Statistics to the Students.

An Ice-breaking session was organized by B.Sc Final and Second Year students, wherein students participated enthusiastically.

Centre for Social Transformation: Mrs. S. Vijayalaxmi, Convenor, - Explained about JGG, JSR,

Orientation: Mrs Aparna Rajan, HOD of Second Languages. Explained about different languages which can be chosen by the students as per their interest.

### Photos:





Mr. D Srinivas Reddy

Fr. Dr. D. Sunder Reddy

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Ref. No: SJC/MS/18-08-2022/03

### **Department of Mathematics & Statistics**

Date: 16/08/2022

### **Notice**

This is to inform all B. Sc (MPCs/MECs/MSCs) III year students that the Department of Mathematics & Statistics is going to conduct a "Guest Lecture on Groups and its Applications" on 18/08/2022 from 11.30 – 1.00 pm for the academic year 2022-23 in the Classroom 508.

HoD

Mr. D. Srinivas Reddy

Principal

Fr. Dr. D. Sunder Reddy

Principal
ST. JOSEPH'S DEGREE & P.G. COLLEGE
King Kota Hourd, Hyderabad-500 029



(Autonomous), Affiliated to Osmania University Re-accredited by NAAC (3<sup>rd</sup> Cycle) King Koti Road, Hyderabad

Dear & Caerecdy,
please provide

Date:16th August 2022

To

The Principal

St. Joseph's Degree & PG College,

Hyderabad.

Sub: Requesting to Guest Lecture remuneration for Mathematics reg....

Respected Father,

With the reference to the subject cited, I request you to remuneration Rs 2500/- for the

purpose of "Guest Lecture on Groups and its Applications" program which is being conducted in the Department of Mathematics & Statistics, St. Joseph's Degree & PG College, King Koti Main Road on 18th August between 11:30am and 1:30pm.

Thanking you father,

D Srinivas Reddy.

Principal

Fr. Dr. D. Sunder Reddy

### BIO-DATA

Name Dr. B. Surender Reddy **Educational Qualifications** 

M.Sc., M.Phil., Ph.D

Designation Professor of Mathematics

Department : Mathematics

Mailing Address Department of Mathematics,

University College of Science,

Osmania University, Hyderabad - 500007.

Area of Specialization Functional Analysis and its

Applications

RESEARCH ACTIVITIES

Ph.D's awarded Two

Ph.D's submitted One

No. of students working for Ph.D Seven

No. of publications Published - 65

No. of conferences attended 13

No. of workshop conducted 05

Area of Research : Functional Analysis and Operator

Theory, Mathematical Analysis

**Current Research Interests** : 2-normed spaces, n-normed spaces,

> 2-inner product spaces, n-inner product spaces, Random 2-normed spaces, Random n-normed spaces, Fuzzy 2-normed spaces, Fuzzy n-normed spaces, Fuzzy anti-2normed spaces, Fuzzy anti-n-normed spaces, p-adic 2-normed paces, Hyper normed linear spaces, Sequence spaces.

Cubic  $\Gamma$ -n-normed linear spaces,

ACADEMIC ACTIVITIES

PG - 4 years Member, Board of Studies

Department of Mathematics,

Osmania University

nepartmental committee member

2 years  $(2009 \cdot 11)$ 

2 years (2013-15)

Departmental Research committee member : 2 years (2018-20)

2 years (2020-22)

Memberships of Professional Bodies: 1. Member, Indian Science Congress

2. Member, Indian Mathematical

Society

3. Member, AP Mathematical Society, Hyderabad.

### ADMINISTRATIVE POSITIONS HELD

Incharge of the Department

5 years (2002 to 2007)

3 years (2008 to 2011)

Coordinator.

M.Sc (Mathematics) Course,

3 years (2004 to 2007)

Government Degree College,

Khairatabad, Hyderabad

Coordinator.

M.Sc (Applied Mathematics) Course,

: 4 years (2008 to 2012)

University College of Science, Saifabad

Coordinator.

M.Sc (Computer Science) Course,

: 2018-21

University College of Science, OU

Head.

Department of Mathematics

: 2019-21

Osmania University

Chairman.

BOS in Mathematics

2020-22

Osmania University

Chairman.

BOS in Computer Science

: 2022-24

Osmania University

### EDITORIAL BOARD MEMBER OF THE JOURNALS

1. General Mathematics Notes

### LIST OF CONFERENCES/SEMINARS/WORKSHOPS ORGANISED

- Treasure, Three day workshop on python programming organized by Department of Mathematics, Osmania University, Hyderabad, January 6-8, 2017.
- Course Coordinator, Four day workshop on Real Analysis organized by Department of Mathematics, Osmania University, Hyderabad, September 17-20, 2017.
- 3. Course Coordinator, One week instructional School on Abstract Algebra organized by Department of Mathematics, Osmania University, Hyderabad, December 3-8, 2017.
- Co-Convener, International Conference on Computational Fluid Flow and Heat transfer (CFFHT-2018) organized by Department of Mathematics, Osmania University, Hyderabad, March 28-29, 2018.
- Co-Convener, National Conference on Mathematical Sciences and Applications (NCMSA-2018) organized by Department of Mathematics, Osmania University, Hyderabad, July 30-31, 2018.
- Convener, National Conference on Recent Advances and Applications (NCRAAM-2019) organized by Department of Mathematics, Osmania University, Hyderabad, February 26-27, 2019.
- Invited talk on N cubic sets in linear spaces in two days national conference organized by Department of Mathematics, Mahatma Gandhi University, Nalgonda, 3-5 October, 2020.



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### Department of Mathematics & Statistics

Report for Guest lecturer on "Groups and its Applications"

Date: 18th August 2022.

Venue: Jubilee Hall

Time: 11:30AM - 1:00PM

Organized: Mr. D. Srinivas Reddy, Head, Department of Mathematics & Statistics.

Target Group: BSC (M.P.Cs/M.E.Cs/M.S.Cs)-III Years Students

### Report:

The Resource person was Prof. B. Surender Reddy, BOS, University College of Science, O. U, Hyderabad. Professor's lecture was on "Groups and its Applications" The Programme began with a welcome note by Mr. D. Srinivas Reddy, Head, Department of Mathematics & Statistics.

Professor delivered his lecture on importance of Mathematics. He focused on like symmetric, dihedral, order of a group and permutation of groups in the field of Mathematics.

Mr. D. Srinivas Reddy, Head-Department of Mathematics & Statistics expressed his gratitude towards the guest and the department is conducting such important events. The students were impressed by the lecture and asked us to conduct more such events in the future.

Photos:





HOD Mr. D Srinivas Reddy

Fr. Dr. D. Sunder Reddy



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FEDBACK FORM FOR GUEST LECTURE

ROH NO. 12148046-1020.

Name of the student: V: Chryssma Reddy

Topic: Groups and its Applications

Name of the speaker: Prof. B. Surender Reddy, University college of Sciences, Osmania university,

Please Y' the option you find most suitable. SI. Particular No Extremely Good Quite Good Poor How was the overall 1 Good organization of the Lecture? How to relevant was the 2 content discussed by the speaker? Aru Satisfied with the time 3 and venue? How much interesting this 4 session was for you? How was your preparation 5 about the topic before the guest lecture? 6 Did you lecture cover what you were expecting? 7 What is your opinion about the speaker? 8 How much this session was useful from the knowledge and information point of view 9 Overall effectiveness of the lecture

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attentive.				•



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FEDBACK FORM FOR GUEST LECTURE

Roll No. 1214 20468005

Name of the student: G. E.S. Kumar

Topic: Groups and its Applications

Name of the speaker: Prof. B. Surender Reddy, University college of Sciences, Osmania university,

Please 'Y' the option you find most suitable. SI. Particular Extremely Good No **Quite Good** Poor How was the overall Good 1 organization of the Lecture? How to relevant was the 2 content discussed by the speaker? Aru Satisfied with the time 3 and venue? 4 How much interesting this session was for you? How was your preparation 5 about the topic before the guest lecture? 6 Did you lecture cover what you were expecting? 7 What is your opinion about the speaker? 8 How much this session was useful from the knowledge and information point of view 9 Overall effectiveness of the lecture

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King Koti Road, Hyderabad

Department of Mathematics & Statistics

### FEDBACK FORM FOR GUEST LECTURE

Roll No. 121420468012

Name of the student: Mirza Rizzam Ali Buis

**Topic: Groups and its Applications** 

Name of the speaker: Prof. B. Surender Reddy, University college of Sciences, Osmania university, Hyd.

Please 'Y' the option you find most suitable.

SI. No	Particular	Extremely	Good	Quite Good	Poor
1	How was the overall organization of the Lecture?	<b>Y</b>			
2	How to relevant was the content discussed by the speaker?	~			
3	Aru Satisfied with the time and venue?	>			
4	How much interesting this session was for you?	7			
5	How was your preparation about the topic before the guest lecture?	~			
6	Did you lecture cover what you were expecting?	×			
7	What is your opinion about the speaker?	>			
8	How much this session was useful from the knowledge and information point of view	×			
9	Overall effectiveness of the lecture	7			

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more frequently	
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FEDBACK FORM FOR GUEST LECTURE

Name of the student: - Rounak Tivasi.

Topic: Groups and its Applications

Name of the speaker: Prof. B. Surender Reddy, University college of Sciences, Osmania university,

Please 'Y' the

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7	What is your opinion about the speaker?	Y			
8	How much this session was useful from the knowledge and information point of view	>			
9	Overall effectiveness of the lecture	Y			

Additional Comments and suggestions for	
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0 1ess time we were having.	••
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# ST. JOSEPH'S DEGREE & PG COLLEGE (Autonomous) DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University
Re-accredited to Osmania University
With B\*\*Grad Re-accredited by NAAC (3rd Cycle) with B++Grade

King Koti Road, Hyderabad Department of Mathematics & Statistics

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121420474018	Name of the student: Handhini out about

Topic: Groups and its Applications Name of the speaker: Prof. B. Surender Reddy, University college of Sciences, Osmania university,

Please 'Y' the option

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4	How much interesting this session was for you?					
5	How was your preparation about the topic before the guest lecture?					
6	Did you lecture cover what you were expecting?				~	
7	What is your opinion about the speaker?					
8	How much this session was useful from the knowledge and information point of view			-		
9	Overall effectiveness of the lecture					

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attentive.	



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### Department of Mathematics and Statistics

### **NOTICE**

Ref No: SJC/MS/ 24.08.2022/04 Date: 24.08.2022

This is to inform all the B.Sc students that the Department of Mathematics & Statistics has planned to conduct an "Extension and Outreach program" to Govt. Girls High School, Hyderguda, Hyderabad on 27<sup>th</sup> August 2022 at 9.30 AM.

Faculty Coordinator:

Mrs. S. Vijayalaxmi

Mr. D. Srinivas Reddy

Principal

Rev. Fr. Dr. D. Sunder Reddy



Autonomous, Affiliated to Osmania University Re-Accredited by NAAC with "B++" Grade A Catholic Christian Minority Institution (Co-Education) Managed by Hyderabad Archdiocese Educational Society

To The Principal, Govt. High School, Hyderguda, Hyderabad.

Subject: To Conduct the "Knowledge Sharing" activityto the students of VII, VIII, IX & X Standard.

Respected Sir,

We the Department of Mathematics & Statistics from St. Joseph's Degree & PG College, King Koti would like to conduct the "Knowledge Sharing" activity on 27<sup>th</sup> August 2022 at 11:30 AM. The selected students of B.Sc II and III years will share their knowledge on basic concepts of Mathematics and Career Development in higher studies to IX and X standard students. So we request you to accept and acknowledge the same.

Thanking you

With regards,
Dept. of Mathematics & Statistics
St. Joseph's Degree & PG College,
King Koti,
Hyderabad.

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Gazetted Headomaster Gr-11

Gazetted Girls High derabad.

Gazetted Girls Hyderabad.

PRINCIPAL Fr.Dr.D.Sunder Reddy



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### Department of Mathematics & Statistics

### Report on Extension and Outreach program

Name of the Event

: Extension and Outreach program

Date

: 27<sup>th</sup> August 2022

Time

: 9.30 AM to 12.30 PM

Venue

: Govt. Girls High School, Hyderguda, Hyderabad

**Target Group** 

: VII, VIII, IX & X Standard students

**Faculty Coordinator** 

: Mrs. S. Vijayalaxmi

### Objective of the Activity:

The main objective of the activity is to share the knowledge of Basic concepts of Mathematics and Statistics to VII & VIII classes and Career guidance in higher Education and Job opportunities to the IX & X Standard students of Govt. Girls High School, Hyderguda Hyderabad.

### Report:

The Department of Mathematics & Statistics conducted "Knowledge Sharing" activity to the VII, VIII, IX & X Standard students of Govt. Girls High School, Hyderguda, Hyderabad.

The students focused on different topics in Mathematics and Statistics to class VII, VIII, IX & X standards.

S.No	Name of the student	Roll Number	Content covered	Class
1	C. Anish	121422467004	Probability and its Applications	IX Class Students
			Social Studies	VIII Class students
2	Rishab Pandya	121421467023	Linear Equations in one variable	VIII Class students
3	Durga	121421468014	Surface Area	VIII Class students
4	Adnaan	121421467039	Integrals	VII Class students
5	Nikhil Goud	121421467018	Fractions and decimals	VII Class students
6	Neeraja	121421468015	Tally Marks	VII Class students
7	Cherishma Reddy	121420467020	Self-confidence and importance of Education	VII & VIII Class students
8	Srivallika	121421467003	Basic Mathematics	VII Class students
0	Silvanika		Career Guidance	VIII Class students
9	Jyotsna	121420474012	Puberty	X Class students
			Triangles	IX class
10	Aditya Raj	121420467026	Goals, Personal and Mental Hygiene	X Class

The teachers of the school appreciated the initiatives taken by the department for guiding and motivating the students for their better future and also they appreciated our students for giving the valuable inputs and suggestions in reaching their bright future. The head master of the school requested to send the students in Saturdays to teach Biology, Hindi and Number Ability to VIII class students.

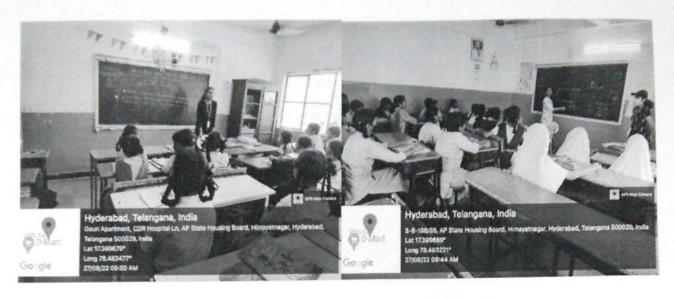
### Photo Gallery:











### Outcome:

The students were interactive throughout the session, learnt the basic concepts in Mathematics and Statistics and also gained the knowledge on Higher education and career opportunities in setting their future goals.

Principal

Fr. Dr. D. Sunder Reddy

# Name: U.Lavanya & 6/M

acheive our goals, how to respect each other. We have to think positive. They said very well. we understood the Subject they Said.

Feed Back

Name: T. Bhavani

The class is very nice, and 8m learn how to seeach our goal, how to suspect each other, We have positive things, I dike the class. Thenk You for Taking This class.

From: ABBUL Rahaman Xth Elm Cr.Cr.H.S Hyderguda, Hyd

I undestand that about our health case and Neat ness. And About our goal and somany things about blobgy.

Thanks
Aditya Six
Willhy because teached
to owo good things.

### Feed back

b) how was the session?

The sisters coming the school I am very happy to see the sisters. The sisters Teathing very Grood Thank you do much listers your coming teaching for me. I am very proud of you.

Thank you do much

for aming my slehool