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HISTORY OF THE DEPARTMENT

The department of mathematics was established in our college in the year 1962, by then the principal Mrs. REGO. She was pioneer and head department of mathematics.

Mrs. F. REGO used to handle the classes for PUC as well as Intermediate during 1962-1984. Later on, it was expanded by the addition of two more members. Mrs.D.VIMALA and Mrs.LEELA LAKSHMI KUMARI in the year 1969 and 1971 respectively.

Mrs. LEELA LAKSHMI KUMARI worked in Railway Degree College, and retired as Vice-Principal, Hyderabad. Later on Mrs. VARA LAKSHMI joined as a lecturer. After four years she left for Jamaica.

In the year 1983 Mrs.P.V.S. LAKSHMI and Mrs.B.NIRMALA DEVI joined in the department as faculty members. In the year 1986, Dr.PRAMAJA joined in the department, right now she is working as a scientist in New Delhi. Later Mrs.NEERAJA joined in the faculty during the period 1987-89.Currently she is working in NewJersy.

Later Dr.BRAMARAMBICA joined in the faculty during the period 1989-90 and now she is working as a professor in U.S.A.

After the establishment of department Mrs.P.V.S. LAKSHMI and Mrs.B.NIRMALA DEVI worked sincerely for the uplifting of department. The new courses M.P.E. M.P.Cs and M.E.Cs have been introduced in the years 1991, 2000 respectively. We have started one more section in M.P.Cs and M.E.Cs in the year 2010-2011.

At present department of mathematics have the following members.

1. Mrs. M.P.Malathi HoD.
2. Mrs. G.Suneetha
3. Mrs. .M.Swapna Rani
4. Mr. D. Ramesh
5. Mrs. J.Jhansi Lakshmi

Presently the strength of the students is approximately -300

DEPARTMENT OF MATHEMATICS

VISION

To bring out ingenuity among students and provide them a support that fosters intellectual growth.

MISSION

To Develop the aptitude and ability to apply Mathematical skills in real life for suitable Career and groom them for inter disciplinary domain.

To enhance analytical and logical thinking in students.

STAFF PARTICULARS

S.No	Name of the Teaching Staff	Designation	Qualification	Experience
1.	M.P.Malathi	Asso.Prof	M.Sc.	34
2.	G.Suneetha	Asso.Prof	M.Sc. PGDCA	22
3.	M.Swapna Rani	Asst.Prof	M.Sc ,B.Ed	16
4	D.Ramesh	lecturer	M.Sc	5
5	J.Jhansi Lakshmi	lecturer	M.Sc MDCA	2

STUDENT STRENGTH
GROUPS - MPC,MPCS,MECS

YEAR	STUDENTS INTAKE
2023-2024	63
2022-2023	83
2021-2022	130
2020-2021	168
2019-2020	157
2018-2019	202

SEMESTER I,III,V TIME TABLE(2023-2024)

	1	2	3	4	5
MONDAY	V- A_2, A_3	V- A_1	III- A_1 III- A_2, A_3	V- A_2, A_3 I SEM	I SEM
TUESDAY	V - A_2, A_3	V- A_1 I SEM			III- A_1 III- A_2, A_3
WEDNESDAY	III- A_1 III- A_2, A_3	V- A_2, A_3	V- A_2, A_3 ISEM	V- A_1 ISEM	
THURSDAY	V- A_2, A_3 III- A_1 III- A_2, A_3		V- A_1 ISEM		
FRIDAY	V- A_1 ISEM	III- A_1 III- A_2, A_3		III- A_1 III- A_2, A_3	V- A_2, A_3
SATURDAY	V- A_1 IV- A_1 III- A_2, A_3	V- A_1			

SEMESTER II,IV,VI TIME TABLE(2023-2024)

	1	2	3	4	5
MONDAY	VI- A_2, A_3	VI A_1	IV- A_1 IV- A_2, A_3	VI- A_2, A_3 II SEM	II SEM
TUESDAY	VI A_2, A_3	VI A_1 IISEM			IV- A_1 IV- A_2, A_3
WEDNESDAY	IV- A_1 IV- A_2, A_3	VI- A_2, A_3	VI- A_2, A_3 IISEM	VI A_1 IISEM	
THURSDAY	VI- A_2, A_3 IV- A_1 IV- A_2, A_3		VI A_1 IISEM		
FRIDAY	VI A_1 IISEM	IV- A_1 IV- A_2, A_3		IV- A_1 IV- A_2, A_3	VI- A_2, A_3
SATURDAY	VI A_1 IV- A_1 IV- A_2, A_3	VI A_1			

Syllabus

1	I Semester	➤ Differential and integral Calculus
2	II Semester	➤ Differential Equations
3	III Semester	➤ Real Analysis
4	IV Semester	➤ Abstract Algebra
5	V Semester	➤ Linear Algebra
6	VI Semester	➤ Analytical Solid Geometry

OSMANIA UNIVERSITY, HYDERABAD

B.A/B.Sc. Mathematics Course Structure

(Common Core Syllabus for All Universities of Telangana State for

Paper	Semester	Subject	Hours/ per week	Hours/per week		Max. Marks	Credits
				Theor y	*Tutoria l s		
DSC - I	I	Differential Equations	6	5	1	100	5
DSC - II	II	Differential & Integral Calculus	6	5	1	100	5
DSC - III	III	Real Analysis	6	5	1	100	5
DSC - IV	IV	Algebra	6	5	1	100	5
DSC - V	V	Linear Algebra	6	5	1	100	5
DSE - VI(A)	VI	(A) Numerical Analysis	6	5	1	100	5
DSE - VI(B)	VI	(B) Integral Transforms	6	5	1	100	5
DSE - VI(C)	VI	(C) Analytical Solid Geometry	6	5	1	100	5
SEC-I	III	Communication Skills (OR) Professional Skills	2	2	-	50	2
SEC-II	III	Theory of Equations (OR) Logic & Sets	2	2	-	50	2
SEC-III	IV	Leadership & Management Skill (OR) Universal Human Values	2	2	-	50	2
SEC-IV	IV	Number Theory (OR) Vector Calculus	2	2	-	50	2
Generic Elective	V-A or V-B	Basic Mathematics or Mathematics for Economics & Finance	4	4	-	100	4
Project/ Optional	VI* *	Mathematical Modelling	4	4	-	100	4

the Students Admitted from the Academic Year 2019-20 Batch onwards

UG (B.SC-PHYSICAL SCIENCES)

PROGRAM OUT COMES (PO'S)

- PO-1 Apply fundamental knowledge in concepts of physical sciences and its applications in research, industry daily life.**
- PO-2 Acquired knowledge with facts related to Mathematics ,Physics, Electronics Computer sciences and understand the basic concepts, fundamental principles, scientific theories related to various phenomena and their relevance in day to day life.**
- PO-3 Develop critical thinking to identify, analyse and solve problems of their core areas using modern tools.**
- PO-4 Acquire required skills in handling scientific instruments, writing programmes & analyse data to meet industrial.**
- PO-5 Gain knowledge and skills required for higher education in India and abroad.**
- PO-6 Promote rational thinking using the scientific knowledge for the benefit of mankind and to carry on the research with in the frame work of respecting ethics and value system.**

COURSE OUTCOMES

I SEMESTER

DIFFERENTIAL AND INTEGRAL CALCULUS 101

- CO1** Learn and analyse continuity, differentiation and partial differentiation.
- CO2** Acquire knowledge and elaborate total differential equations, maxima and minima.
- CO3** Understand the concepts of curvature, evolutes and its applications.
- CO4** Apply the integral calculus to find length of a curve, area under curve surface, area and volume of revolution.

COURSE OUTCOMES

II SEMESTER

Differential Equations 201

- CO1** Recognize differential equations that can be solved by methods of separation of variables , integrating methods and use them to solve.
- CO2** Learn and understand to solve problems involving the exponential growth and decay by the application of ODE and by the method of orthogonal trajectories.
- CO3** After learning, students will be equipped with various tools to solve few types of differential equations, that arise in several branches of science.
- CO4** The techniques of solving differential equations, which help to apply their skills in engineering and science.

COURSE OUTCOMES

III SEMESTER

REAL ANALYSIS 301

- CO1** To understand the basic concepts of sequence, series, convergence and divergence.
- CO2** To demonstrate the Rolle's theorem, Mean Value Theorem and its applications.
- CO3** To familiarize with the concepts of differentiation and learn L'Hospital's Rule to find the limits of indeterminate forms.
- CO4** Analyse the definition of Riemann Integral, Fundamental theorem of calculus, and learn the skills to apply in real life.

COURSE OUTCOMES

IV SEMESTER

Abstract Algebra 401

- CO1** Analyse the definition of group by using mathematical tools such as Addition and Multiplication.
- CO2** Able to identify cyclic group, Permutations, cosets and learn about order of group, order of the element, Lagranges theorem.
- CO3** Gain knowledge and structure preserving maps between groups.
- CO4** Learn about Normal subgroups, Rings, ideals and how to use algebraic structure in advanced level.

COURSE OUTCOMES
V SEMESTER
LINEAR ALGEBRA 501

- CO1** Understand and analyse the concepts of vector space, sub space, bases , dimensions and their properties.
- CO2** Relate matrices and linear transformations to compute Eigen values and Eigen vectors.
- CO3** Gain skills on linear transformations and ability to compute complex Eigen values and applications of differential equations.
- CO4** Learn properties of inner product space and apply Gram-Schmidt process to find orthogonal projections.

COURSE OUTCOMES
III YEAR VI SEMESTER
ANALYTICAL SOLID GEOMETRY 601

- CO1** Learn about sphere, circle to inculcate knowledge to solve problems in analytical geometry.
- CO2** Gain knowledge about cones and learn to apply theoretical, analytical knowledge to solve the problems.
- CO3** Understand the geometrical terminology in cylinder.
- CO4** Learn about Central conicoids and its applications.

CO PO MAPPING

DEPARTMENT OF MATHEMATICS 2019-2022							
PROGRAM	BSC						
PO ATTAINMENT USING CO [DIRECT METHOD]							
COURSE CODE	CO PO MAPPING						
	PO 1	PO2	PO3	PO4	PO5	PO6	AVERAGE
CO 101	2.75	1.25	2.00	-	3.00	-	1.5
CO 201	2.75	1.25	2.00	-	3.00	2.00	1.8
CO 301	2.50	1.00	1.75	-	3.00	0.75	1.5
CO401	2.00	1.25	0.25	-	3.00	1.00	1.25
CO 501	-	3.00	1.00	-	3.00	1.00	1.3
CO 601	2.30	1.00	2.00	-	3.00	-	1.4

DEPARTMENT OF MATHEMATICS

2019-2022

If the percentage of students above threshold is

$\geq 70\%$ Attainment level is 3

< 70 but ≥ 60 Attainment level is 2

< 60 but ≥ 50 Attainment level is 1

GRADE	Percentage	Points
O	90 – 100	10
A	75 – 89.99	9
A	60 – 74.99	8
B	55 – 59.99	7
B	50 – 54.99	6
C	45 – 49.99	5
D	40 – 44.99	4
E	35 – 39.99	3
F	< 35	0

Course code	No.of students attempted	Threshold value	No.of student above Threshold	% students above Threshold	Course wise Attainment level
CO101	161	A	91	79	1.5
CO201	152	A	107	60	1.8
CO301	154	B	70	70	1.5
C0401	150	B	138	92	1.25
CO501	149	B	134	89	1.3
CO601	149	B	132	89	1.4

Course code	Course wise target level	Course wise Attainment level
CO101	3	1.5
CO201	3	1.8
CO301	3	1.5
C0401	1	1.25
CO501	3	1.3
CO601	3	1.4

CO PO MAPPING

DEPARTMENT OF MATHEMATICS 2020-2023							
PROGRAM	BSC						
PO ATTAINMENT USING CO [DIRECT METHOD]							
COURSE CODE	CO PO MAPPING						
	PO 1	PO2	PO3	PO4	PO5	PO6	AVERAGE
CO 101	2.75	1.25	2.00	-	3.00	-	1.5
CO 201	2.75	1.25	2.00	-	3.00	2.00	1.8
CO 301	2.50	1.00	1.75	-	3.00	0.75	1.5
CO401	2.00	1.25	0.25	-	3.00	1.00	1.25
CO 501	-	3.00	1.00	-	3.00	1.00	1.3
CO 601	2.30	1.00	2.00	-	3.00	-	1.4

DEPARTMENT OF MATHEMATICS

2020-2023

If the percentage of students above threshold is

$\geq 70\%$ Attainment level is 3

< 70 but ≥ 60 Attainment level is 2

< 60 but ≥ 50 Attainment level is 1

GRADE	Percentage	Points
O	90 – 100	10
<i>A</i> ⁺	75 – 89.99	9
A	60 – 74.99	8
<i>B</i> ⁺	55 – 59.99	7
B	50 – 54.99	6
C	45 – 49.99	5
D	40 – 44.99	4
E	35 – 39.99	3
F	< 35	0

Course code	No.of students attempted	Threshold value	No.of student above Threshold	% students above Threshold	Course wise Attainment level
CO101	168	B	110	65	1.5
CO201	168	B	116	69	1.8
CO301	159	B	96	60	1.5
C0401	158	B	98	62	1.25
CO501	159	B	133	83	1.3
CO601	157	B	86	54	1.4

Course code	Course wise target level	Course wise Attainment level
CO101	2	1.5
CO201	2	1.8
CO301	2	1.5
C0401	2	1.25
CO501	2	1.3
CO601	2	1.4

Students Achievements(2023-2024)

S.NO	NAME OF STUDENT/CLASS	NAME OF THE EVENT	ORGANIZED	DATE	PRIZE/PARTICIPATED
1	H. Chandana MPCS II B.Sc.	carroms	Intercollegiate Tournament at BADURUKA college of commerce	15 th ,16 th Feb 2023	3 rd Prize
2.	Akshara Reddy IB.Sc. MPCS	Tug of war	Rishi UBR PG college for woman	23th,24 th Jan 2023	Participated
3.	A.V.N Chaitanya Lakshmi IIIB.Sc. MPCS	chess	Villa marie Degree &P.G college somajiguda	17-18 Nov 2023	Participated
4.	K.Ramya IB.Sc .MPCS	kabaddi	Dr.BR.AMBEDKAR college	14 th NOV 2023	Participated
5	K.Shruthika II B.Sc.MECS	Mathuri Dance		05 Aug 8sep2023	Participated
6.	K.Shruthika II B.Sc MECS	Independenc e Day celebrations	Golconda fort	15 Aug 2023	Participated
7.	K.Shruthika II B.Sc. MECS	National Integration camp(NIC)	Madurai Kamaraj University, Madurai Tamilanadu through NSS	11 Dec To 17 Dec 2023	Participated
8.	K.Shruthika II B.Sc.MECS	Republic day celebrations	Delhi	8Jan to 28 Jan 2024	Participated
9.	K.Shruthika II B.Sc MECS	Poster Presentation	A.V college of Arts and sciences	19 Feb 2024	Second prize
10.	K.Shruthika II B.Sc. MECS	Model Making	Aurora's Degree College	28 Feb 2024	Participated
11.	K.Shruthika II B.Sc. MECS	Science Models	St. Ann's Degree college	29 Feb 2024	Participated

12.	K.Shruthika II B.Sc. MECS	Mathematical Models	Sarojini Naidu Vanita Mahavidyalaya	28 feb 2024	Frist Prize
13.	G.Surya Prabha IIB.Sc.MPCS	Poster Presentation	St.Francis	22 Jan 2024	Frist Prize
14.	G.Vennla IIB.Sc MPCS	Poster Presentation	St.Francis	22 Jan 2024	Second prize
15.	A.Sreeja IIB.Sc. MPCS	Poster Presentation	St.Francis	22 Jan 2024	Second prize
16.	Hyndhavi IB.Sc.MPCS	Logo	St.Francis	22 Jan 2024	Frist Prize
17.	Supriya IB.Sc. MPCS	Logo	St.Francis	22 Jan 2024	Second prize
18.	Sanjana IB.Sc MPCS	Logo	St.Francis	22 Jan 2024	Third prize
19.	Nageshwari IIIB.Sc. MPCS	Republic day Cultural Program	Delhi	26 Jan 2024	Participated
20.	P.Srivani IIIB.Sc.MPCS	Republic day Cultural Program	Delhi	26 Jan 2024	Participated

FACULTY ACHIEVEMENTS (2018-23)

S.NO	NAME OF THE FACULTY	FDP/ workshops/ conferences	DEPARTMENTAL ACTIVITIES
			One day FDP program in PURE EARTH ENVIRONMENT held on 16/11/2019
			FDP in MATHEMATICS AND STATISTICS held on 28/11/2020 – 2/12/2020.
			FDP IN MATHEMATICS FOR A BETTER WORLD 21/3/2022 – 26/3/2022.
			FDP on OUTCOME BASED EDUCATION 5/12/2022 – 9/12/2022
			FDP in MATHEMATICS FOR A BETTER WORLD 21/3/2022 – 26/3/2022.
			Awareness in NIRF telangana state
		workshops	Attended National workshop on TRANSFORMATION THROUGH NAAC. On 27/11/2021 (1000 Rs)
		conference	Attended one day conference on PURE EARTH ENVIRONMENT held on 26/11/2022 (250 Rs)
2	G.Suneetha	FDP	five day FDP on BLENDED TEACHING AND LEARNING 27/8/20218 - 31/8/2018.
			Five day FDP on ART OF TEACHING 23/9/2019 -27/9/2019.
			One day FDP program in PURE EARTH ENVIRONMENT held on 16/11/2019
			FDP on pedagogy of teaching and tools on E- CONTAIN FOR EFFECTIVE teaching 5/7/202-14/7/2021.
		Workshop	Attended National workshop on TRANSFORMATION THROUGH NAAC. On 27/11/2021 (1000 Rs)
			Completed one month online training program MATHLAB AND LATEX 23/2/2020-30/3/2020.

		Conference	Attended one day conference on PURE EARTH ENVIRONMENT held on 26/11/2022 (250 Rs)
			Attended workshop in MS OFFICE from 3/7/2023 to 10/7/2023.
3	J.Jhansi Lakshmi	PDF	Participated in “ ONLINE NEP ORIENTATION & SENSITIZATION PROGRAMME ” held on 12/10/2023 - 21/10/2023.
		Workshop	Attended workshop in MS OFFICE from 3/7/2023 to 10/7/2023.
		Conference	Attended one day conference on PURE EARTH ENVIRONMENT held on 26/11/2022 (250 Rs)

Dept of Mathematics – Activities from 1st June 2020 to 31st May 2021					
M.P.MALATHI					
S.No.	DATE	ORGANISED BY COLLEGE/INSTITUTION	TOPIC	FDP/WORK SHOP/LECTURE/WEBINAR	NO OF DAYS
					1
1	18-06-2020	G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE ,HYDERABAD.	GENERALMATHS	QUIZ	1
2	21-06-2020	ANDHRA MAHILA SABA ARTS &SCIENCE COLLEGE FOR WOMEN	SAMEEKARAN	INTERNATIONAL4 DAY WEBINAR	4
3	22-6=2020	G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE,,HYDERABAD.	ENGINEERING MATHS	QUIZ	1
4	01-07-2020	SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,NANDED	TRANING FOR TEACHERS ON TOOLS FOR ONLINE TEACHING TEACHING LEARNING AND EVALUATION	PEDAGOGICAL TRAINING	7
5	10-07-2020	SUJATHA DEGREE&PG COLLEGE,	ON CRITICAL THINKING	NATIONAL WEBINAR	1
6	10-07-2020	SAROJINI NAIDU VANITA MAHA VIDYALAYA,HYDERABAD	OPPORTUNITIES AFTER UG	ORIENTATION PROGRAM	1
7	11-07-2020	PULLAREDDY DEGREE &PG COLLEGE,,HYDERABAD.	GENERALMATHS	NATIONAL LEVEL E QUIZ	1
8	13-7-2020 TO 16-7 2020	ANDHRA MAHILA SABA ARTS &SCIENCE COLLEGE FOR WOMEN ,HYDERABAD.	VEDIC MATHS	INTERNATIONAL WORKSHOP	4
9	25-07-2020	SAROJINI NAIDU VANITA MAHA VIDYALAYA,HYDERABAD	WOMAN ACHIEVER Ms.DEEPIKA RAO MD&CEO,GINGERHOT ELS	INTERACTIVE SESSION	1
10	26-07-2020	VIGNANA BHARATHI INSTITUE OF TECHNOLOGY,HYDERABAD	MATHEMATICS IS THE BRAIN OF ENGINEERING & TECHNOLOGY	INTERNATIONAL WEBINAR	1
12	28-12-20 TO 02-01 2021	R.B.V.R.R WOMEN'S COLLEGE,HYDERABAD	MATHEMATICS &STAISTICS	FDP	7
13	22-02-21 TO 26-02-21	LITTLE FLOWER DEGREE COLLEGE,UPPAL,HYDERABAD &AUXILIUM COLLEGE VELLORE TAMILNADU	MAJOR ROLE OF DEVELOPMENT OF SCIENCE & TECHNOLOGY	INTERNATIONAL PROFESSIONAL	5

				DEVELOPMENT PROGRAM	
14	27-05-2021	AURORA'S DEGREE & PG COLLEGE, HYDERABAD	MATHEMATICAL MODEL STUDY OF COVID-19	WEBINAR	1
15	21-03-2021	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE	EFFECTIVE WRITING	NPTEL ONLINE CERTIFICATE COURSE	4 WEEKS

DEPARTMENTAL ACTIVITIES (2018-2024)

<i>S.NO</i>	<i>Seminars and Webinars</i>	<i>Date & Year</i>
1.	Two day state level Mathematics meet $\sqrt{\sum NRICHMATH}$	27-9-2018.
2.	Webinar on “ <i>WOMEN EMPOWERMENT: challenges and opportunities.</i> ”	25-07-2020
3.	Webinar on <i>UPSKILL WITH VEDIC MATHS</i> On the occasion of National Mathematics Day & Sri Srinivasa Ramanujan’s Birth Anniversary.	22-12-2020
4.	Webinar on the <i>TOPIC: STEP</i> (Student Talent Enhancement Program).	8-05-2020
5.	5 day virtual National Level Faculty Development program on <i>MATHEMATICAL MODELING.</i>	04-2022 to 11-12-2022
6.	Guest lecture on Applications of differential equations in Linear Algebra by Mrs K.Jyothi HoD of St. Pious Degree and PG college.	15.12.2022.
7.	MATH \int et \sum s MODELS EXHIBITION (Mathematics in daily life) on occasion of Sri Ramanujam’s birth anniversary celebrations.	22-12-2022
8.	National Science Day celebrations on Global sci	28 Feb 2024

OUR FORMER COLLEAGUES

- 1. Mrs M. SANGITHA** presently working as a professor in Bengaluru university.
- 2. Mrs N. SRILATHA** working as a TGT in GURUKUL school GOSHAMAHAL.
- 3. Mrs SRI VANI** working as a PGT in GURUKUL SCHOOL MADAK.
- 4. Mrs R. LAKSHMI PRIYA** working as system operator in TSSPDCL.

OUR RETIRED COLLEAGUES

- 1. Dr P.V.S. LAKSHMI** Principal
- 2. Dr B. NIRMALA DEVI** Principal

GUEST LECTURES

Department of Mathematics has conducted a guest lecture on Applications of differential equations in Linear Algebra by Mrs K.Jyothi HoD of St. Pious Degree and PG college.on 15.12.2022.



DEPARTMENT OF MATHEMATICS

LIST OF EMINENT POSITION OF STUDENT

S.NO	NAME	BATCH	PHONE NUMBER	PRESENT POSITION
1	P.V.S LAKSHMI		9502661847	Retd. PRNCIPAL
2	B NIRMALA DEVI		9490422937	Retd. PRNCIPAL
3	PREETHI MUNDE	2021	7729963120	BEAUTY WITH BRAIN
4	N.SRILATHA	2005	9885827211	GURUKUL TEACHER
5	SREEVANI	2008	9618369865	GURUKUL TEACHER
6	MEERA JOSHI	1985	9866228635	PROFESSOR DEPT OF MATHEMATICS AURORA'S DEGREE COLLEGE
7	NAGALAKSHMI	1991	9866894068	ASSOCIATE PROFESSOR IN THE STRATEGIC AREA AT THE SCHOOL OF BUSINESS AND ECONOMICS AT SONOMO STATE UNIVERSITY , US A.
8	NAGAMANI	2016	8187029275	WORKING AS BUSSINESS ASSOCIATE ON TATA AIA LIFE INSURANCE Ltd
9	MANASWITHA	2015	8106346338	RAJA PUSHAPROPERTICES HR ADMIN.
10	SOWMYA	2018	8500212622	HR IN LTI MIND TREE
11	AISHWARYA	2016	7675849602	WIPRO TECHNOLOGIES SENIOR TEST ENGOINEER
12	BHAVANA	2017	7286921705	SENIOR ASSOCIATE IN WIPRO
13	JINESHA	2016	8143773540	DEVELIOPS ENGINEER IN GRID DYNAMICS
14	SRINIJA	2020	6303854533	WIPRO (SAPPORT ENGINEER)
15	USHA	2012	8464897973	Jr. ASSISTANT IN (TSSPOCL)

Future Plans

1. Plan to provide more power point Lectures in the department website as reference for the students.
2. To start coaching for Entrance examination for IIT-JAM ICET, PG CET.

OUR LIBRARY

There is one departmental library apart from the college central library. The books in the departmental and central library put together around 3650. The Departmental library has 175 books.

ACTIVITIES OF THE DEPARTMENT

The department actively participates in both curricular and extracurricular activities viz..

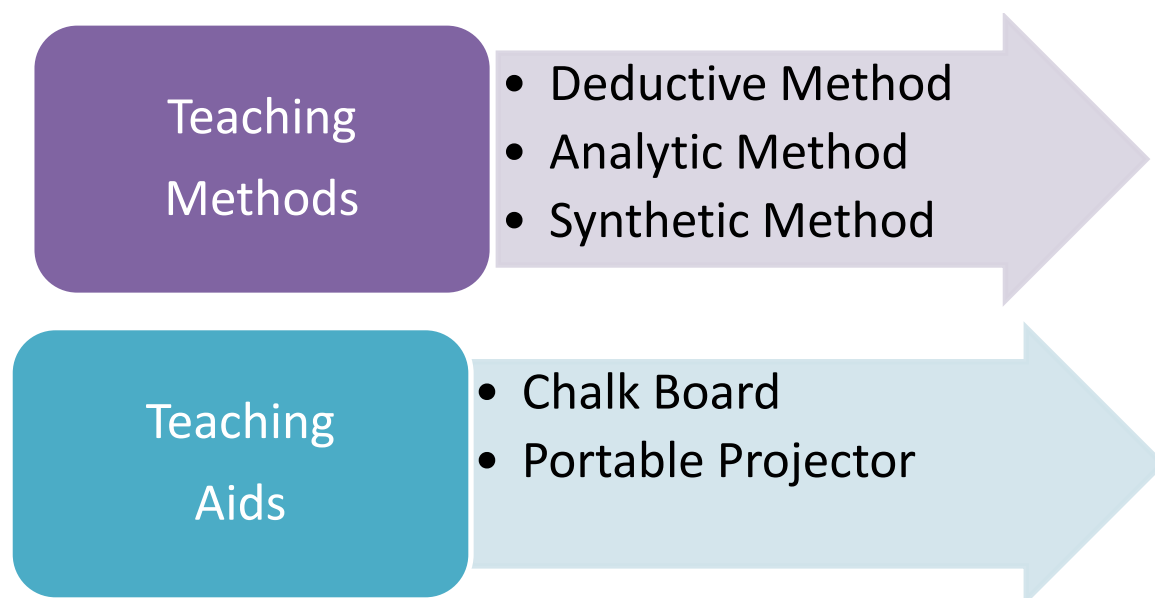
- Time table Committee
- Stage Decoration
- Remedial Classes
- Hostel Committee
- Maintenance Committee
- We were invited as guest faculty to conduct the classes in Kamala Nehru Polytechnic College, Exhibition Grounds. Nampally .

TEACHING METHODS AND AIDS

To enrich the academic standards of our students, the methods of assessing them are through the following methods.

1. Group leaders.
2. Group discussions
3. Seminars by Students
4. Assignments
5. Internal exams
6. Digital class
7. Online remedial class
8. Semester Exams

On the basis of above, the students are analysed as below average and brightly. The below average students are provided with remedial coaching.



SWOC ANALYSIS OF DEPARTMENT OF MATHEMATICS

STRENGTHS

- The department has dedicated and committed faculty.
- A strong bond with a high level of interaction between the faculty and students.

WEAKNESS

- Students are showing less inclination towards joining B.Sc Physical Sciences.

OPPORTUNITIES

- Department provides necessary training to UG students for competitive examinations introducing Quantitative Aptitude and reasoning.

CHALLENGES

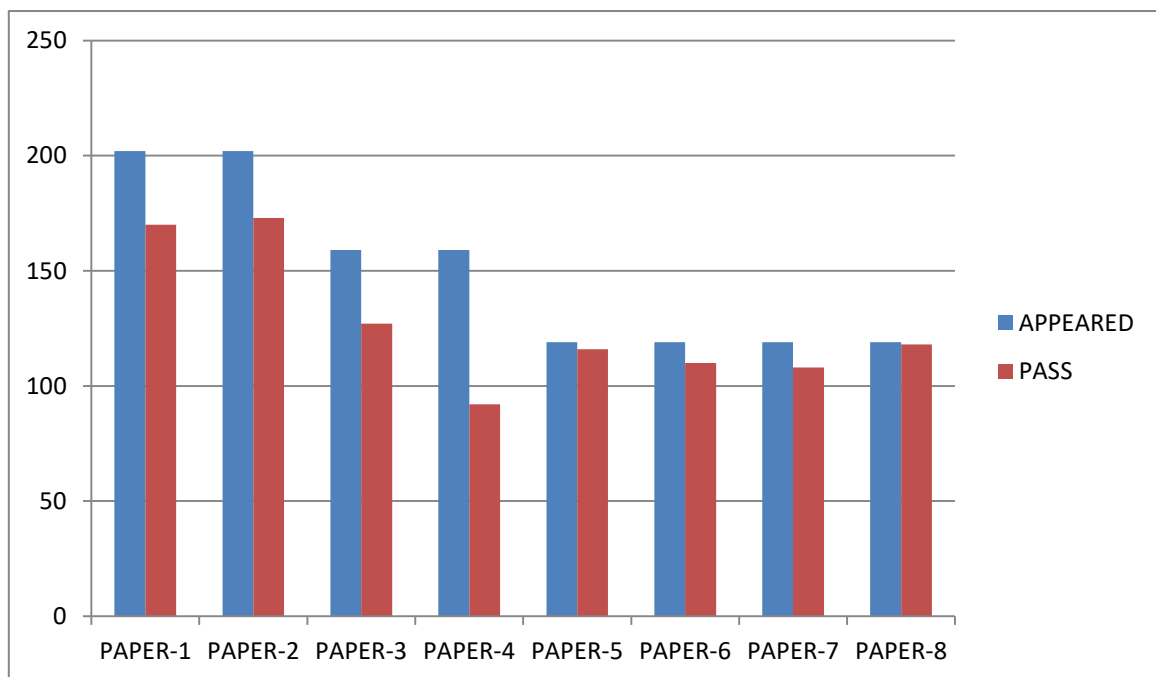
- More placements in core companies.
- Managing quality of teaching-learning process in the Semester time frame.

ADD ON CERTIFICATE COURSE

S.NO	NAME OF COURSE	Resource person	Date & Year
1	APTITUDE AND REASONING	Mrs M. P Malathi	12 th May to 10 th June 2019
2	QUANTITATIVE APTITUDE FOR COMPETITIVE EXAMS	Mrs M. P Malathi	26 th Sep to 11 th Nov 2022

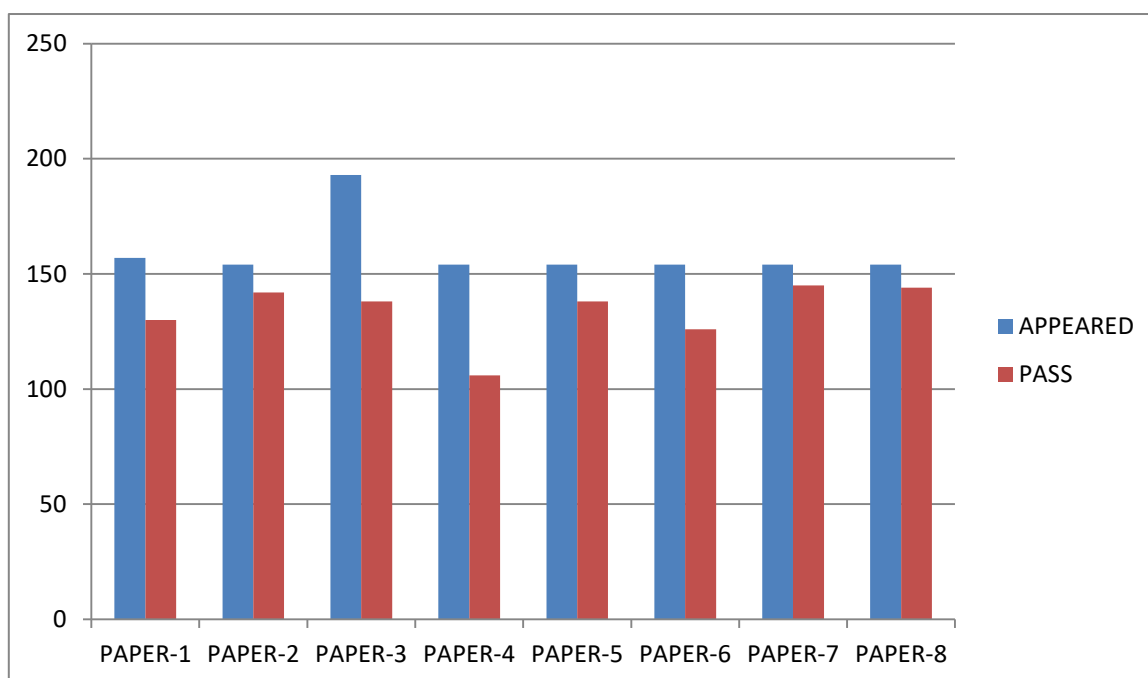
RESULT ANALYSIS (2018-2019)

SEMESTER	APPEARED	PASS
PAPER-1	202	170
PAPER-2	202	173
PAPER-3	159	127
PAPER-4	159	92
PAPER-5	119	116
PAPER-6	119	110
PAPER-7	119	108
PAPER-8	119	118



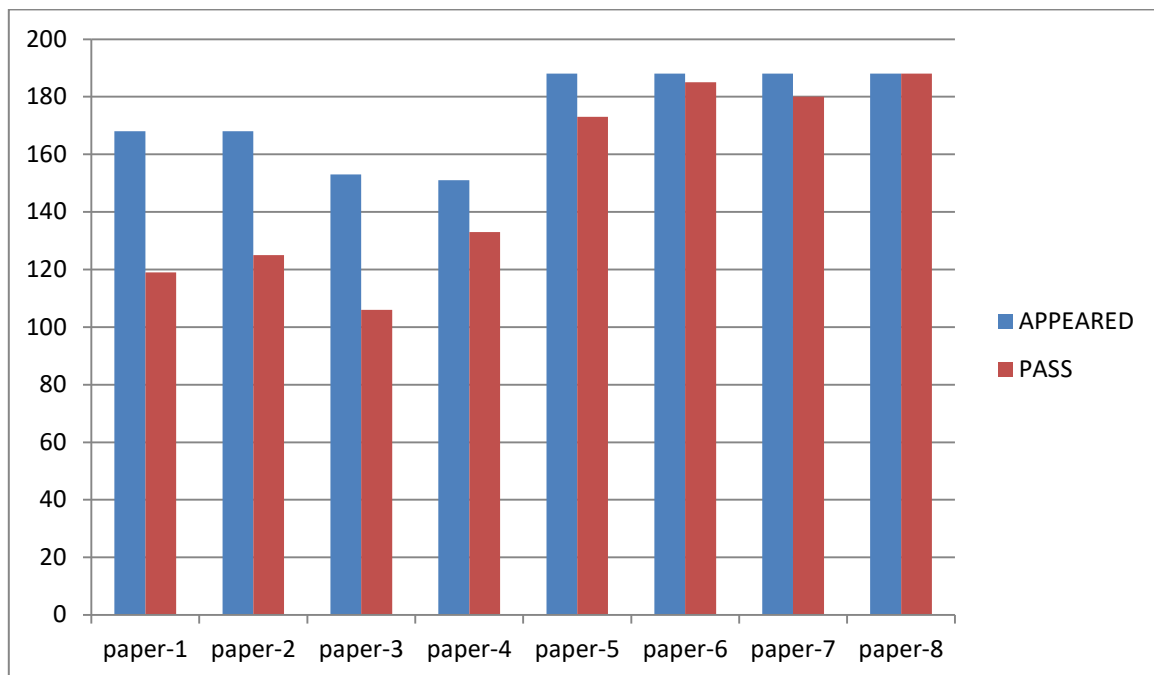
RESULT ANALYSIS (2019-2020)

SEMESTER	APPEARED	PASS
PAPER-1	157	130
PAPER-2	154	142
PAPER-3	193	138
PAPER-4	154	106
PAPER-5	154	138
PAPER-6	154	126
PAPER-7	154	145
PAPER-8	154	144



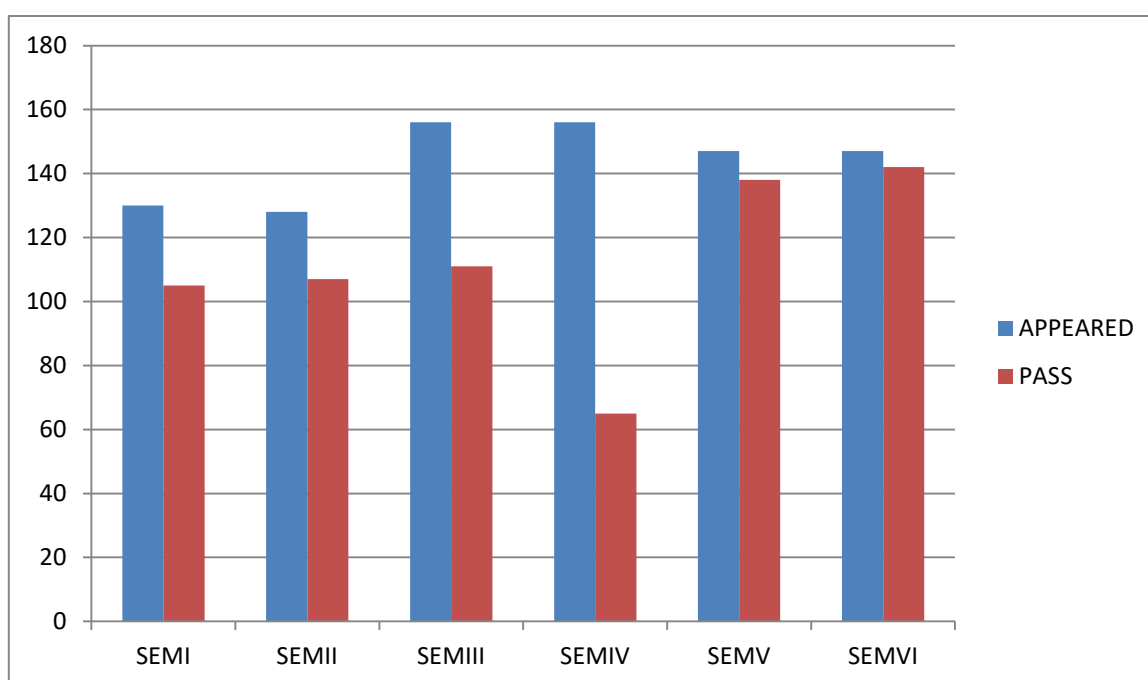
RESULT ANALYSIS (2020-2021)

SEMESTER	APPEARED	PASS
PAPER-1	168	119
PAPER-2	168	125
PAPER-3	153	106
PAPER-4	151	133
PAPER-5	188	173
PAPER-6	188	185
PAPER-7	188	180
PAPER-8	188	188



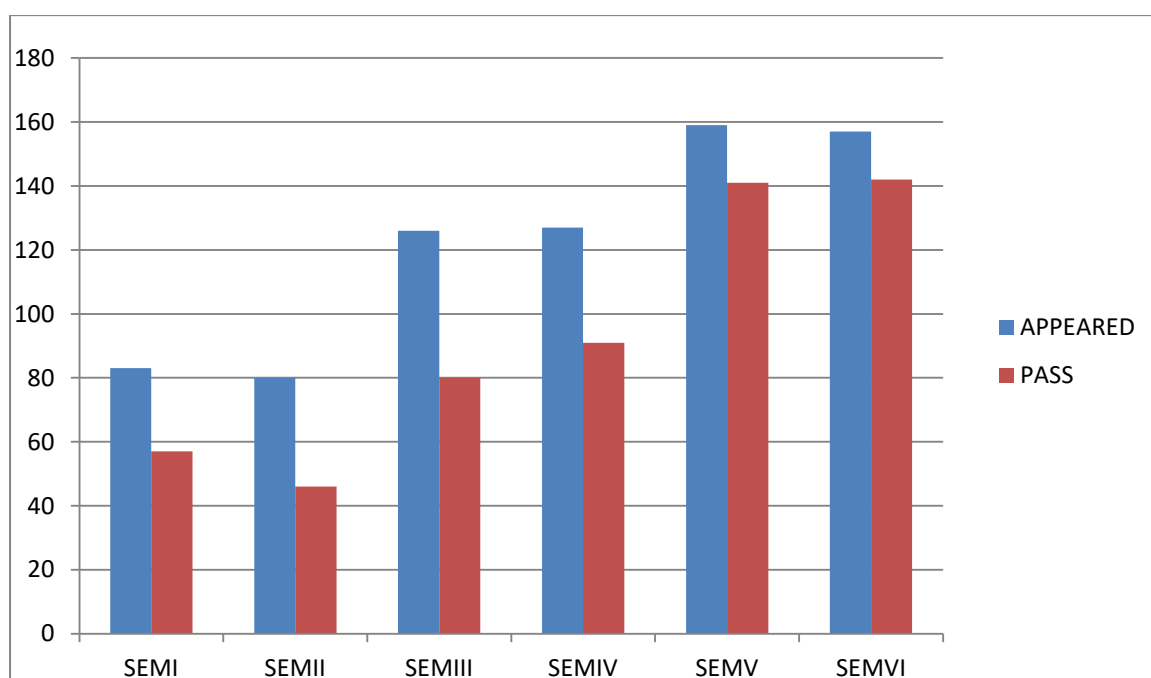
RESULT ANALYSIS (2021-2022)

SEMESTER	APPEARED	PASS
SEM I	130	105
SEM II	128	107
SEM III	156	111
SEM IV	156	65
SEM V	147	138
SEM VI	147	142



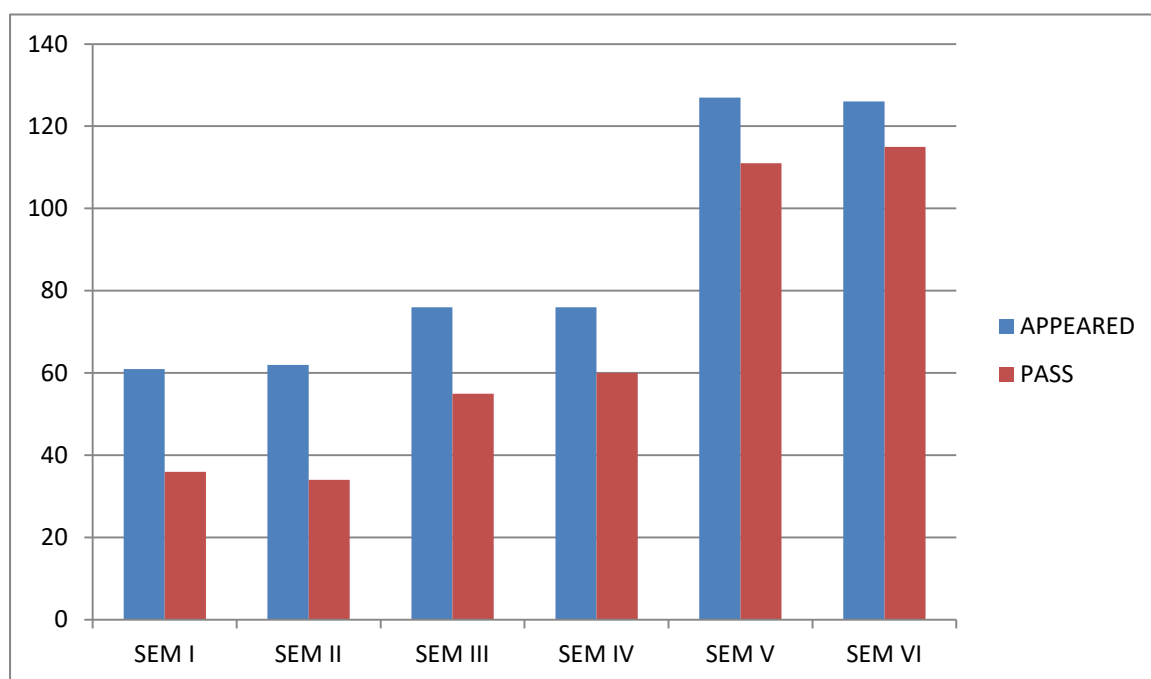
RESULT ANALYSIS (2022-2023)

SEMESTER	APPEARED	PASS
SEM I	83	57
SEM II	80	46
SEM III	126	80
SEM IV	127	91
SEM V	159	141
SEM VI	157	142



RESULT ANALYSIS (FEB 2024)

SEMESTER	APPEARED	PASS
SEM I	61	36
SEM II	62	34
SEM III	76	55
SEM IV	76	60
SEM V	127	111
SEM VI	126	115



MOU by the Department of Mathematics

Department has organized an awareness program on 29th April 2022 on the Topic“**QUANTITATIVE APTITUDE VS COMPETITIVE EXAMS**” at GAYATHRI DEGREE & PG COLLEGE ‘Peddapally’ Telengana as a part of MOU activity.

Mrs. M.P.Malathi Head Department of Mathematics has conducted classes as a part of MOU activity.

BEST PRACTICES

- ❖ Quantitative Aptitude VS Competitive Exams

Objectives of the practices.

- ❖ To impact the vital skill and foundational knowledge of mathematics.
- ❖ To deepen the skill gained in the course worth.
- ❖ Giving necessary training to UG students for competitive examinations
By introducing Quantitative Aptitude.

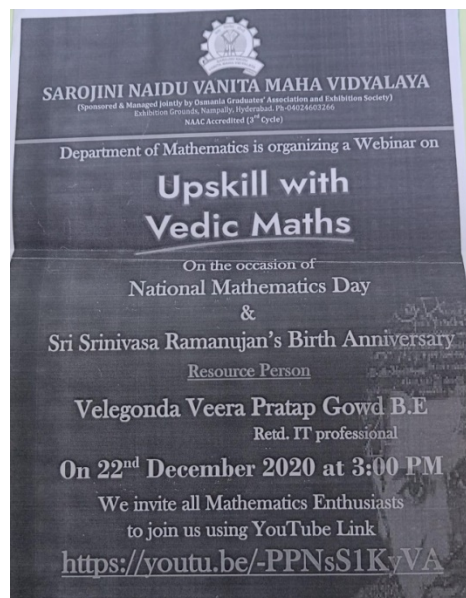
Problems encountered

- ❖ Initially the responses was poor and Attendance was also poor.
- ❖ Slowly they started showing interest and practiced actively to the service learning program and also benefited due to continuous motivation.

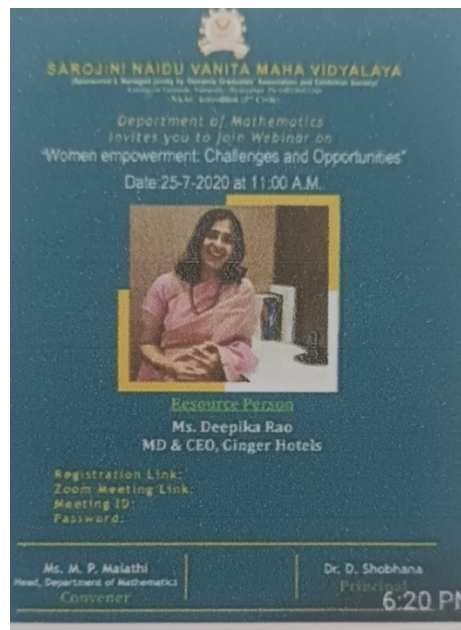
GALLERY



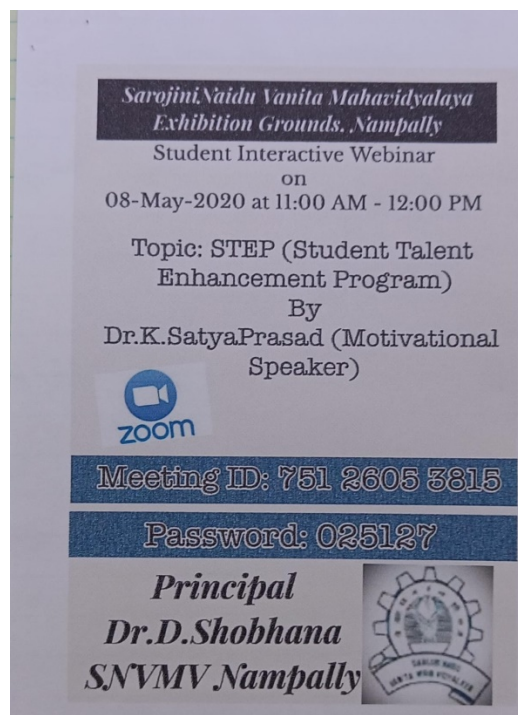
Department of mathematics organized Two day state level Mathematics meet $\sqrt{\sum NRICHMATHS}$ on 27th September 2018.



Webinar on Upskill with Vedic Maths On the occasion of National Mathematics Day & Sri Srinivasa Ramanujan's Birth Anniversary by Velegonda Veera Pratap Gowd B.E Retd. IT professional on 22-12-2020



Webinar on “Women empowerment: challenges and opportunities.” held on 25-07-2020 by Ms. Deepika Rao MD & CEO, Ginger Hotels.



the TOPIC: STEP(Student Talent Enhancement Program) by Dr. K. Satya Prasad (Motivational Speaker) on 8-05-2020

SAROJINI NAIDU VANITA MAHA VIDYALAYA
 (SPONSORED BY GOVERNMENT OF ANDHRA PRADESH, HYDERABAD, PIN-502298) (UPEAC)
 EXHIBITION GROUNDS, MANIPALLY, HYDERABAD, PIN-502298 (UPEAC)
 HASSA ACCREDITED (UPEAC) (UPEAC)

5 Day Virtual National Level Faculty Development Program on MATHEMATICAL MODELLING

Organised by **Department of Mathematics**

06th April 2022 to 11th April 2022
 10:30 AM to 12:30 PM

Registration Link
<https://forms.gle/btgFpGgCY7xP29BQ7>
 Register by 5th April 2022 6:00 PM

Ms. M. P. Malathi Dr. D. Shobhana
 Head, Dept. of Mathematics Principal
 Convener

Mobile – 9849479050

Resource persons

Day 1

Dr. SSVN SARMA
 Retd. Prof., Dept. of Informatics
 Kakatiya University, Warangal

Day 2

Prof. C. RAGHAVENDRA RAO
 Sr. Professor
 School of Computer Information
 University of Hyderabad

Day 3

Prof. G. P. RAJASEKHAR
 Dean, Faculty of Sciences
 IIT, Kharagpur

Day 4

Dr. K.L. VASUNDHARA
 Head, Dept. of Mathematics
 Stanley College of Engg. & Tech. for Women

Day 5

Dr. T. SUMAN KUMAR
 Assoc. Professor
 School of Mathematics & Statistics
 University of Hyderabad.

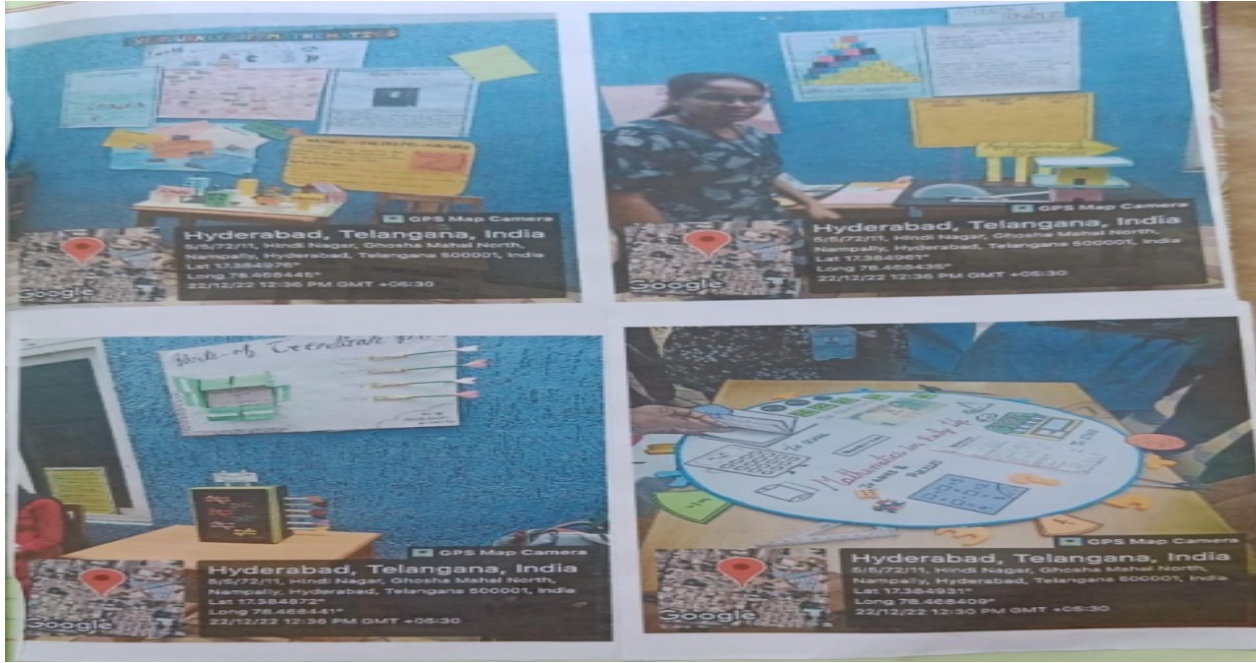
5 day virtual National Level Faculty Development program on MATHEMATICAL MODELING from 6-04-2022 to 11-12-2022.



Add On Course On “Quantitative Aptitude” on 5-11-2021 to 6-12-2021 by M.P.Malathi (Head, Dept. of Mathematics)

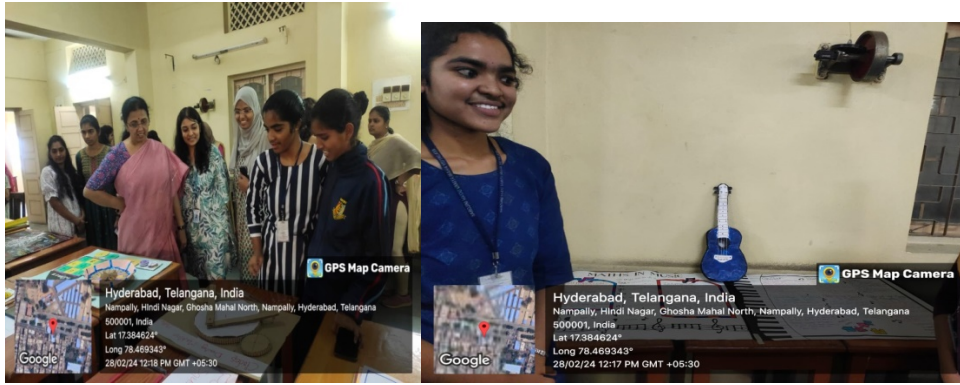


Mrs. M.P.Malathi Head Department of Mathematics has conducted classes as a part of MOU activity.

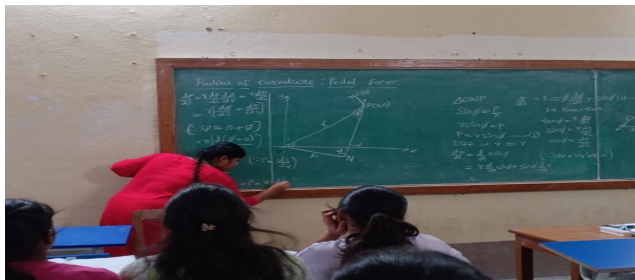


MATH f et Σ s MODELS EXHIBITION

(Mathematics in daily life) on 22-12-2022 on occasion of Sri Ramanujam's birth anniversary celebrations.



National Science Day on 28 Feb 2024 most of the students has participated in this celebrations.



Students Classroom Seminar



At St Francis January 22nd 2024

Badhruka college Mandala art on
March 23rd 2024



poster presentations in National Science Day 2023



PPT by students in NATIONAL SCIENCE DAY 2023