

TELANGANA TRIBAL WELFARE RESIDENTIAL

DEGREE COLLEGE (BOYS)

MANUGURU

BHADRADRI KOTHAGUDEM DISTRICT

TELANGANA STATE

(Affiliated to Kakatiya University)

DEPARTMENT PROFILE



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INTRODUCTION

The Department of Mathematics was started in this College 2017 with the BSc (MPC) (ENGLISH MEDIUM) course. Eminent and well experienced faculty served at this department. The faculty is always available to guide and council the students and remain friendly and accessible. Special coaching for different entrance examinations after graduation.

Department have conducted a good number of Co-curricular activities such as Student Seminars, Assignments, Extension Lectures and MATHEMATICS QUIZ etc. To increase their participant and collaborative learning.

To leverage the technology, interestingly, effectively using ICT for making the teaching learning more effective.

Eminent, Scholastic and Rich Experienced Teachers have served at the department and Department of MATHEMATICS valuable services in various Academic, Administrative, and Extension Committee.

Departmental Library is also available with reference books. The Department of Mathematics has available Departmental Library and Digital Library and again Reading Room, Computers Lab Facility is available to students with Internet Facility.

Department of Mathematics was established in the year 2017-18 with B.Sc., (MPC) (ENGLISH MEDIUM) Course in UG section. Initially B.Sc. (MPC& MPCs) ENGLISH Medium programme was offered.

B.Sc., (MPC)(EM) & B.Sc., (MPC's)(EM) UG courses are continuing in present.

In UG courses CBCS system introduced since 2017-18 academic year.

AIMS AND OBJECTIVES

- ❖ To attract mathematically able students and to provide for them academically coherent undergraduate programmes, with courses that range from the fundamental to the advanced, reflecting the scholarship and research interests of staff.
- ❖ To provide students with friendly pastoral and academic support which will help them develop their capabilities in an environment where both independent study and interaction with staff and fellow students are encouraged.
- ❖ Recognize that mathematics permeates the world around us appreciate the usefulness, power and beauty of mathematics.
- ❖ Enjoy mathematics and develop patience and persistence when solving problems.
- ❖ Understand and be able to use the language, symbols and notation of mathematics.
- ❖ Develop mathematical curiosity and use inductive and deductive reasoning when solving problems.

VISION & MISSION

The Vision of the Mathematics Department

✧ To create an enlighten society of educated young minds with scientific temperament, logical analysis and rational thinking.

The Mission of the Mathematics Department

✧ By preparing the students not only for the three year academic phase but also for the Period where they have to struggle individually for their careers and jobs.

✧ The Mission of the Department of Mathematics is to advance the Mathematical Sciences through the education of undergraduate students by providing them with quality class room, research and service opportunities, with a high standard for excellence in all three areas the department will produce students who are knowledgeable in mathematics and can think critically.

STRENGTH, WEAKNESS OPPORTUNITIES AND CONSTRAINTS

Strengths:

Efficient, sincere and hardworking team of faculty members, many of whom have talents other than teaching. Availability of CCTV Cameras for safety and security

Weakness:

Despite the best efforts put in by the faculty members could produce only a few rankers in PG entrance. Less number of admissions.

Opportunities:

Students are very hard working and sincere so that the Department can have better meritorious achievements. With the talents in students to develop better overall personality. With infrastructural facilities quality education can be carried out by students and teacher.

There is lot of potential increase for the admissions in the days to come. More number of Certificate and Value Added Courses can also be introduced in future.

Challenges:

To promote hard work and uplift the scholastic capacities of students through appropriate motivation is a major challenge. To cultivate research aptitude among them. Severe competition from private colleges which are indulging in unfair practices in admissions. The college is suffering from location problem.

BIODATA OF THE STAFF



SATHISH KUMAR

DESIGNATION : LECTURER IN MATHEMATICS

QUALIFICATION: M.Sc., SET, B.Ed.

EXPERIENCE : 18YEARS



NAME : Md RESHMA

DESIGNATION : LECTURER IN MATHEMATICS

QUALIFICATION : M.Sc., B.Ed.

EXPERIENCE : 03YEARS

CRITERIA-I

CURRICULAR ASPECTS COURSES OFFERED

- ❖ Department of Mathematics was established in the year 2017-18 with B.Sc.,(MPC& MPCs)(ENGLISHMEDIUM) Course in UG section.
- ❖ Initially B.Sc. (MPC & MPCs) ENGLISH Medium programme was offered, But B.Sc.(MPC) E.M. programme was implemented in the academic year 2017-18.
- ❖ B.Sc., (MPC & MPCs)(EM) UG courses are continuing in present.
- ❖ In UG courses CBCS system introduced since 2017-18 academic year.
- In Present Academic Year Offered Courses :B.Sc.,(MPC)(EM); and B.Sc.,(MPC's)(EM)

Syllabus 2017-20- & 2018-21-Year Semester Wise

Course	YEAR	SEMESTER	PAPER	Topics	Max.Marks
B.Sc.	I YEAR	I	I	DIFFERENTIAL CALCULUS	20+50+100=150
		II	II	DEFFERENTIAL EQUATIONS	20+50+100=150
	II YEAR	III	III	REAL ANALYSIS	20+50+100=150
		IV	IV	ALGEBRA	20+50+100=150
	III Year	V	V V(A)	LINEAR ALGEBRA SOLID GEOMETRY	20+50+100=150 20+50+100=150
		VI	VI VI(B)	NUMERICAL ANALYSIS VECTOR CALCULUS	20+50+100=150 20+50+100=150

Syllabus 2019-24 Semester Wise

Course	Papers	Topics	
B.Sc.,	I Year I Sem	Differential Calculus & Integral Calculus	25+100=125
	I Year II Sem (Sem-2)	Differential Equations	25+100=125
	II Year I Sem (Sem-3)	Real Analysis	25+100=125
	II Year II Sem (Sem-4)	Algebra	25+100=125
	III Year I Sem (Sem-5)	Linear Algebra	25+100=125
	III Year II Sem (Sem-6)	VI-A: Numerical Analysis VI-B: INTEGRAL TRANSFORMS VI-C: ANALYTICAL SOLID GEOMETRY (ELECTIVE)	25+100=125

DEPARTMENT OF MATHEMATICS PAPERS AND CREDITS

S.NO.	COURSE TYPE & PAPER	TITLE OF THE PAPER	THEORY CREDITS	TUTORIAL CREDITS	TOTAL CREDITS
1	DSC-IA (SEM-I)	DIFFERENTIAL AND INTEGRAL CALCULUS	4	1	5
2	DSC-IB (SEM-II)	DIFFERENTIAL EQUATIONS	4	1	5
3	DSC-IC (SEM-III)	REAL ANALYSIS	4	1	5
4	SEC-2	BIO-STATISTICS	2	0	2
5	DSC-ID (SEM-IV)	ALGEBRA	4	1	5
6	DSE-IE (SEM-V)	LINEAR ALGEBRA	4	1	5
7	GE (SEM-V)	WATER RESOURCE MANAGEMENT	4	0	4
8	DSE-IF (SEM-VI)	NUMERICAL ANALYSIS	4	1	5

TIME TABLE 2023-24

Semesters I,III,V

N SATHISH KUMAR

DAY PERIOD	9-00 To 10-00	10-00 to 11-00	11-10 To 12-10	12-10 to 01-10	01-00 To 02-00	02-00 to 03-00	03-00 to 05-00
MON DAY		NON	M5	M5	LUNCH		PG
TUES DAY		M5				NON	EMPB
WEDNES DAY		M5		M5 GE			PG
THURS DAY		M5		M5 GE			EMPB
FRI DAY		M5		M5 GE			PG
SATUR DAY				M5 GE			EMPB

WEEKLY WORK LOAD: 24+12=36 PERIODS

NOTE: M5-THIRD YEAR (SEM-III)

NOTE: M5 GE-THIRD YEAR (SEM V GENERAL ELLECTIVE)

NOTE: NON- SECOND YEAR NON CORE (SEM-III)

NOTE: PG-PG COACHING

NOTE:EMPB-THIRDYEAR (SEM V EMPLOYBILITY)

TIME TABLE 2023-24

Semesters I, III, V

MD RESHMA

DAY PERIOD	9-00 To 10-00	10-00 to 11-00	11-10 to 12-10	12-10 to 01-10	01-00 To 02-00	02-00 to 03-00	03-00 to 05-00
MONDAY	M1				LUNCH		
TUESDAY	M1		M3	M3			
WEDNESDAY	M1		M3				
THURSDAY	M1		M3				
FRIDAY			M3				
SATURDAY	M1	M1	M3				

WESEKLY WORK LOAD: 12 PERIODS

NOTE: M1-FIRST YEAR MPCs(SEM-I)

NOTE: M3-SECOND YEAR MPCs (SEM-III)

TIME TABLE 2023-24

Semesters II, IV, VI

N SATHISH KUMAR

DAY PERIOD	9-00 To 10-00	10-00 To 11-00	11-10 to 12-10	12-10 To 01-10	01-00 To 02-00	02-00 To 03-00	03-00 To 05-00
MONDAY		M2			LUNCH		PG
TUESDAY		M2	M6	M6			EMPB
WEDNESDAY		M2	M6				PG
THURSDAY	M4	M2	M6				EMPB
FRIDAY	M2	M2	M6				PG
SATURDAY	M4	M4	M6				EMPB

WEEKLY WORK LOAD: 15+12=27 PERIODS

NOTE: M2-FIRSTYEAR (SEM-II)

NOTE: M4-SECONDYEAR MPCs (SEM-IV)

NOTE: M6-THIRD YEAR (SEM-VI)

NOTE: PG-THIRD YEAR PG COACHING

NOTE: EMPB-THIRDYEAR (SEM V EMPLOYBILITY)

TIME TABLE 2023-24

Semesters II,IV,VI

MD RESHMA

DAY PERIOD	9-00 To 10-00	10-00 To 11-00	11-10 To 12-10	12-10 To 01-10	01-00 To 02-00	02-00 to 03-00	3-00 To 05-00
MONDAY	M4				LUNCH		
TUESDAY	M4		M6	M6			
WEDNESDAY	M4		M6				
THURSDAY			M6				
FRIDAY			M6				
SATURDAY			M6				

WEEKLY WORK LOAD: 10 PERIODS

NOTE: M4-SECONDYEAR MPCs (SEM-IV)

NOTE: M6-THIRD YEAR (SEM-VI)

TIME TABLE 2022-23

Semesters I,III,V

N SATHISH KUMAR

DAY PERIOD	9-00 To 10-00	10-00 to 11-00	11-10 To 12-10	12-10 to 01-10	01-00 To 02-00	02-00 to 03-00	03-00 to 05-00
MON DAY		M1	M5		LUNCH	M5 GE	PG
TUES DAY		M1	M5			M5 GE	PG
WEDNES DAY		M1	M5				PG
THURS DAY			M5			M5 GE	PG
FRI DAY			M1	M1		M5 GE	PG
SATUR DAY		M1	M5	M5			PG

WEEKLY WORK LOAD: 16+12=28 PERIODS

NOTE: M1-FIRST YEAR (SEM-I)

NOTE: M5-THIRD YEAR (SEM-III)

NOTE: M5 GE-THIRD YEAR (SEM V GENERAL ELLECTIVE)

NOTE: PG-PG COACHING

TIME TABLE 2022-23

Semesters I, III, V

Y SATYANARAYANA

DAY PERIOD	9-00 To 10-00	10-00 to 11-00	11-10 to 12-10	12-10 to 01-10	01-00 To 02-00	02-00 to 03-00	03-00 to 05-00
MONDAY		CM3		NON	LUNCH		EMPB
TUESDAY	SM3	CM3		NON			
WEDNESDAY		CM3	SM3	SM3			EMPB
THURSDAY	SM3	CM3					
FRIDAY	CM3	CM3		SM3			EMPB
SATURDAY		SM3					

WESEKLY WORK LOAD: 18+06=24 PERIODS

NOTE: CM3-SECOND YEAR MPC (SEM-III)

NOTE: SM3-SECOND YEAR MPCs (SEM-III)

NOTE: NON- SECOND YEAR NON CORE (SEM-III)

NOTE:EMPB-THIRDYEAR (SEM V EMPLOYBILITY)

TIME TABLE 2022-23

Semesters II, IV, VI

N SATHISH KUMAR

DAY PERIOD	9-00 To 10-00	10-00 To 11-00	11-10 to 12-10	12-10 To 01-10	01-00 To 02-00	02-00 To 03-00	03-00 To 05-00
MONDAY			M2	M2	LUNCH		PG
TUESDAY		M4	M2				PG
WEDNESDAY		M4	M2				PG
THURSDAY		M4	M2				PG
FRIDAY		M4	M2				PG
SATURDAY	M4	M4					PG

WEEKLY WORK LOAD: 12+12=24 PERIODS

NOTE: M2-FIRSTYEAR (SEM-II)

NOTE: M4-SECONDYEAR MPCs (SEM-IV)

NOTE: PG-YHIRD YEAR PG COACHING

TIME TABLE 2022-23

Semesters II,IV,VI

Y SATYANARAYANA

DAY PERIOD	9-00 To 10-00	10-00 To 11-00	11-10 To 12-10	12-10 To 01-10	01-00 To 02-00	02-00 to 03-00	3-00 To 05-00
MONDAY	M6	M6			LUNCH		EMPB
TUESDAY	M6	M4					
WEDNESDAY	M6	M4					EMPB
THURSDAY	M6	M4					
FRIDAY	M6	M4					EMPB
SATURDAY	M4	M4					

WEEKLY WORK LOAD: 12+06=18 PERIODS

NOTE: M4-SECONDYEAR MPCs (SEM-IV)

NOTE: M6-THIRD YEAR (SEM-VI)

NOTE: EMPB-THIRD YEAR (SEM VI EMPLOYABILITY)

FACULTY WISE WORKLOAD 2023-24

S. No.	NAME OF THE FACULTY	THEORY HOURS/ PRACTICAL/ PG/ EMPLOYBILITYHOURS
1	N. SATHISH KUMAR	36 HOURS PER WEEK
2	MD. RESHMA	12 HOURS PER WEEK

GRAND TOTAL 48 HOURS WORKLOAD PER WEEK

FACULTY WISE WORKLOAD 2022-23

S. No.	NAME OF THE FACULTY	THEORY HOURS/ PRACTICAL/ PG/ EMPLOYBILITYHOURS
1	N. SATHISH KUMAR	28 HOURS PER WEEK
2	Y. SATYANARAYANA	24 HOURS PER WEEK

GRAND TOTAL 52 HOURS WORKLOAD PER WEEK

CRITERIA-II

TEACHING, LEARNING AND EVALUATION

- ❖ The Department have been regularly conducting the following activities
- ❖ PG & Employability coaching
- ❖ Field Trips
- ❖ Student Classroom Seminars
- ❖ Quiz Programmes
- ❖ Group Discussions
- ❖ Student Assignments
- ❖ Extension Lectures

STUDENTEN ROLLMENT & PROFILE

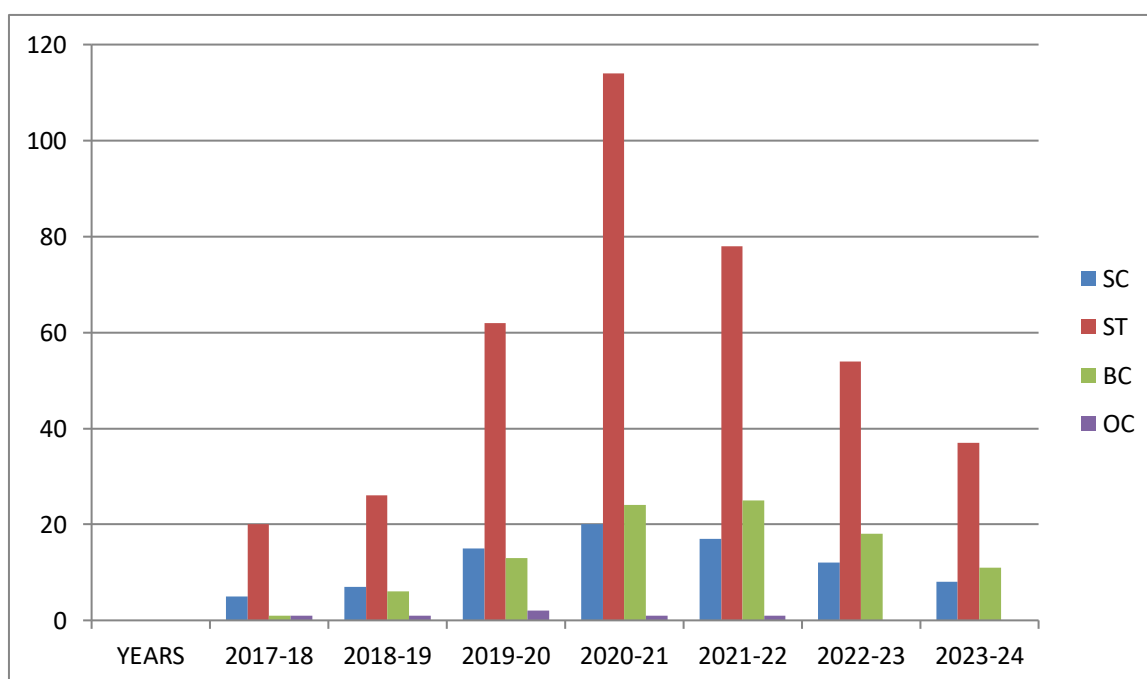
(II) TEACHING AND LEARNING EVALUATION

2.1 STUDENT ENROLLMENT & PROFILE

TABLE SHOWING THE DETAILS OF B.Sc., Students Particulars Community wise

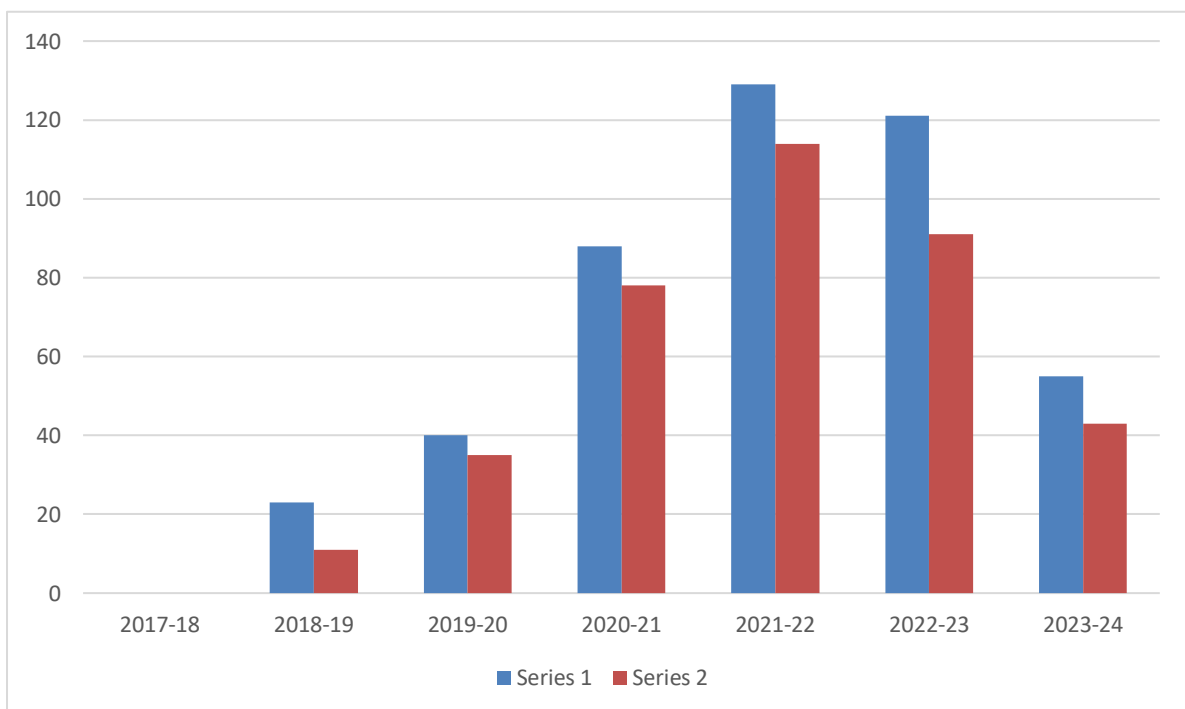
ACADEMIC YEARS	SC	ST	BC	OC	TOTAL	GRAND TOTAL
2017-18	05	20	01	01	27	27
2018-19	07	26	06	01	40	40
2019-20	15	62	13	02	92	92
2020-21	20	114	24	01	159	159
2021-22	17	78	25	01	121	121
2022-23	12	54	18	00	84	84
2023-24	08	37	11	00	56	56

CHART SHOWING BY COMMUNITY AND GENDER WISE



TELANGANA TRIBAL WELFARE DEGREE COLLEGE, MANUGURU ANNUAL RESULT OF MATHEMATICS - LAST FIVE YEARS

YEAR	GROUP	APPEARED	PASSED	PASS PERCENTAGE
2017-18	B.Sc. (MPC)	24	12	50%
2018-19	B.Sc. (MPC & MPCs)	40	35	87.50%
2019-20	B.Sc. (MPC & MPC's)	88	78	88.63%
2020-21	B.Sc. (MPC& MPCs)	129	114	88.37%
2021-22	B.Sc. (MPC & MPC's)	121	91	75.20%
2022-23	B.Sc. (MPC & MPCs)	85	51	60.00%
2023-24	B.Sc. (MPC & MPCs)	55	43	78.18



ANNUAL RESULT OF MATHEMATICS -LAST FIVE YEARS

S.NO.	PARTICULARS	APPEARED	PASSED	PASS PERCENTAG
1	2017-18 I year semester-1	27	13	48.14%
2	2017-18 I year semester-2	24	18	75%
3	2018-19 I year semester-1	18	17	94.44%
4	2018-19 I year semester-2	18	18	100%
5	2018-19 II year semester-3	22	19	86.36%
6	2018-19 II year semester-4	22	21	95.45%
7	2019-20 I year semester-1	51	44	86.27%
8	2019-20 I year semester-2	50	44	88%
9	2019-20 II year semester-3	18	17	94.44%
10	2019-20 II year semester-4	17	17	100%
11	2019-20 III year semester-5(PAPER-v)	21	21	100%
12	2019-20 III year semester-5(PAPER-VA)	21	20	95.23%
13	2019-20 III year semester-6(PAPER-VI)	21	21	100%
14	2019-20 III year semester-6(PAPER-VB)	21	21	100%
15	2020-21 I year semester-1	36	25	69.44%
16	2020-21 I year semester-2	36	36	100%
17	2020-21 II year semester-3	49	45	91.83
18	2020-21 II year semester-3 (SEC-4)	77	77	100%
19	2020-21 II year semester-4	50	50	100%
20	2020-21 III year semester-5(PAPER-V)	17	17	100%
21	2020-21 III year semester-5(PAPER-VA)	17	17	100%
22	2020-21 III year semester-6(PAPER-VI)	17	17	100%
23	2020-21 III year semester-6(PAPER-VIB)	16	16	100%
24	2021-22 I year semester-1	32	23	71.87%
25	2021-22 I year semester-2	32	24	75%
26	2021-22 II year semester-3	31	24	77.41%
27	2021-22 II year semester-3 (SEC-4)	44	44	100%
28	2021-22 II year semester-4	27	19	70.37%
29	2021-22 III year semester-5(PAPER-V)	49	48	97.95%
30	2021-22 III year semester-5(GE)	49	49	100%

31	2021-22 III year semester-6(PAPER-VI)	49	40	81.63%
32	2022-23 I year semester-1	16	05	31.25%
33	2022-23 I year semester-2	16	11	68.75%
34	2022-23 II year semester-3	25	16	64%
35	2022-23 II year semester-3 (SEC-4)	43	43	100%
36	2022-23 II year semester-4	25	14	56%
37	2022-23 III year semester-5(PAPER-V)	26	21	80.76%
38	2022-23 III year semester-5(GE)	26	26	100%
39	2022-23 III year semester-6(PAPER-VI)	26	24	92.30%
40	2023-24 I year semester-1	15	12	80%
41	2023-24 I year semester-2	14	13	92.85%
42	2023-24 II year semester-3	16	10	62.5%
43	2023-24 II year semester-3 (SEC-4)	27	27	100%
44	2023-24 II year semester-4	16	11	68.75%
45	2023-24 III year semester-5(PAPER-V)	25	22	88%
46	2023-24 III year semester-5(GE)	25	25	100%
47	2023-24 III year semester-6(PAPER-VI)	25	24	96%

Number of Teaching Posts Sanctioned

Teaching one fulltime and one part time Post
Sanctioned in the Department

Name of the Faculty	Qualification	Designation	Total Experience
Sri N Sathish Kumar	M.Sc, SET., B.Ed.,	Lecturer	18 Years
Smt Md Reshma	M.Sc., B.Ed.,	Lecturer	03 Year

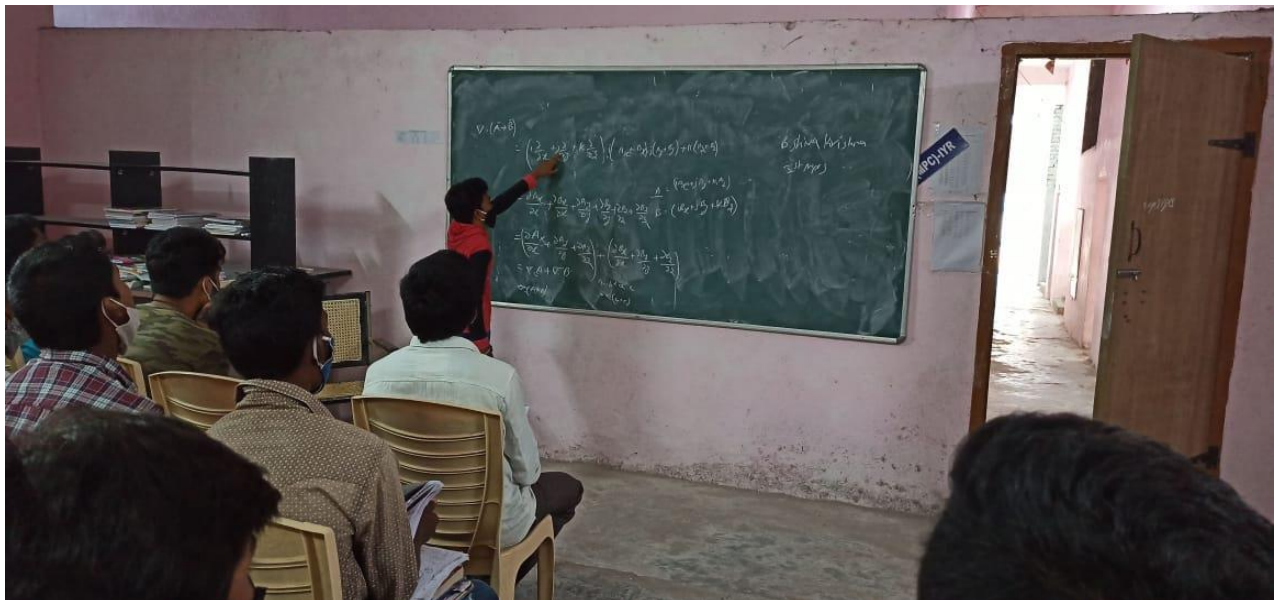
STUDENT SEMINAR

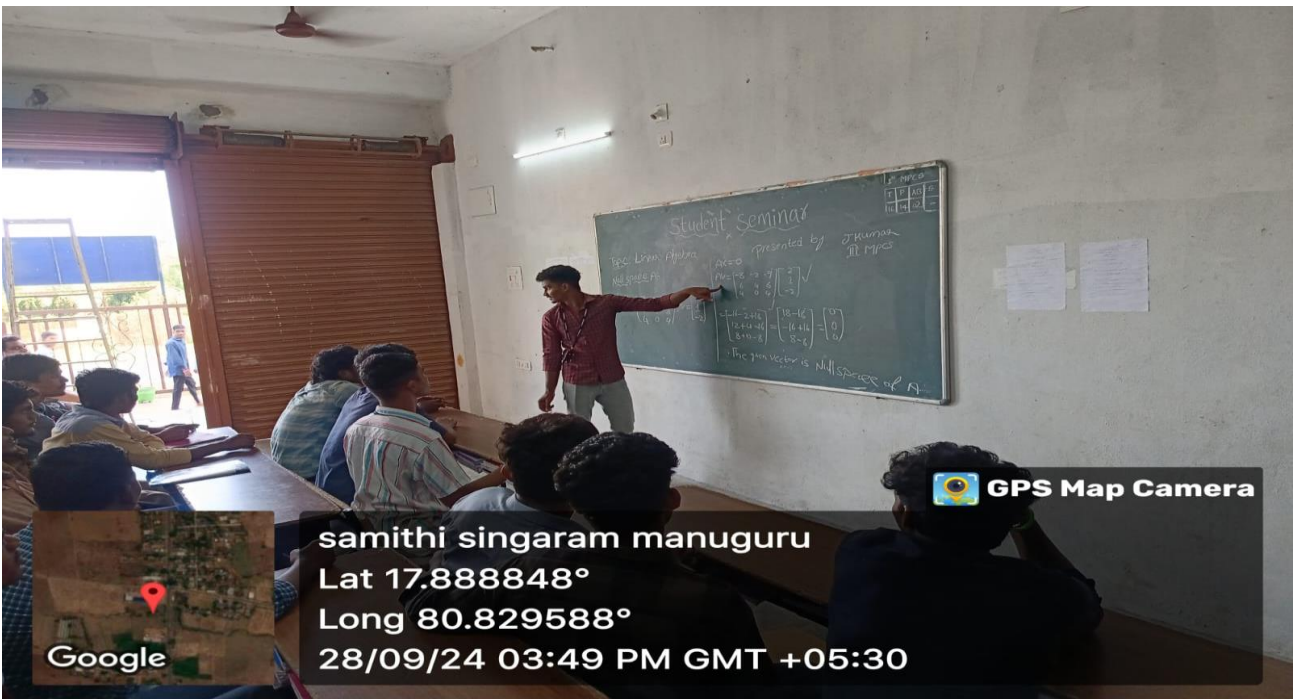
S.NO.	YEAR	NAME OF THE TOPIC	NAME OF THE STUDENT
1	2017-18	DIFFERENTIAL EQUATIONS	B RAHUL GANDHI
2	2017-18	COMPLEX NUMBERS	E SRINU
3	2018-19	DIFFERENTIAL EQUATIONS	B SANDEEP KUMAR
4	2018-19	NUMBER SYSTEM	D NARENDER
5	2018-19	TYPES OF DIFFERENTIAL EQUATIONS	B VENU
6	2018-19	PROPERTIES OF REAL NUMBERS	B KIRAN KUMAR
7	2019-20	DIFFERENTIAL EQUATIONS	A.AKASH
8	2019-20	NUMBER SYSTEM	CH SATISH
9	2019-20	VECTOR SPACES	K NAGABABU
10	2019-20	TYPES OF DIFFERENTIAL EQUATIONS	B KRISHNA PRASAD
11	2019-20	PROPERTIES OF GROUPS	D RAJESH
12	2019-20	VOLUME INTEGRALS	B RAHUL GANDHI
13	2020-21	COMPLEX NUMBERS	B MADHU
14	2020-21	SEQUENCES	B PRAVEEN
15	2020-21	BASIS	D RAMU
16	2020-21	DIFFERENTIAL EQUATIONS	B MADHU
17	2020-21	NORMAL GROUPS	G GOPI
18	2020-21	RINGS	B CHANDRA SHEKAR
19	2021-22	NUMBER SYSTEM	B GANESH
20	2021-22	REAL NUMBERS	E VISHAK
21	2021-22	GROUPS	K SHIVA KAMESH
22	2021-22	DIFFERENTIAL EQUATIONS	J AKASH
23	2021-22	INTEGRALS	CH VENKAT RAO
24	2021-22	IDEALS	I NARSIMHA RAO
25	2022-23	DIFFERENTIATIONS	B JANARDAN
26	2022-23	DIFFERENTIAL EQUATIONS	AA RAHUL TENDULKAR

27	2022-23	SEQUANCES	B SRIKANTH
28	2022-23	DIFFERENTIAL EQUATIONS	B SRIDHAR
29	2022-23	MEAN VALUE THEOREM	B ARJUN
30	2022-23	RINGS	CH VIDYASAGAR
31	2023-24	PROPERTIES OF DIFFERENTIAL EQUATIONS	B VIJAY KUMAR
32	2023-24	REAL NUMBER SYSTEM	B SRIDHAR
33	2023-24	PROPERTIES OF MATRICES	CH NARENDER
34	2023-24	DIFFERENTIAL EQUATIONS	S BHANU
35	2023-24	PROPERTIES OF ALGEBRA	J KUMAR
36	2023-24	DIFFERENTIATION & INTEGRATION	P VINAY
37	2024-25	NUMBER SYSTEM	V SIMHADRI
38	2024-25	PROPERTIES OF LINEAR ALGEBRA	J KUMAR
39	2024-25	DIFFERENTIATION & LINEAR ALGEBRA	V BHANU

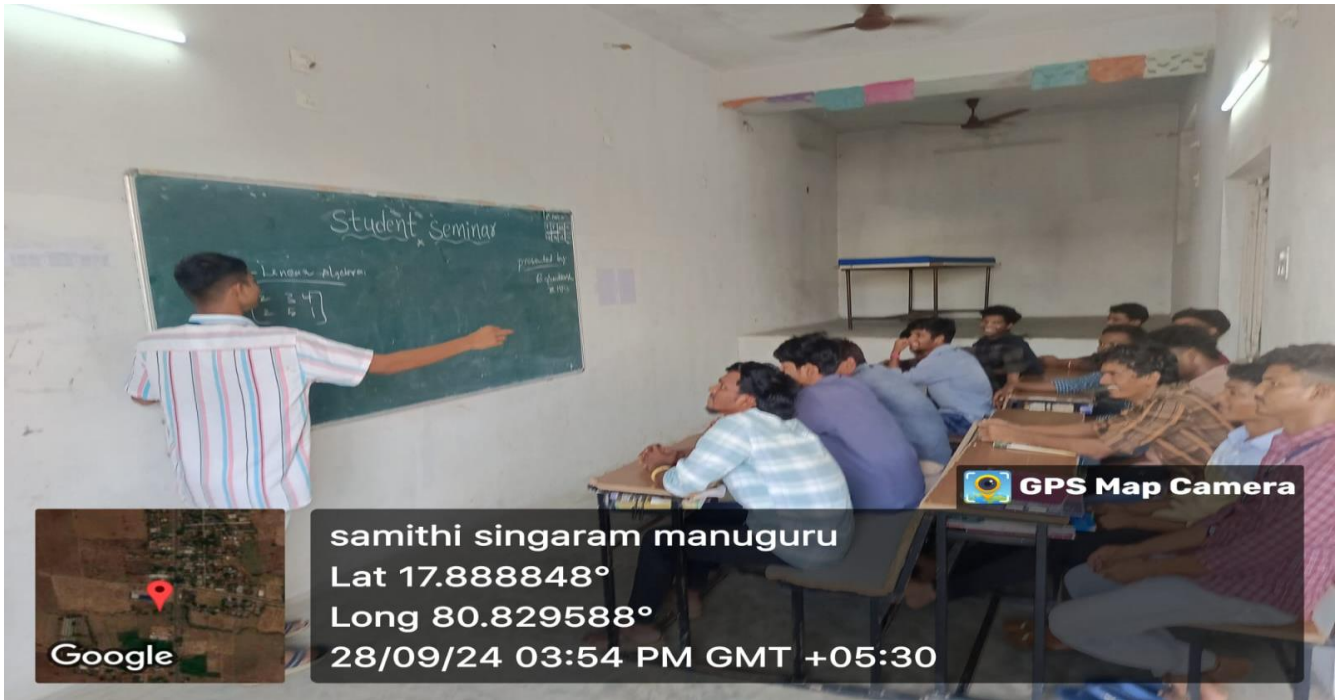
STUDENT SEMINAR-PHOTOGRAPHS









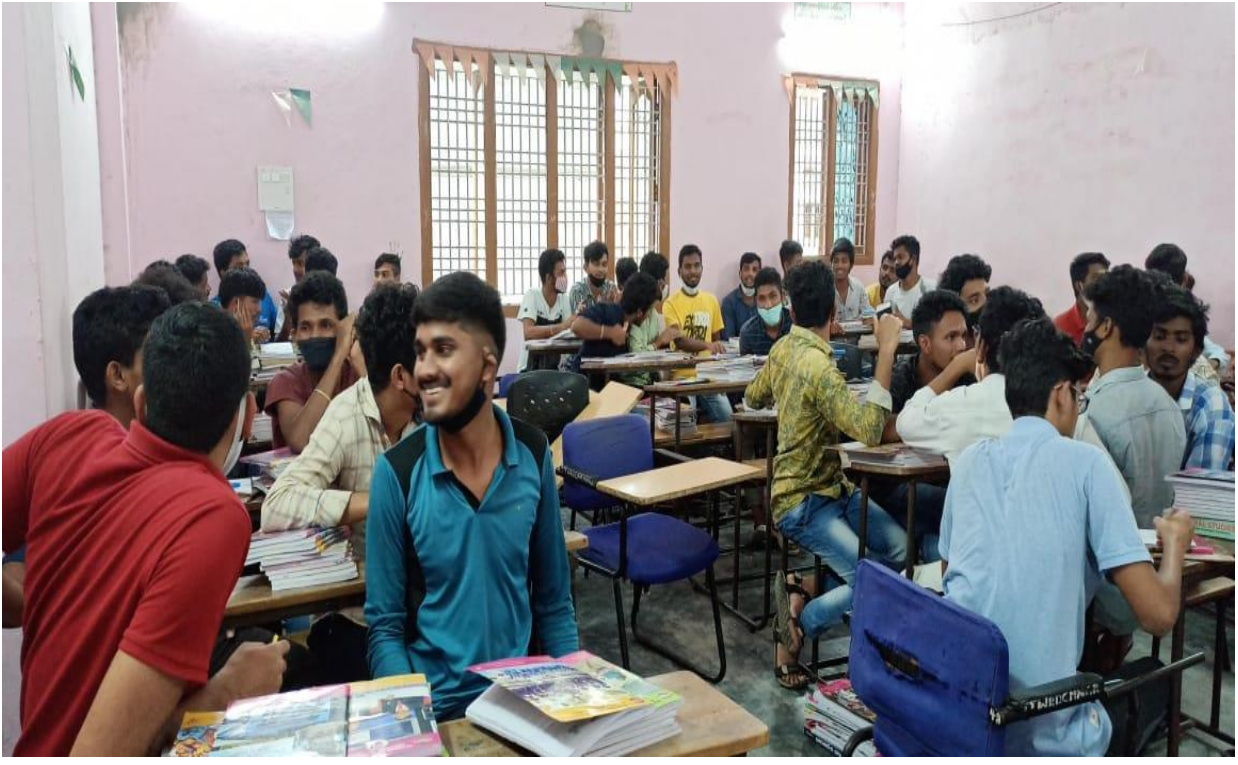


GPS Map Camera
samithi singaram manuguru
Lat 17.888848°
Long 80.829588°
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TTWR DEGREE COLLEGE QUIZ AND GROUP DISCUSSION









POCO X4 PRO 5G | PIC BY AKASH

05/02/2024 09:48





Samathsingaram, Telangana, India
1-1 Mittagudam Bhadradi Kothagudem, Samathsingaram, Telangana 507117, India
Lat 17.888676°
Long 80.829593°
30/10/24 04:17 PM GMT +05:30

GPS Map Camera

Google



Samathsingaram, Telangana, India
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Lat 17.888682°
Long 80.829595°
30/10/24 04:16 PM GMT +05:30

GPS Map Camera

Google

Academic Innovative Activity-Extension Lecture

S.NO.	YEAR	DATE	NAME	DESIGNATION / NAME OF COLLEGE	TOPIC NAME
1	2019-20	06-11-2019	Sri. S Rajashekar sir	Lecturer :Sangamitra degree & PG College, bhupalpally	SPHERES
2	2020-21	12-06-2021	Sri. B Narsimha Reddy sir	Lecturer, Sangamitra Degree & PG College, Bhupalpally	ERRORS IN NUMERICAL CALCULATION
3	2021-22	11-03-2022	Smt. D Saraswathi madam	Lecturer, Chaithanya Degree College, Mangapeta	Rank-Nullity
4	2022-23	15-05-2023	Sri. Srikanth sir	Lecturer, Chaithanya DegreeCollege, Mangapeta	CURVE FITTING
5	2023-24	02-02-2024	Sri. Sandhyarani madam	TSWRDC	CREER PROSPECTS IN MATHEMATICS AFTER DEGREE

EXTENSION LECTURES







Using ICT Tool for Effective Teaching in Class Room 2017-18

S. No.	Date	Class	Title of Lecture	Number of Students Present	ICT tool used	Name of the Teacher	Resource or technique used
1	07-11-2017	Iyear	DIFFERENTIAL EQUATIONS	21	PPT	N STHISH KUMAR	LED TV
2	06-03-2018	IIYEAR	LEGENDERS EQUATION	18	PPT	N STHISH KUMAR	LED TV

Using ICT Tool for Effective Teaching in Class Room 2018-19

S.No	Date	Class and Paper Code	Title of Lecture	Number of Students Present	ICT tool used	Name of the Teacher	Resource or technique used
1	09-11-2018	Iyear	DIFFERENTIAL CALCULUS	13	PPT	N STHISH KUMAR	LED TV
2	19-11-2018	IIYEAR	REAL ANALYSIS	19	PPT	N STHISH KUMAR	LED TV
3	05-03-2019	I YEAR	PARTIAL D.E.	14	PPT	N STHISH KUMAR	LED TV
4	15-03-2019	II YEAR	NORMAL SUBGROUP	19	PPT	N STHISH KUMAR	LED TV

Using ICT Tool for Effective Teaching in Class Room 2019-20

S.No	Date	Class and Paper Code	Title of Lecture	Number of Students Present	ICT tool used	Name of the Teacher
1	15-11-2019	IYEAR	INTEGRALS	35	PPT	N STHISH KUMAR
2	18-11-2019	IIYEAR	SUBGROUPS	13	PPT	N STHISH KUMAR
3	27-11-2019	IIIYEAR	BASIS	22	PPT	N STHISH KUMAR
4	20-02-2020	IYEAR	FIRST ORDER BUT NOT FIRST D.E'S	38	PPT	N STHISH KUMAR
5	13-03-2020	IIYEAR	RINGS	15	PPT	N STHISH KUMAR
6	15-03-2020	IIIYEAR	ERRORS	23	PPT	T PRAVEEN

Using ICT Tool for Effective Teaching in Class Room 2020-21

S.No.	Date	Class and Paper Code	Title of Lecture	Number of Students Present	ICTtool used	Name of the Teacher
1	10-11-2020	I year	THEOREM ON TOTAL D.E.	26	ONLINE	T PRAVEEN
2	19-11-2020	IIYEAR	SUBSEQUENCE	37	ONLINE	N STHISH KUMAR
3	25-11-2020	III YEAR	DIAGONALIZATION	15	ONLINE	N STHISH KUMAR
4	10-03-2021	I YEAR	HIGHER ORDER LDE	31	PPT	N STHISH KUMAR
5	15-03-2021	II YEAR	NORMAL SUBGROUP	36	PPT	T PRAVEEN
6	24-03-2021	III YEAR	CURVE FITTING	14	PPT	T PRAVEEN

Using ICT Tool for Effective Teaching in Class Room 2021-22

S.No.	Date	Class and Paper Code	Title of Lecture	Number of Students Present	ICT tool used	Name of the Teacher
1	12-11-2021	I year	CURVATURE	22	PPT	T PRAVEEN
2	15-11-2021	IIYEAR	RIEMANN INTEGRALS	24	PPT	N STHISH KUMAR
3	26-11-2021	III YEAR	EIGEN VALUES	39	PPT	N STHISH KUMAR
4	07-03-2022	I YEAR	PARTIAL DE	21	PPT	N STHISH KUMAR
5	21-03-2022	II YEAR	RINGS	24	PPT	T PARVEEN
6	29-03-2022	III YEAR	CURVE FITTING	39	PPT	T PRAVEEN

Using ICT Tool for Effective Teaching in Class Room 2022-23

S.No.	Date	Class and Paper Code	Title of Lecture	Number of Students Present	ICT tool used	Name of the Teacher
1	07-11-2022	Iyear	PARTIAL DE	14	PPT	N STHISH KUMAR
2	15-11-2022	IIYEAR	RINGS	22	PPT	Y SATYANARAYANA
3	23-11-2022	III YEAR	EIGEN VALUES	26	PPT	N STHISH KUMAR
4	06-03-2023	I YEAR	DE	14	PPT	N STHISH KUMAR
5	15-03-2023	II YEAR	NORMAL SUBGROUPS	21	PPT	Y SATYANARAYANA
6	17-03-2023	III YEAR	CONICOIDE	26	PPT	Y SATYANARAYANA

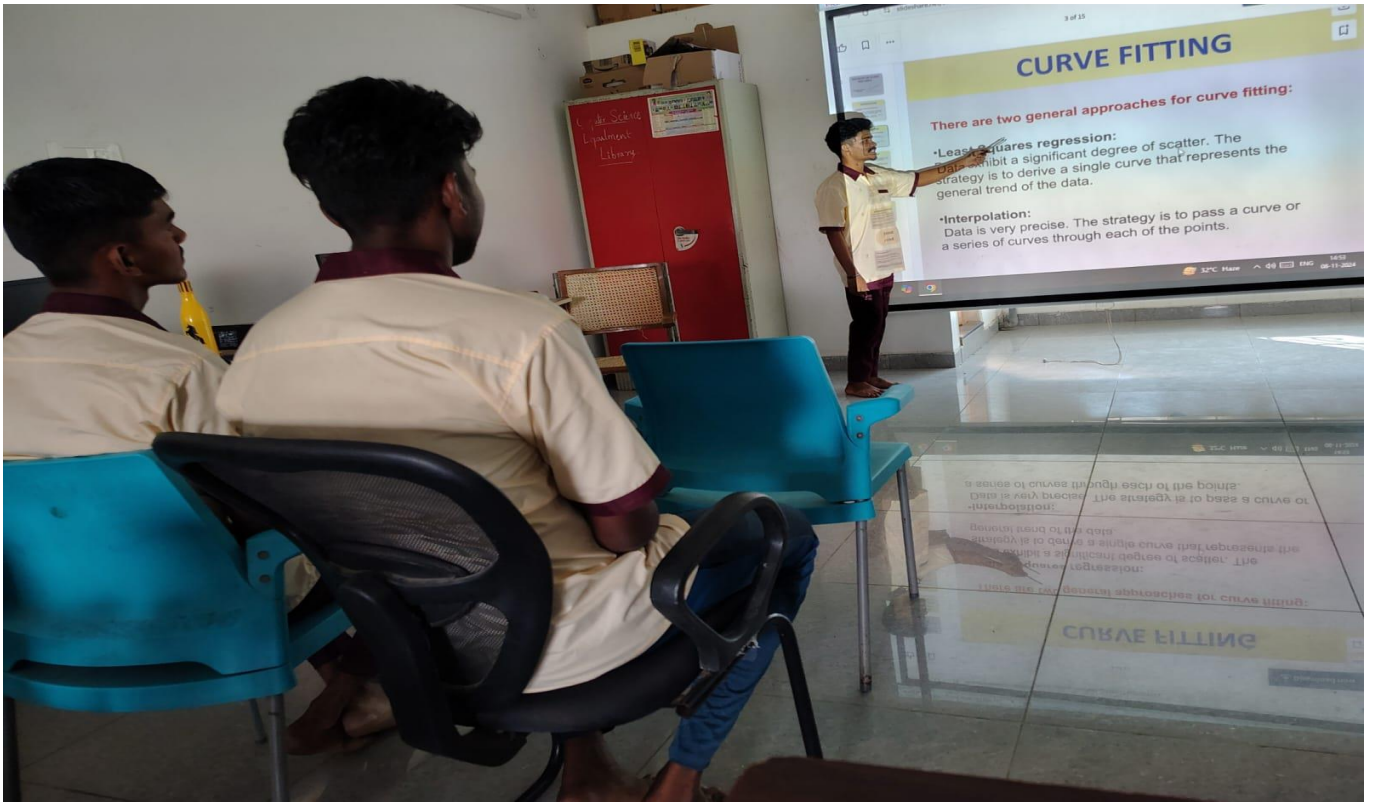
Using ICT Tool for Effective Teaching in Class Room 2023-24

S.No.	Date	Class and Paper Code	Title of Lecture	Number of Students Present	ICT tool used	Name of the Teacher
1	11-11-2023	I Year	Differential Equation	15	PPT	MD Reshma
2	16-11-2023	II Year	Limits and Continuity	16	PPT	MD Reshma
3	22-11-2023	III YEAR	Matrices	25	PPT	N STHISH KUMAR
4	09-03-2024	I YEAR	Homogeneous Functions	15	PPT	N STHISH KUMAR
5	21-03-2024	II YEAR	Groups	16	PPT	MD Reshma
6	23-03-2024	III YEAR	Number System	25	PPT	N STHISH KUMAR









MATHEMATICS DAY CELEBRATIONS



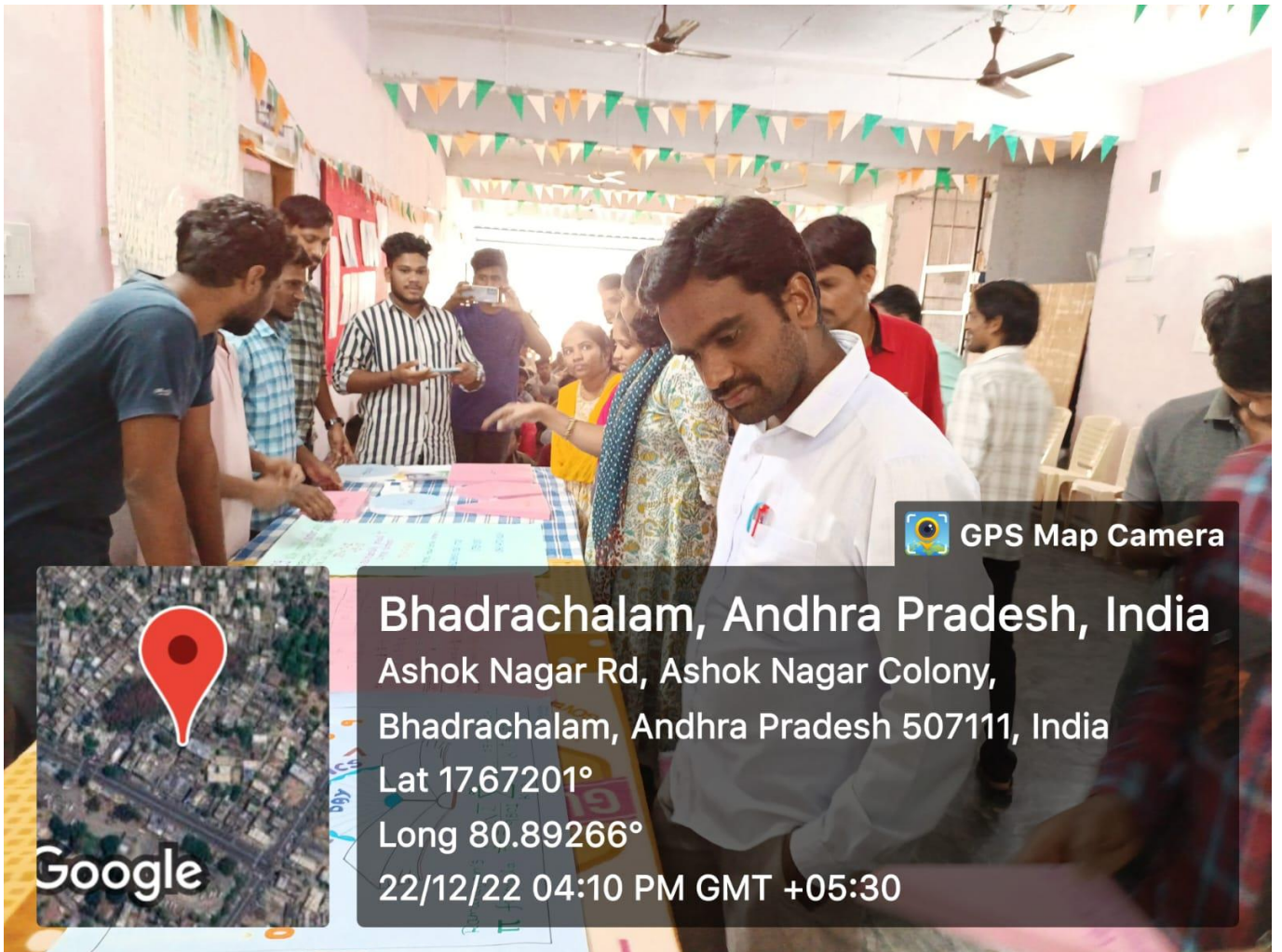


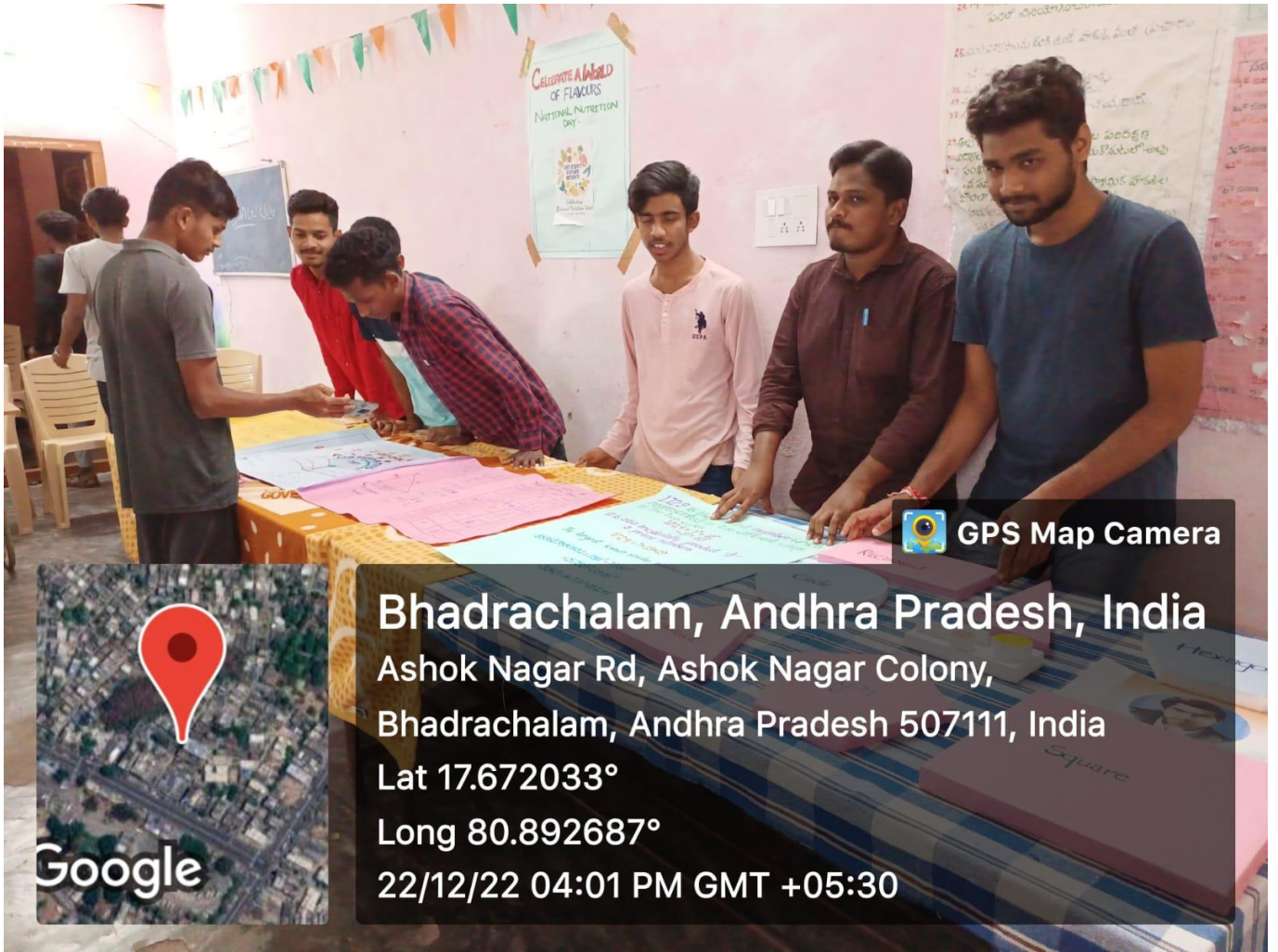




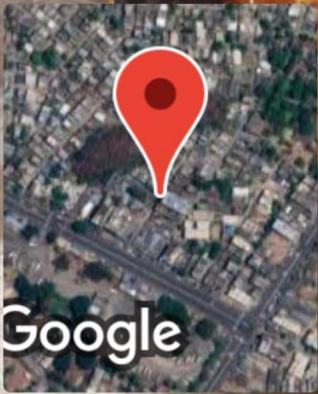
MATHS EXBITS







 GPS Map Camera



Bhadrachalam, Andhra Pradesh, India

Ashok Nagar Rd, Ashok Nagar Colony,

Bhadrachalam, Andhra Pradesh 507111, India

Lat 17.672033°

Long 80.892687°

22/12/22 04:01 PM GMT +05:30

FIELDTRIPS

S.NO	YEAR	NAME OF THE TEACHER INVOLVED/ORGANISER	No. Of Students	Partnering institutions/Industry/ Research Lab with Contact Details	NATURE
1	2018-19	N SATHISH KUMAR	36	PAMULERU	PICNIC
2	2019-19	N SATHISH KUMAR	12	ITC, BHADRACHALAM	FIELD TRIP







CRITERIA-III

RESEARCH AND INNOVATION AND EXTENSION ACTIVITIES

They function in co-ordination with one another to create and transfer knowledge, for monitoring and addressing the issues related to enhancement of research, innovation and entrepreneur skills among the faculty and students, thus fostering overall growth. The Institute has also followed research & development guidelines.

The faculties are empowered to take up research activities by utilizing the existing facilities provided by college like research journals, equipments, technical lab, computer lab, internet and library. Publication of research outcome in UGC recognized peer reviewed journals and above also upholding the ethics in research activities by avoiding plagiarism are our worth mentioning practices

S.NO	YEAR	DATE	FACULTY NAME	TITLE	PLACE
1	2019	31.08.2019	N.SATHISH KUMAR	ONE DAY DEPARTMENTAL CONFERENCE FOR UG TEACHERS	KU, WARANGAL
2	2019	11 TO 12 NOV	N.SATHISH KUMAR	MACHINE LEARNING IN SPEECH PROCESSING	KITS WARANGAL
3	2024	18 TO 23 NOV	N.SATHISH KUMAR	INNOVATIVE APPLICATIONS IN MATHMATICS	BAPATLA ENGINEERING COLLEGE, BAPATLA



Estd : 1980
KITSW

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

(An Autonomous Institute under Kakatiya University, Warangal)

(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)
Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

కాకతీయ ప్రేఘోగికీ ంవ విజ్ఞాన సంస్థాన, వరంగల - 506 015

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - 506 015



Department of Science & Technology
Govt. of India

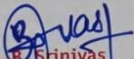
DST Sponsored Two Week
Faculty Development Programme on


"MACHINE LEARNING IN SPEECH PROCESSING"

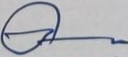
Certificate

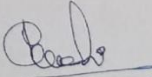
This is to certify that Mr. / Ms. N. SATHISH KUMAR
of DL in Mathematics, TTWRDC(B), Manuguru
has participated in DST Sponsored Two Week Faculty Development Programme on
"MACHINE LEARNING IN SPEECH PROCESSING" Organised by Department of
Computer Science and Engineering, Kakatiya Institute of Technology & Science, Warangal,
Telangana from 11th - 22nd November, 2019.

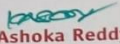
Participant's performance is satisfactory.


Mr. B. Srinivas
Coordinator


Dr. P. Niranjan
Convener


Dr. V. Shankar
Head, Dept. of CSE


Dr. K R Murali Mohan
Scientist-G & Head
ICPS Division, DST, New Delhi


Dr. K. Ashoka Reddy
Principal



Bapatla Engineering College :: Bapatla

(Autonomous)

Department of Mathematics

104th Birth Anniversary Celebrations of Prof. Komaravolu Chandrasekharan and
70th Birth Anniversary Celebrations of Prof. Nagalla Prabhakara Rao

Certificate No : BEC/Maths_FDP_IAM2024_750



Certificate of Participation

This is to certify that **Sathish Kumar Nalimella**
Degree Lecturer, Department of Mathematics
TTWR DEGREE COLLEGE

has participated in a One Week International Faculty Development Program on
"Innovative Applications of Mathematics" organized by the Department of
Mathematics, held from 18-11-2024 to 23-11-2024 through virtual mode.


Dr. K.V.L.N. Acharyulu
Convener, IAM-2024


Dr. SK. NAZEER
Principal



ONE DAY DEPARTMENTAL CONFERENCE FOR UG TEACHERS

Organized by

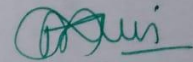
DEPARTMENT OF MATHEMATICS, KAKATIYA UNIVERSITY

WARANGAL-506 009, TELANGANA

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr./Mr./Ms. N. Sathish, TTWRDC, Manuguru.

has attended the “*ONE DAY DEPARTMENTAL CONFERENCE FOR UG TEACHERS*” held in the Department of Mathematics, Kakatiya University, Warangal on 31-08-2019.


Head

CRITERIA-IV
INFRASTRUCTURE AND LEARNING RESOURCES
DEPARTMENTAL LIBRARY

S.NO.	BOOKS	No.
1	Prescribed Books	22
2	Post Graduation Entrance Study Material	10
3	Reference Books	15
4	P.G. STANDARD BOOKS	06

CRITERIA-V

STUDENT SUPPORTIVE AND PROGRESSION

STUDENT PROGRESSION

S.NO	NAME OF STUDENT	Group	PG/ B.Ed.	YEAR	INSTITUTE NAME
1	B RAHUL GANDHI	B.Sc.,	M.Sc. (Mathematics)	2020-21	OSMANIA UNIVERSITY
2	E SRINU	B.Sc.,	B.Ed. M.Sc. (Mathematics)	2020-21	KAKATIYA UNIVERSITY
3	P KARTHIK	B.Sc.,	M.Sc. (Mathematics)	2020-21	KAKATIYA UNIVERSITY
4	G UPENDAR RAO	B.Sc.,	M.Sc. (Mathematics)	2021-22	KAKATIYA UNIVERSITY
5	G NAGABABU	B.Sc.	M.Sc. (Mathematics)	2021-22	IIT Jodhpur
6	I AJAY	B.Sc.	M.Sc. (Mathematics)	2022-23	OU
7	K VENKATAKRISHNA	B.Sc.	M.Sc. (Mathematics)	2022-23	IIT Mandi
8	S SRINU	B.Sc.	M.Sc. (Mathematics)	2022-23	KAKATIYA UNIVERSITY
9	B PRAVEEN	B.Sc.	M.Sc. (Mathematics)	2022-23	KAKATIYA UNIVERSITY
10	CH CHANTI	B.Sc.	M.Sc. (Mathematics)	2022-23	OU
11	B THARUN KUMAR	B.Sc.	M.Sc. (Mathematics)	2023-24	MGU
12	B PREM KUMAR	B.Sc.	M.Sc. (Mathematics)	2023-24	KAKATIYA UNIVERSITY
13	P VENU	B.Sc.	M.Sc. (Mathematics)	2023-24	MGU
14	R SHIVA	B.Sc.	M.Sc. (Mathematics)	2023-24	TELANGANA UNIVERSITY
15	S KIRAN	B.Sc.	M.Sc. (Mathematics)	2023-24	KAKATIYA UNIVERSITY
16	G PRAMOD	B.Sc.	M.Sc. (Mathematics)	2024-25	KAKATIYA UNIVERSITY

INDIAN INSTITUTE OF TECHNOLOGY MANDI

Mandi-175005 (Himachal Pradesh) India



IDENTITY CARD



Roll No : V22048
Name : Kasini Venkata Krishna
Class : M.Sc
Branch : MT-SMSS
DOB : 01.05.2002

Issuing Authority: Dean(Students)

Krishna.

Sign of Card Holder

भारतीय प्रौद्योगिकी संस्थान जोधपुर
Indian Institute of Technology Jodhpur
NH 62, Kurwar, Jodhpur - 342030

गंदरला नागबाबू
Gandarla Nagababu
M.Sc.
Mathematics
Roll Number: M22MA069

Issued on: 29-08-2022 Valid up to: 30-06-2024

Nagababu G.
Holder's Signature

[Signature]
Issuing Authority

कर्नाटक केंद्रीय विश्वविद्यालय
ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯ
CENTRAL UNIVERSITY
OF KARNATAKA
(Established by an Act of the Parliament in 2009)

IDENTITY CARD

Galiga Upendar Rao
Program: **M Sc Mathematics**
School of: **Physical Sciences**
Date of Issue: **16-06-2022**
Valid Upto: **31-05-2023**

21PGMAT09

[Signature]
Librarian

[Signature]
Registrar

CRITERIA-VI GOVERNANCE AND LEADERSHIP MANAGEMENT

DEPARTMENTAL MEATINGS

At the Departmental level, Department faculty members meet at necessary days to discuss academic matters like Distribution of syllabus among the faculty review of coverage of syllabus and result analysis and course out comes, important date to celebrate, etc.,

S.NO.	ACADEMICYEAR	NAME OF THE DEPARTMENT INCHARGE	DESIGNATION
1	2017-18	N SATHISH KUMAR	LECTURER
2	2018-19	N SATHISH KUMAR	LECTURER
3	2019-20	N SATHISH KUMAR	LECTURER
4	2020-21	N SATHISH KUMAR	LECTURER
5	2021-22	N SATHISH KUMAR	LECTURER
6	2022-23	N SATHISH KUMAR	LECTURER
7	2023-24	N SATHISH KUMAR	LECTURER

CO-ORDINATOR / MEMBER OF VARIOUS COMMITTEES

S.NO.	ACADEMIC YEAR	NAME OF FACULTY	CO-ORDINATOR	COMMITTEES MEMBER
1	2017-18	N SATHISH KUMAR	---	(1) DISCIPLINE COMMITTEE (2) ANTI RAGGING COMMITTEE
2	2018-19	N SATHISH KUMAR	----	(1)DISCIPLINE COMMITTEE (2) ANTI RAGGING COMMITTEE
3	2019-20	N SATHISH KUMAR	----	(1)DISCIPLINE COMMITTEE (2) ANTI RAGGING COMMITTEE
4	2020-21	N SATHISH KUMAR	---	(1)DISCIPLINE COMMITTEE (2) ANTI RAGGING COMMITTEE (3) FOOD COMMITTEE
5	2021-22	N SATHISH KUMAR	----	(1)DISCIPLINE COMMITTEE (2) ANTI RAGGING COMMITTEE (3) FOOD COMMITTEE
6	2022-23	N SATHISH KUMAR	----	(1)DISCIPLINE COMMITTEE (2) ANTI RAGGING COMMITTEE (3) FOOD COMMITTEE
7	2023-24	N SATHISH KUMAR	----	(1) DISCIPLINE COMMITTEE (2) TIME TABLE COMMITTEE (3) ANTI RAGGING COMMITTEE

STUDENT SUPPORT AND PROGRESSION

Record of Student Representative /Monitoring Class

S.No	Year	Class and Section	Name of CLASS Rep.	Duration	Remark Ref. No.,
1	2017-18	B.Sc.(M)I Year	B RAHUL GANDHI	THREE YEARS	
2	2018-19	B.Sc.,(M) I Year	G NAGABABU	THREE YEARS	
3	2019-20	B.Sc.,(M) I Year	S SRINU & CH CHANTI	THREE YEARS	
4	2020-21	B.Sc.,(M) I Year	M NARENDRA	THREE YEARS	
5	2021-22	B.Sc.,(M) I Year	P RAJESH & CH NARENDER	THREE YEARS	
6	2022-23	B.Sc.,(M) I Year	K VASU	TWO YEARS	
7	2023-24	B.Sc.(MPC) III YEAR	CH NARENDER	ONE YEAR	

CRITERIA-VII

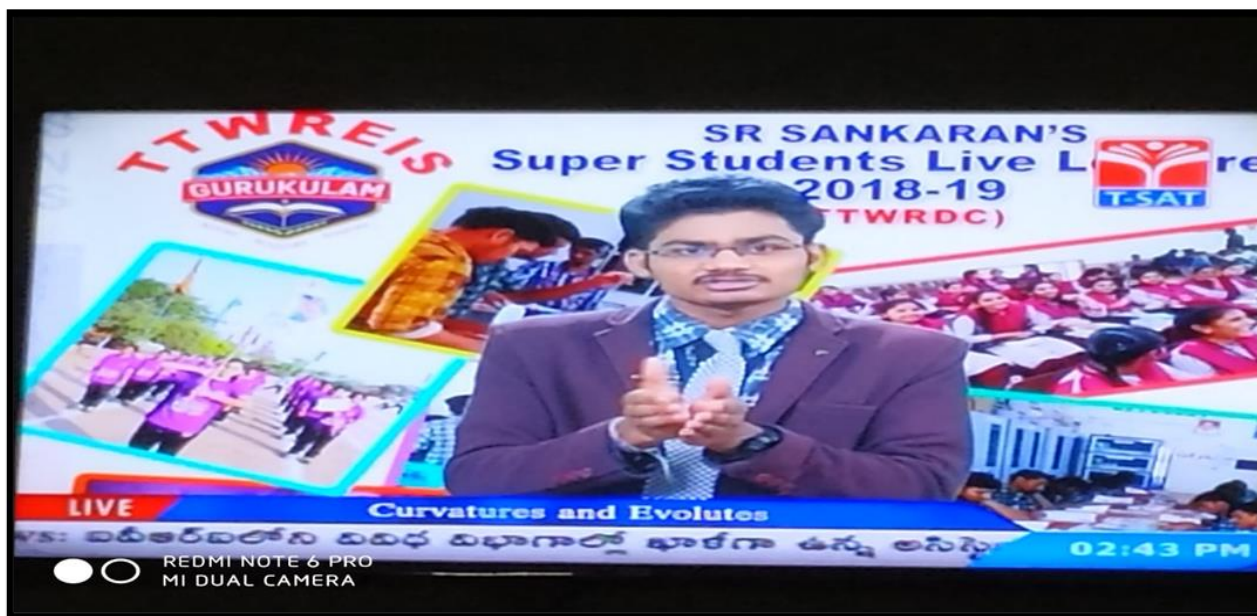
INSTITUTIONAL VALUES AND BEST PRACTICES

- To impart the vital skills and foundational knowledge of Mathematics.
- To deepen the skills gained through the course work.
- To critically understand the society and develop consciousness in order to motivate them to serve the mankind.
- It is an innovative initiation taken by the department Of Mathematics to promote a value-based education to the government school students in and around the college.
- The college motivates staff & students to actively participate in community service for the neighborhood school students.

Our student went to NEPAL for the program of ISEC (Institution for Social & Economic change)



Our student B. Rahul Gandhi was given Live Lectur in Mathematics @ T-SAT



VLC (AT THE TIME OF COVID PANDEMIC)







(2)



NALIMELA SATHISHKUMAR (Yo...

amgoth akash





Meeting in 'Mpc2'

01:46



k venkata Krishna



QUEST PROGRAMME



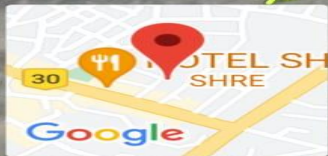
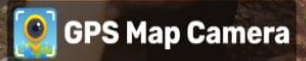


HARITHAHARAM PROGRAMME





Samathsingaram, Telangana, India
 VRQH+HX3, Manuguru - Bhadrachalam Rd, Samathsingaram, Telangana 507117, India
 Lat 17.876788°
 Long 80.825829°
 11/07/23 04:15 PM GMT +05:30



Bhadrachalam, Telangana, India
 13-3-30, Ashok Nagar Rd, Ashok Nagar Colony,
 Bhadrachalam, Telangana 507111, India
 Lat 17.67196°
 Long 80.892731°
 07/09/22 04:55 PM







FUTUREPLANS:

- To strengthen the department it is proposed to apply for sanction of well established Departmental Library and supervisory ship.
- To develop interdisciplinary add on courses.
- To intensify extracurricular activity in the department.
- Participation in Institutional Social Responsibility and Extension activities.
- For quick and accurate internal evaluation of the student performance.

