GOVERNMENT DEGREE COLLEGE

URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)

Affiliated to S K. University, Ananthapuramu

DEPARTMENT OF MATHEMATICS

NATIONAL MATHEMATICS DAY

ON

22-12-2022

SRI SRINIVASA RAMANUJAN BIRTH ANNIVERSARY

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DEARTMENT MINUTES

A meeting was conducted among the members of the mathematics department on 17-12-2022 at 2.30 p.m.

The following matters were discussed and resolved.

1. To conduct national mathematics day on 22/12/2022.
2. To invite the guest for the mathematics day.
3. To conduct quiz, essay writing, and elocution competition on the eve of national mathematics day.
4. To distribute II, IV and VI semesters syllabus to the staff members.

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Staff Member's:

1. **B. Siva Prasad**
2. **M. Ramesh**

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PERMISSION LETTER

Uravakonda,

19 /12/2022.

To,

The principal,

Government Degree College,

Uravakonda.

Respected sir,

Sub: Department of Mathematics – Celebration of National Mathematics Day –

Permission – Request – Regd.

The Department of Mathematics wishes to celebrate National Mathematics Day on 22/12/2022 commemorating the birth anniversary of Sri Srinivasa Ramanujan, a legendary mathematician of our country. In this regard, permission maybe accorded.

Thanking you sir,

Yours faithfully,

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
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CIRCULAR

All the students of I, II, and III B.Sc., MPC, MPCs, MSCs are informed that National Mathematics day will be celebrated on 22nd December on the eve of Sri Srinivasa Ramanujan birthday. The department of mathematics is conducting quiz, essay writting, and elocution competitions. Those who are interested to participate, they can enroll their names with B. Siva Prasad, Lecturer in mathematics and the prizes will be distributed on 22nd December.

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
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ANANTAPURAMU (DIST)

Principal
PRINCIPAL
GOVT.DEGREE COLLEGE
URVAKONDA

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BRIEF HISTORY OF SRINIVASA RAMANUJAN

Srinivasa Ramanujan, (born December 22, 1887, Erode, India died April 26, 1920, Kumbakonam), Indian mathematician whose contributions to the theory of numbers include pioneering discoveries of the properties of the partitionfunction.

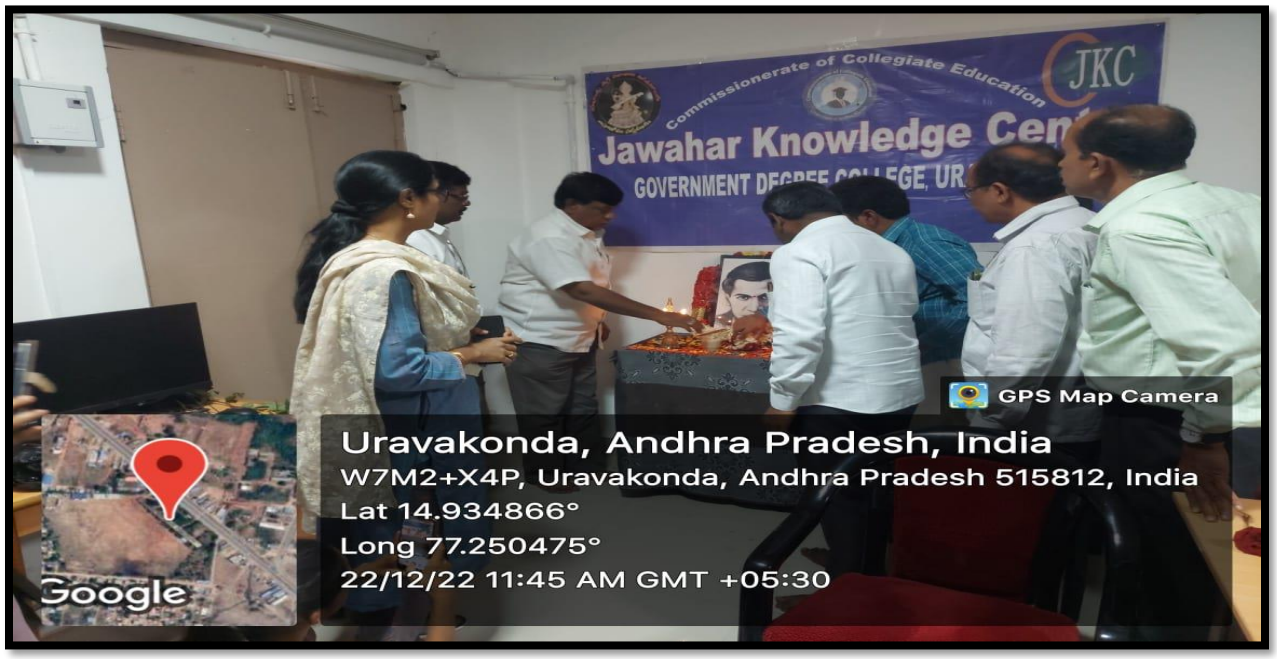
When he was 15 years old, he obtained a copy of George Shoobridge Carr's Synopsis of Elementary Results in Pure and Applied Mathematics, 2 vol. (1880–86). This collection of thousands of theorem many presented with only the briefest of proofs and with no material newer than 1860, aroused his genius. Having verified the results in Carr's book, Ramanujan went beyond it, developing his own theorems and ideas. In 1903 he secured a scholarship to the University of Madras but lost it the following year because he neglected all other studies in pursuit of Mathematics.

Ramanujan continued his work, without employment and living in the poorest circumstances. After marrying in 1909 he began a search for permanent employment that culminated in an interview with a government official, Ramachandra Rao. Impressed by Ramanujan's mathematical prowess, Rao supported his research for a time, but Ramanujan, unwilling to exist on charity, obtained a clerical post with the Madras Port Trust.

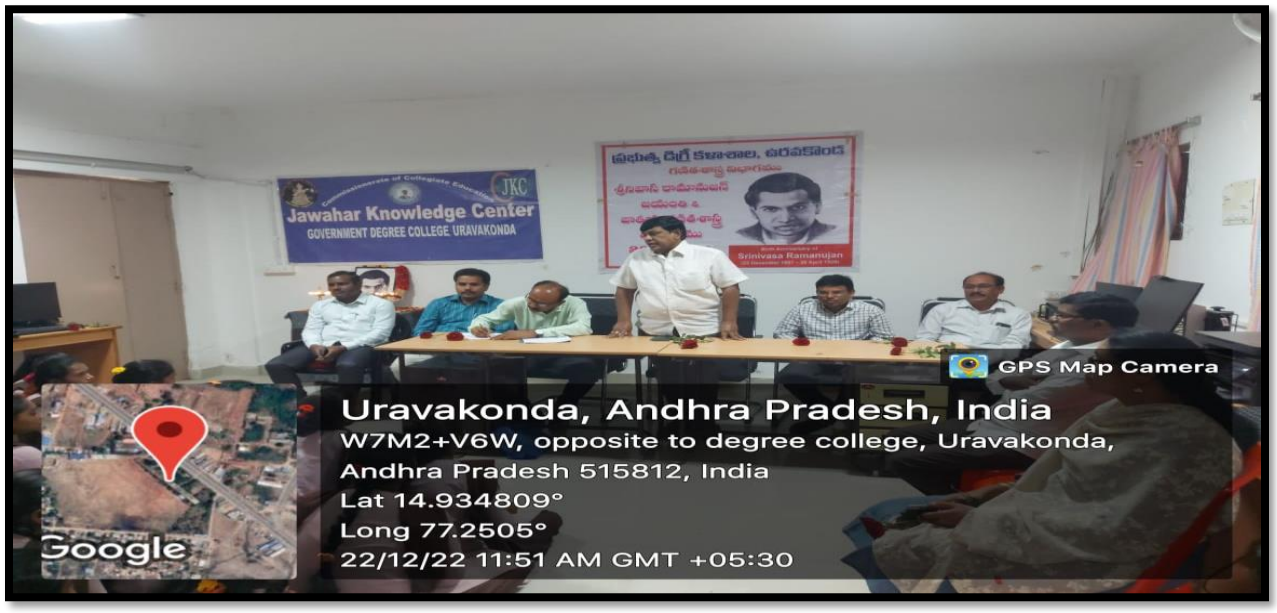
In 1911 Ramanujan published the first of his papers in the *Journal of the Indian Mathematical Society*. His genius slowly gained recognition, and in 1913 he began a correspondence with the British mathematician G.H. Hardy that led to a special scholarship from the University of Madras and a grant from TrinidyCollege, Cambridge. Overcoming his religious objections, Ramanujan traveled to England in 1914, where Hardy tutored him and collaborated with him in some research.

Ramanujan's knowledge of mathematics (most of which he had worked out for himself) was startling. Although he was almost completely unaware of modern developments in mathematics, his mastery of continued fraction was unequaled by any living mathematician. He worked out the Riemann series, the elliptic integral hyper geometric series, the functional equations of the zeta function, and his own theory of divergent series, in which he found a value for the sum of such series using a technique he invented that came to be called Ramanujan summation. On the other

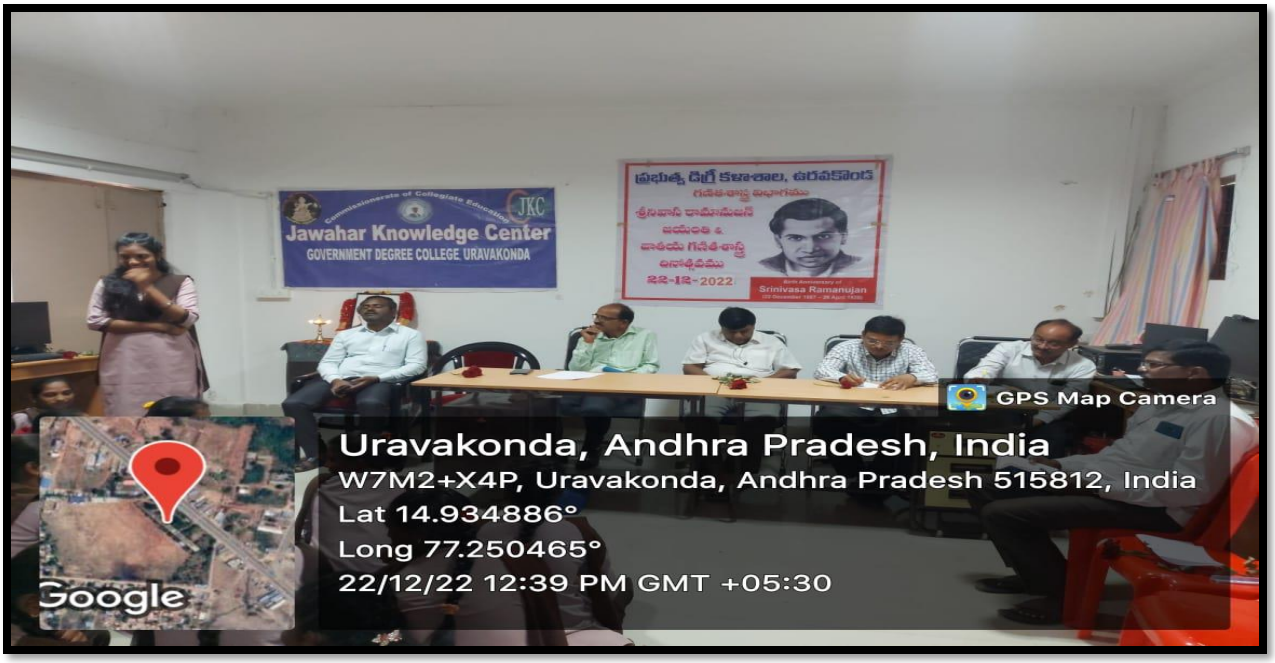
hand, he knew nothing of doubly periodic functions, the classical theory of quadratic forms, or Cauchy's theorem, and he had only the most nebulous idea of what constitutes a mathematical proof. Though brilliant, many of his theorems on the theory of prime numbers were wrong



LIGHTING OF THE LAMP



PRINCIPAL SPEAKING ON THE OCCASION



STUDENT SPEAKING ABOUT RAMANUJAN CONTRIBUTION TO MATHEMATICS

PRIZE DISTRIBUTION

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A BRIEF REPORTOF NATIONAL MATHEMATICS DAY

With active participation of students, the Department of Mathematics conducted National Mathematics Day on 22/12/2022 commemorating the birth anniversary of a great mathematician Sri Srinivasa Ramanujan. The principal Dr. G. Ramakrishna sir, speaking on the occasion, explained the significant contribution of Ramanujan for the mathematical theorems and paved for mathematical applications in research. Dr. K.M. Rajesh In charge of the department if mathematics briefly revealed the biography of Ramanujan. Later prizes were distributed to the winners of the competitions.

FEED BACK BY STUDENTS

I am really happy to become part of national mathematics day and learned more about Ramanujan

B. Rudraiah III MSCs

Ramanujans life is a source of inspiration to everyone and glad that he brought name and flame to our country.

P. Lakshmi III MPC

I feel proud to say that Sri Srinivasa Ramanujan is an Indian and responsible for the evolution of many new theorems in mathematics.

T. Dadajigunu III MPCS

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ఘనంగా జాతీయ గణిత దినోత్సవం

గణితశాస్త్ర మేధావి శ్రీనివాస రామానుజం చిత్రపటానికి నివాళులర్పిస్తున్న దృశ్యం

ఉరవకొండ, డిసెంబర్ 22 ప్రభాతవార్త

స్థానిక ప్రభుత్వ డిగ్రీ కళాశాలలో గణిత శాస్త్ర మేధావి శ్రీనివాస రామానుజం జయంతిని పురస్కరించుకొని ప్రిన్సిపాల్ డా॥జి.రామకృష్ణ అధ్యక్షతన శుక్రవారం జాతీయ గణిత దినోత్సవం ఘనంగా జరిగింది. తొలుత శ్రీనివాసరామానుజం చిత్రపటానికి పూలమాలవేసి ఘనంగా నివాళులర్పించిన అనంతరం ఏర్పాటు చేసిన కార్యక్రమంలో ప్రిన్సిపాల్ డా॥జి.రామకృష్ణ మాట్లాడుతూ శ్రీనివాసరామానుజం జీవితం ఎంతో మందికి ఆదర్శమని పేదరికం విజయానికి అడ్డుకాదని నిరూపించిన గొప్ప వ్యక్తని కొనియాడారు. ఐక్యూఏసీ కో ఆర్డినేటర్ డా॥కె.యం.రాజేష్ మాట్లాడుతూ రామానుజం రూపొందించిన సిద్ధాంతాలు గణితశాస్త్రంలో విప్లవాత్మక మార్పులు తెచ్చాయన్నారు. వివిధ పోటీల్లో గెలుపొందిన విద్యార్థినీ విద్యార్థులకు ప్రోత్సాహక బహుమతులు అందించారు. ఈ కార్యక్రమంలో అధ్యాపకులు డా॥కె.హనుమంతరెడ్డి, బి.శివప్రసాద్, యం.రమేష్, డా॥కె.చంద్రశేఖర్‌రెడ్డి, డా॥బి.వెంకటరమణ, ఎస్.భవాని, ఎన్.ఎ.అల్తాఫ్, సుజాత తదితరులు పాల్గొన్నారు.

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STUDENT LIST

S.No	HALL TICKET No	NAME OF THE STUDENT	GROUP	SIGNATURE
1.	2042014052003	C. NARENDRA BABU	III MPC	C. Narendrababu
2.	2042014025004	C. VENU PRADEEP	III MPC	C. Venu Pradeep.
3.	2042014025005	D. SARITHA	III MPC	D. Saritha
4.	2042014025006	E. SIDDAPPA	III MPC	E. Siddappa
5.	2042014052007	G. KUMAR	III MPC	G. Kumar
6.	2042014052008	J. HEMALATHA	III MPC	J. Hemalatha
7.	2042014025010	K. KAVYA	III MPC	K. Kavya
8.	2042014025011	K. SUNITHA	III MPC	K. Sunitha
9.	2042014025014	P. RAMA DEVI	III MPC	P. Ramadevi
10.	2042014025015	P. LAKSHMI	III MPC	P. Lakshmi
11.	2042014025016	T.B. GANGADHARA	III MPC	T.B. Gangadhara
12.	2042014050001	A. AFREEN TAJ	III MPCs	A. Afreen taj
13.	2042014050002	A. TEJASWANI	III MPCs	A. Tejaswini
14.	2042014050003	B. ASHWAN JABIN	III MPCs	B. Ashwan Jabin
15.	2042014050005	D. AFROZE	III MPCs	D. Afroze
16.	2042014050006	G. ENAYATHULLA	III MPCs	G. Enayathulla
17.	2042014050007	G. GOUSE	III MPCs	G. Gouse
18.	2042014050008	H.K. RAVI SHANKAR	III MPCs	H.K.
19.	2042014050009	J. MAHESH	III MPCs	J. Mahesh
20.	2042014050012	K. HARIHARA RAO	III MPCs	K. Hari Hara Rao
21.	2042014050013	K. ANITHA	III MPCs	K. Anitha
22.	2042014050014	K. GOWSIYA	III MPCs	K. Gowsiya
23.	2042014050027	S. SHAMSID KHADRI	III MPCs	S. Shamsh khadri
24.	2042014050029	T. DADA GJIGUNU	III MPCs	T. Dada Jigunu
25.	2042014050030	T. JAYA SREE	III MPCs	T. Jaya sree
26.	2042014050031	Y. HAMEED BASHA	III MPCs	Y. Hameed Basha
27.	2042014054001	A. MALLIKA	III MSCs	A. Mallika
28.	2042014054003	B. LAKSHMI PRASAD	III MSCs	B. Lakshmi Prasad

29.	2042014054004	B. JYOTHI	III MSCS	B. Jyothi
30.	2042014054006	B. ARAVINDA	III MSCs	B. Aravinda
31.	2042014054007	B. LALUSWAMY	III MSCs	B. LaluSwamy
32.	2042014054009	B. RUDRAIAH	III MSCS	B. Rudraiah.
33.	2042014054010	B. SUDHARSHAN	III MSCs	B. Sudarshan
34.	2042014054011	B. SUPRAJA	III MSCs	B. Supraja
35.	2042014054012	B. SANTHOSH	III MSCS	B. Santosh
36.	2042014054013	B.M. BHARATHI	III MSCs	B.M. Bharathi
37.	2042014054014	D. PAVAN KUMAR	III MSCs	D. Pavan Kumar.
38.	2042014054015	D. PRAKASH	III MSCS	D. Prakash.
39.	2042014054021	K. AFROJA	III MSCs	K. Afroja
40.	2042014054022	K. CHANDU PRAKASH	III MSCs	K. Chandu Prakash
41.	2042014054026	K. RAVIKUMAR	III MSCS	K. Ravi kumar
42.	2042014054027	K. SAI KIRAN	III MSCs	K Sai Kiran.
43.	2042014054028	K. SUNIL KUMAR	III MSCs	K. Sunil Kumar
44.	2042014054029	L.M. RIHAN	III MSCS	L.M RIHAN.
45.	2042014054035	P. KHASEEM	III MSCs	P. KHASEEM
46.	2042014054038	R. SIVA KRISHNA	III MSCs	R. Siva krishna
47.	2042014054040	V. SINDHU	III MSCS	

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Educational tour Organized By

DEPARTMENT OF MATHEMATICS

(08/07/2022)

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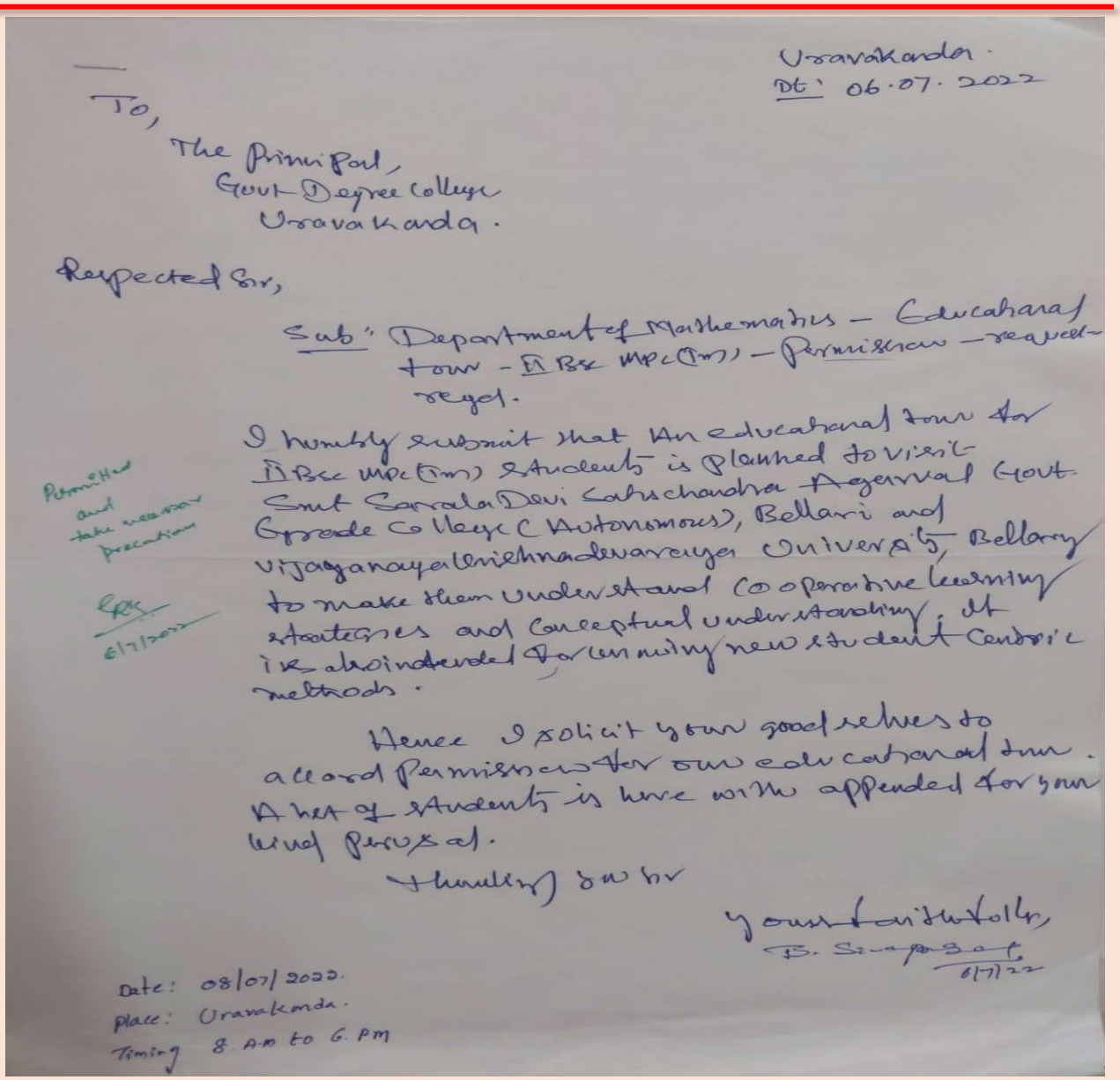


Uravakonda.
Dt: 06.07.2022

To,
The Principal,
Govt Degree College
Uravakonda.

Respected Sir,

Sub: Department of Mathematics – Educational tour – II Bsc MPC(Tm) – Permission – reg.

I humbly submit that An educational tour for II Bsc MPC(Tm) students is planned to visit Smt Sarala Devi Lakshmandas Agarwal Govt. Degree College (Autonomous), Bellari and Vijayanagara Srikrishnadevaraya University, Bellary to make them understand Co operative learning strategies and Conceptual understanding. It is also intended for learning new student Centric methods.

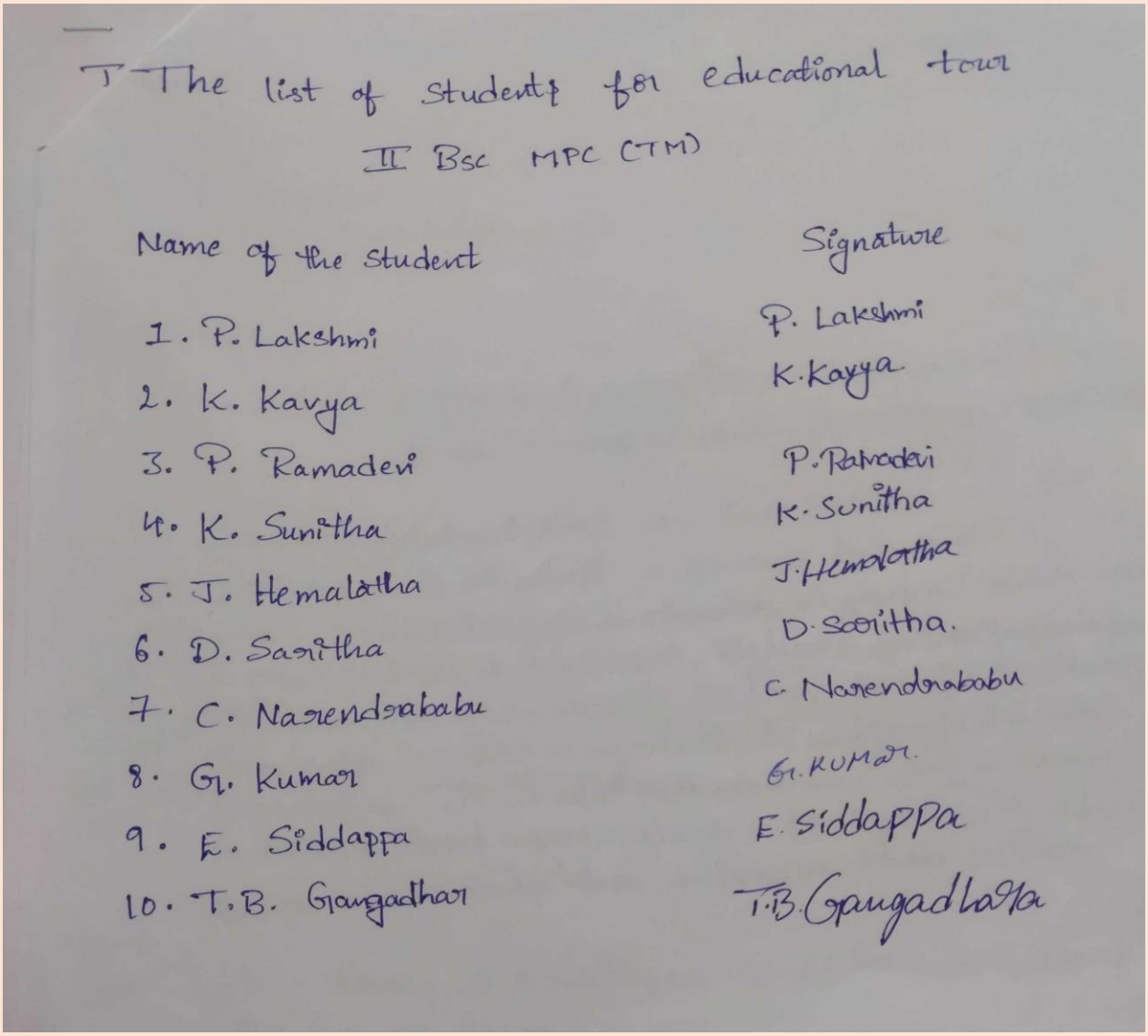
Hence I solicit your good selves to accord Permission for our educational tour. A list of students is here with appended for your kind perusal.

Thanking you sir

Yours faithfully,
D. Sivaprasad
6/7/22

Principal Head and take necessary precautions
6/7/2022

Date: 08/07/2022.
Place: Uravakonda.
Timing 8 AM to 6 PM



The list of Students for educational tour

II Bsc MPC (TM)

Name of the Student	Signature
1. P. Lakshmi	P. Lakshmi
2. K. Kavya	K. Kavya
3. P. Ramadevi	P. Ramadevi
4. K. Sunitha	K. Sunitha
5. J. Hemalatha	J. Hemalatha
6. D. Saritha	D. Saritha.
7. C. Narendrababu	C. Narendrababu
8. G. Kumar	G. KUMAR.
9. E. Siddappa	E. Siddappa
10. T.B. Gangadhar	T.B. Gangadhara

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A REPORT ON EDUCATIONAL TOUR

The department of Mathematics, Government Degree College Uravakonda always strives hard to provide quality and need based education to its stakeholders. To achieve its objective, the students are involved in co-curricular and extra-curricular activities so as to encourage them to face the Global challenges confidently. In order to provide practical experience of new strategies of learning, gain knowledge on research and expose the students of rural background to Outer world, the department of Mathematics Planned One Day educational tour to S.S.A. Government first grade college (Autonomous) Bellary and Vijayanagara Sri Krishnadevaraya University, Bellary.

As part of its planning B. Siva Prasad Faculty of the department of Mathematics and the students of II BSc MPC (T.M.) visited Bellary on 08-07-2022. Before proceeding towards college, the faculty and students visited popular devotional Durgamma temple. After having Darshan of goddess Durgamma, we went to S.S.A. Government first Grade College. There the principal, staff and students warmly welcomed us.

AT DURGAMMA TEMPLE

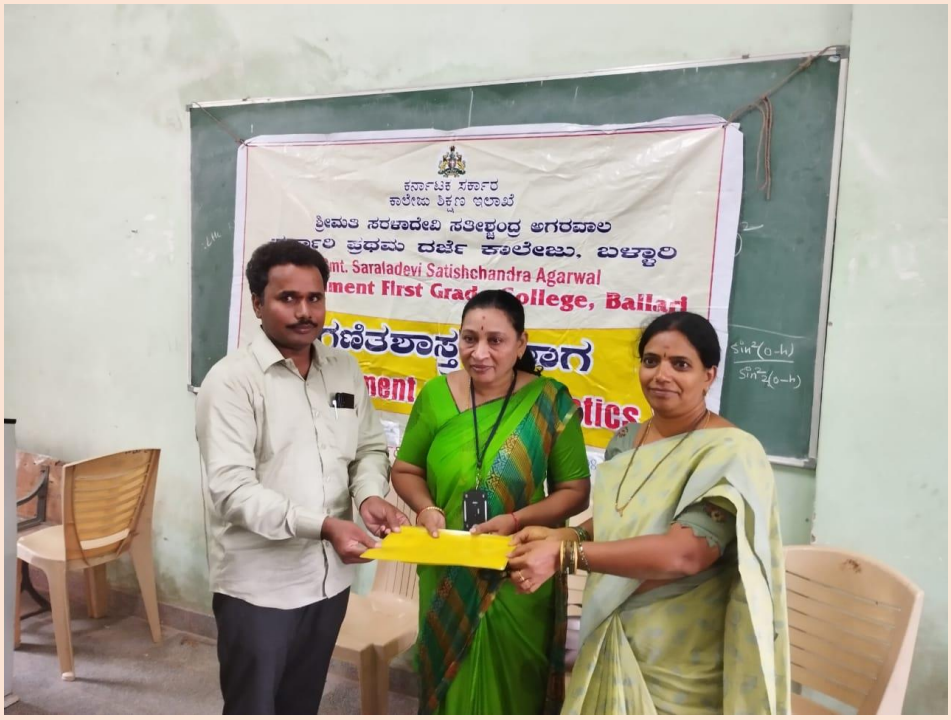
Inaugural function of MOU:

Inaugural function of MOU was held in the auditorium. In her initial remarks, the principal Dr. R M Sridevi briefly explained the history and the present status of the college. According to madam, SSA Govt. first grade College (autonomous) ranks No. 1 in the state of Karnataka and 14th rank in all India level in terms of its strength and Excellency in education. Having attained "A" grade in NAAC accreditation, the college enjoys autonomous status. The principal madam also revealed the endeavours of the staff to convert College into cluster University since the college strength is around 5600. In our observation we also found relentless efforts of the staff and students in getting good grade in NAAC reaccreditation cycle III.

INAGURATION OF FUNCTION

WATERING THE PLANT, A UNIQUE TRADITION OF INAGURATION

Emphasizing the need of MOU's between the higher education institutes, the principal madam expressed immense happiness to have MOU between the department of Mathematics Government Degree College, Uravakonda and the department of Mathematics, S.S.A. Government first Grade College, Bellary. As per MOU the students of both colleges update their knowledge of Mathematics in various aspects and develop knowledge about various applications of Mathematics in different fields and research. It is also intended for providing need based knowledge in the areas of practical aspects of Mathematics in daily life and organizing guest lectures.



EXCHAGE OF MOU

Students Interaction:

The students of both colleges interacted with one another on teaching, learning and evaluation methods followed in their respective colleges. Student's centric method is being adopted in both the colleges and internal evaluation is based on students' performance in internal exams, seminars and project works. They felt the need of developing communication skills analytical skills and soft skills to face highly competitive global market without any difficulty.

STUDENTS INTERACTION

Students Seminars:

Our Students P. Lakshmi and K. Kavya gave seminars on Legrange's Mean value Theorem and Continuity respectively. Without any fear our students exhibited their talent. This is an innovative practice that our students gave seminars in other college. They received lot appreciation from the faculty of department of Mathematics and good responds from the students of S.S.A. College.

SEMINAR BY P. LAKSHMI

SEMINAR BY K. KAVYA

Hospitality:

We never forget the hospitality of principal madam, faculty of department of English and students. They provided snacks and Tea during interaction session. Delicious Lunch was also provided and we are short of words to describe their affection and reception. We expressed deep sense of gratitude and left for University visit.

A visit to Vijayanagara Sri Krishnadevaraya University Bellary:

Mathematics Lab:

We visited mathematics lab at university. PG Students explained how problems can be solved easily with computer applications. ICT based learning is useful for acquiring more knowledge. Interaction with them helped our students to understand new concepts in mathematics.

STUDENTS IN MATHEMATICS LAB

A Visit to research centre:

We visited Chemistry research centre at University. There, research scholars explained research methods and practical showed distillation procedure. Our students raised queries over research methods, they explained they clearly clarified all the queries and mentioned the job opportunities for Chemistry background students.

CHEMISTRY RESEARCH LAB

University library:

Vijayanagara Sri Krishnadevaraya University, Bellary has a huge library having lakhs of books of all the subjects. Established in a serene environment, it provides latest versions of different subjects and congenial environment is created for student s. Within the library, there are different cells including research cell, competition cell and Publication cell. The University librarian Dr. Basavana Gowda took us around the library and explained the significance of library in acquiring knowledge. Our students visited different cells and interacted with the students of University.

UNIVERSITY LIBRARY

WITH UNIVERSITY LIBRARIAN

Students Feed Back:

An Educational Tour organized by department of Mathematics really helped me to understand learning strategies of students of other states. My visit to S.S.A. Government first Grade College, Bellary enlightened me a lot and gained huge experience in assignment writing and project work. Professors and research scholars at university have explained the methods of research and importance of life skills in reaching desired goals.

P. Lakshmi

I am very thankful to our sirs for making me part of educational tour. This tour is really thought provoking it. Helped me to assess and analyse different learning techniques in other colleges. I felt very happy to visit different departments in the university. The librarian of the university with lot of patience took us around different book sections and explained latest arrivals in various subjects. It is really a memorable tour.

K. Kavya

I am short of words to describe our educational tour. It is really wonderful and enlightening too. The faculty and students of S.S.A. College provided very good hospitality. The interaction with students made me to comprehend the ways of doing project work and learning methods. Academic ambience in the university campus is also inspiring and the library is a treasure of knowledge.

P. Rama Devi

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It gives me immense pleasure to share my feedback on educational tour. I am very much impressed by the attitude of principal madam, staff and students of S.S.A. College the hospitality we received is unforgettable. I gained lot of confidence after the tour.

G. Kumar

During educational tour, I observed many things. I learned a lot about project works as well as the value of soft skills. At university I observed commitment of PG Students and sincerity of research scholars. I will do research after my graduation.

E. Siddappa

I am very much satisfied and learned a lot in the tour. The tour inspired me to develop inter personal skills which are very much required to secure a good job. Interaction with students of S.S.A. College made me to learn different methods of learning. University professors also encouraged me to study post-graduation and motivated me to do research in the area of my interest.

K. Sunitha.

One day educational tour remains memorable throughout my life as it inspired me in many aspects. It made me to speak with others without any fear. I also learned how to develop communication skills and human relations.

J. Hemalatha

I express my gratefulness to our principal Dr.G.Ramakrishna sir for encouraging us and giving permission for educational tour. Because of this tour, I learned many things including how to give seminar, how to develop soft skills and how to reach our goals.

C. Narendhra Babu

I am very much thankful to the faculty of department of Mathematics for organising such a wonderful tour. The tour considerably enhanced my confidence and created awareness on learning strategies. I found new ways of solving mathematical problems in computer at university.

T.B. Gangadhara

One educational tour remains memorable in my student life as it encouraged me to reach my ambition without any fear. In my observation I realised how public speaking skills help us in our academic pursuits. The culture and traditions of Karnataka fascinated me. Really this tour provided me awareness on various academic activities.

D. Saritha

Conclusion:

We successfully completed our one day educational tour. It gave much needed boost to our student's confidence levels to speak without any fear. Our students got enlightenment on assignment writing, record writing and project work. Interaction with the students of other state also helped them to know more about learning strategies and importance of communication skills. Our student's interaction with research scholars at University inspired them to pursue higher studies and research. University professors motivated our students and explained the relevance of life skills in reaching desired goals. Students in their feedback expressed their gratitude to our principal Dr G Ramakrishna for encouraging and giving permission for the tour and they also thanked the faculty, department of Mathematics and English for arranging such a memorable and enlightening tour.

PHOTOGRAPH WITH PRINCIPAL DR.R.M. SREEDEVI, S.S.A. COLLEGE, BELLARY

GOVERNMENT DEGREE COLLEGE

URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)

Affiliated to S K. University, Ananthapuramu

DEPARTMENT OF MATHEMATICS

Certificate course on Reasoning Ability

18/01/2023

GOVERNMENT DEGREE COLLEGE
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(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

DEARTMENT MINUTES

A meeting was conducted among the members of the mathematics department on 06-01-2023 at 3.30 PM.

The following matters were discussed and resolved:

1. To conduct a Certificate Course in Mathematics.
2. To distribute IV and VI semesters syllabus to the staff members.

Dept. of Mathematics
Govt. Degree College
Uravakonda - 515812

STAFF MEMBERS:

1. B. Siva Prasad

2. M. Ramesh

GOVERNMENT DEGREE COLLEGE
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(Accredited by NAAC with B Grade)

Affiliated to S K. University, Ananthapuramu

PERMISSION LETTER

To

The Principal,

Government Degree College,

Uravakonda.

Respected Sir,

Sub: The Department of Mathematics – Request for permission – Certificate Course – Reasoning ability – Request - Regd.

Keeping in view the role of Mathematics in getting employability, the Department of Mathematics wishes to start a certificate course on reasoning ability with the duration of 30 hours in the month of January/February without affecting the regular class work. In this regard, permission may be accorded to start afore said course.

Thanking you sir,

Yours faithfully,

Dept. of Mathematics
Govt. Degree College
Uravakonda - 515812

GOVERNMENT DEGREE COLLEGE
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CIRCULAR

All the III year students are here by informed that the Department of Mathematics will start a Certificate Course on Reasoning ability on 18th January 2023. Those who are interested to join the course,They have to enroll their names with **Sri. B. Siva Prasad**, lecturer in mathematics and certificate will be given after the completion of the course.

Name of the Course **: Reasoning ability**

Duration of the Course : **30 Hours**

Commencement of the Course : **18/01/2023**

Time Schedule of the classes : **05:00 PM to 06:00 PM**

Dept. of Mathematics
Govt. Degree College
Uravakonda - 515812

Principal
PRINCIPAL
GOVT.DEGREE COLLEGE
URVAKONDA

]

SYLLABUS

1. **Coding- Decoding**
2. **Number Series**
3. **Clocks**
4. **Calendars**
5. **Blood Relations**
6. **Analogy**

S.No	Name of the Topic	Hours Allotted
1	Coding- Decoding	5
2	Number Series	5
3	Clocks	5
4	Calendars	5
5	Blood Relations	5
6	Analogy	5

GOVERNMENT DEGREE COLLEGE
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TIME TABLE

Day	TIMING
Monday	**5:00 PM to 6:00 PM**
Tuesday	**5:00 PM to 6:00 PM**
Wednesday	**5:00 PM to 6:00 PM**
Thursday	**5:00 PM to 6:00 PM**
Friday	**5:00 PM to 6:00 PM**
Saturday	**5:00 PM to 6:00 PM**

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812

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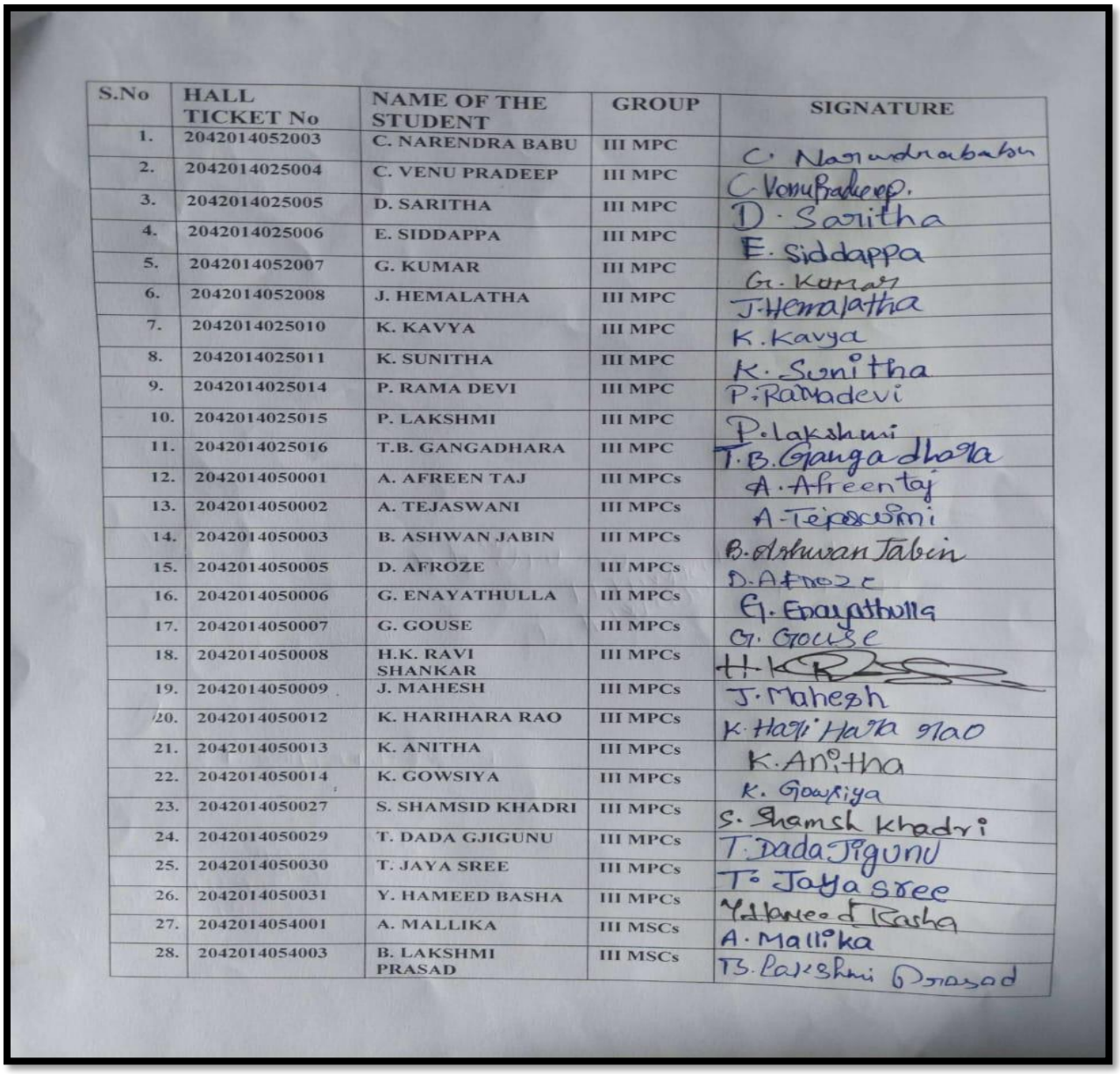
Affiliated to S K. University, Ananthapuramu

STUDENTS LIST:



S.No	HALL TICKET No	NAME OF THE STUDENT	GROUP	SIGNATURE
1.	2042014052003	C. NARENDRA BABU	III MPC	C. Narendrababu
2.	2042014025004	C. VENU PRADEEP	III MPC	C. VenuPradeep.
3.	2042014025005	D. SARITHA	III MPC	D. Saritha
4.	2042014025006	E. SIDDAPPA	III MPC	E. Siddappa
5.	2042014052007	G. KUMAR	III MPC	G. Kumar
6.	2042014052008	J. HEMALATHA	III MPC	J. Hemalatha
7.	2042014025010	K. KAVYA	III MPC	K. Kavya
8.	2042014025011	K. SUNITHA	III MPC	K. Sunitha
9.	2042014025014	P. RAMA DEVI	III MPC	P. Ramadevi
10.	2042014025015	P. LAKSHMI	III MPC	P. Lakshmi
11.	2042014025016	T.B. GANGADHARA	III MPC	T.B. Gangadhara
12.	2042014050001	A. AFREEN TAJ	III MPCs	A. Afreentaj
13.	2042014050002	A. TEJASWANI	III MPCs	A. Tejaswini
14.	2042014050003	B. ASHWAN JABIN	III MPCs	B. Ashwan Jabin
15.	2042014050005	D. AFROZE	III MPCs	D. Afroze
16.	2042014050006	G. ENAYATHULLA	III MPCs	G. Enayathulla
17.	2042014050007	G. GOUSE	III MPCs	G. Gouse
18.	2042014050008	H.K. RAVI SHANKAR	III MPCs	H.K.
19.	2042014050009	J. MAHESH	III MPCs	J. Mahesh
20.	2042014050012	K. HARIHARA RAO	III MPCs	K. Hari Hara Rao
21.	2042014050013	K. ANITHA	III MPCs	K. Anitha
22.	2042014050014	K. GOWSIYA	III MPCs	K. Gowsiya
23.	2042014050027	S. SHAMSID KHADRI	III MPCs	S. Shamsh khadri
24.	2042014050029	T. DADA GJIGUNU	III MPCs	T. Dada Jigunu
25.	2042014050030	T. JAYA SREE	III MPCs	T. Jaya sree
26.	2042014050031	Y. HAMEED BASHA	III MPCs	Y. Hameed Basha
27.	2042014054001	A. MALLIKA	III MSCs	A. Mallika
28.	2042014054003	B. LAKSHMI PRASAD	III MSCs	B. Lakshmi Prasad

GOVERNMENT DEGREE COLLEGE
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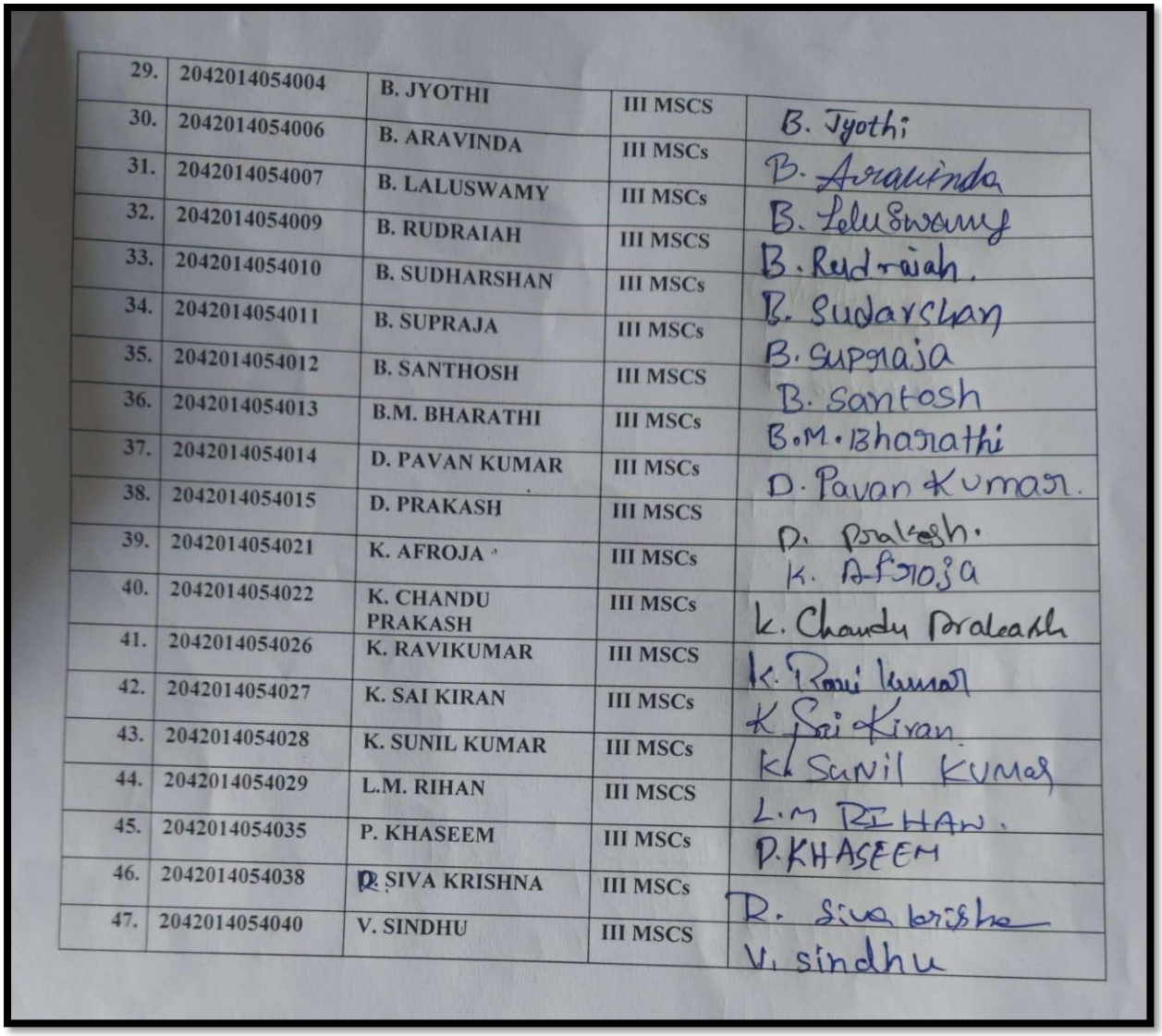

29.	2042014054004	B. JYOTHI	III MSCS	B. Jyothi
30.	2042014054006	B. ARAVINDA	III MSCs	B. Aravinda
31.	2042014054007	B. LALUSWAMY	III MSCs	B. LaluSwamy
32.	2042014054009	B. RUDRAIAH	III MSCS	B. Rudraiah.
33.	2042014054010	B. SUDHARSHAN	III MSCs	B. Sudarshan
34.	2042014054011	B. SUPRAJA	III MSCs	B. Supraja
35.	2042014054012	B. SANTHOSH	III MSCS	B. Santosh
36.	2042014054013	B.M. BHARATHI	III MSCs	B.M. Bharathi
37.	2042014054014	D. PAVAN KUMAR	III MSCs	D. Pavan Kumar.
38.	2042014054015	D. PRAKASH	III MSCS	D. Prakash.
39.	2042014054021	K. AFROJA	III MSCs	K. Afroja
40.	2042014054022	K. CHANDU PRAKASH	III MSCs	K. Chandu Prakash
41.	2042014054026	K. RAVIKUMAR	III MSCS	K. Ravi kumar
42.	2042014054027	K. SAI KIRAN	III MSCs	K Sai Kiran
43.	2042014054028	K. SUNIL KUMAR	III MSCs	K. Sunil Kumar
44.	2042014054029	L.M. RIHAN	III MSCS	L.M RIHAN.
45.	2042014054035	P. KHASEEM	III MSCs	P. KHASEEM
46.	2042014054038	R. SIVA KRISHNA	III MSCs	R. Siva krishna
47.	2042014054040	V. SINDHU	III MSCS	V. sindhu

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
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Brief Report:

Department of Mathematics organised a Certificate course on reasoning abilities

- 47 students were attended out of 65 students.
- The programme is conducted after the regular class work is over
- The duration of the class is one hour in total 30 hours is the duration of the course.
- Out of thirty students registered, students participated and successfully completed the course.
- During the programme we have conducted two tests and evaluated.
- At the end of the programme, a Grand Test was conducted and it was also evaluated.
- Certificates were issued to the successfully completed the course.

The outcomes of the course are:

- To understand about importance of the reasoning techniques
- To know the application of reasoning techniques
- To understand the analytical thinking and peoples capability and effectively problems which are complex in nature.
- Acquire competency in use of reasoning abilities

GOVERNMENT DEGREE COLLEGE
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CERTIFICATE OF COMPLETION

This is to certify that _____ Regd.No _____ of Government Degree College, Uravakonda has completed his /her one month Certificate Course on "REASONING ABELITY" from 18/01/2023 to 27/02/2023 organized by the Department of Mathematics.

The overall performance of an Individual during his/her Entire Course is found to be Satisfactory.

Dept. of Mathematics
Govt. Degree College
Uravakonda - 515812

(Dr. K.M. RAJESH)
Co-Ordinator

Govt. Degree College Dept. of Mathematics Uravakonda

PRINCIPAL
GOVT.DEGREE COLLEGE
URVAKONDA

Principal

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
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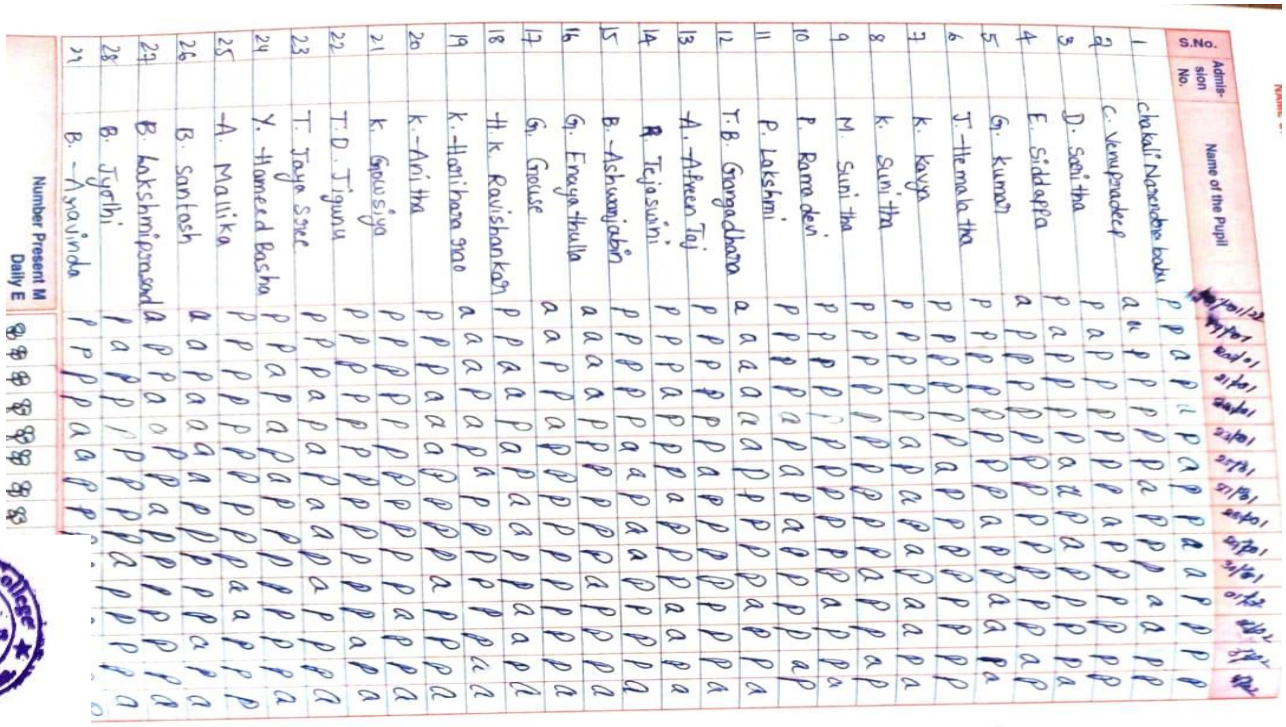
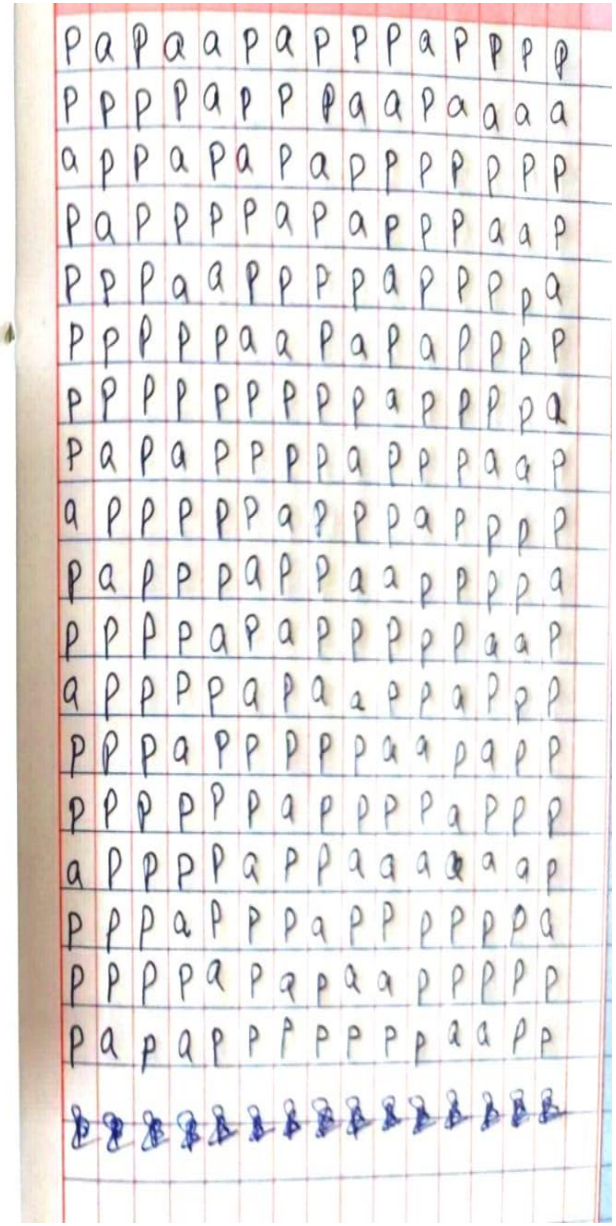
Affiliated to S K. University, Ananthapuramu

STUDENT ATTEDENCE



B. Lalu Swamy
B. Rudraiah
B. Sudharshan
B. Supraja
B. Santhosh
B.M. Bharathi
D. pavan kumar
D. prakash
K. Afroza
K. chanda prakash
K. Ravi kumar
K. Sai kiran
K. Sunil kumar
L.M. Rihan
P. khaseem
D. Siva krishna
V. Sindu
D. Afroze



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GOVERNMENT DEGREE COLLEGE, URAVAKONDA
DEPARTMENT OF MATHEMATICS
QUESTION PAPER FOR CERTIFICATE COURSE

Time: 20 min

12/20

1. 6,9,12,15,18,21 --------
A). 26 B) 28 C). 33 D). 24

2. 195,190, 180,175, 165, 160, ----------
A). 155 B). 158 C). 150 D). 140

3. 220, 216, 208, 196, 180, ----------
A). 160 B). 165 C). 168 D). 150

4. 81, 27, 9, --------, 1.
A). 12 B). 16 C). 11 D). 3

5. 2, 4, 3, 9, 4, 16, 5, ----, -----, 36.
A). 25, 6 B). 6, 26 C). 25, 6 D). 14, 10

6. If in a certain code 'INTELLIGENCE' is written as 'ETNIGILLECNE' then how can 'MATHEMATICAL' be written in the same code?
A). AMHTMETACILA B). TAMMEHTALAC
C). HTAMTAMELACI D). LACITAMEHTAC

7. If CUP = 40, then KITE = ?
A). 10 B). 20 C). 30 D). 45

8. In a certain code language, FILE is written as 7465 and IDEAL is written as 43586.How will DEAF be written in that code language?
A). 3478 B). 3588 C). 3587 D). 4578

9. In a certain code language 481 means 'sky is blue' , 246 means ' sea is deep' and 698 means ' sea looks blue'. What is the code for 'blue'?

A). 1 B). 6 (C). 8 D). 9

10. If A+B means A is the mother of B; A-B means A is the brother B; A/B means A is the father of B and A X B means A is a sister of B, which of the following shows that P is the maternal uncle of Q

A). Q- N + M x P (B). P + S x N –Q C). P – M + N x Q D). Q – S / P

11. The angle between the minute hour and the hour hand of a clock when the time is 8.30, is

A). 60 B). 70 C). 75 (D). 80

12. Aclock is set right at 5 a,m. The clock loses 16 minutes in 24 hours. What will be the true time when the clock indicates 10 p.m on 4 th day ?

(A). 11pm B). 12 pm C). 1 pm D). 2pm

13. At what time between 5 and 6 'o' clock are the hands of 3 minutes apart?

(A). 24 min B). 12 min C). 13 min D). 14 min

14. Find the number of odd days in 1887 years?

A). 8 days B). 7 days (C). 6 days D). 5 days

15. Find the day of 15 th October 1931 which is the birth date of Sri A.P.J.Abdul kalam.

(A). Monday B). Friday C). Thursday D). Saturday

16. What will be the day on 26th july 2024 ?

(A). Friday B). Saturday C). Monday D). Wednesday

17. If January 1, 2000, is Saturday then what will be the day on jan 1, 2003?

(A). Wednesday B). Friday C). Saturday D). Thursday

18. August 15th,2022 was Monday, what will be the day on august 15th ,2026?

A). Monday (B). Tuesday C). Saturday D). Friday

19. Find the wrong number of the series 5, 7, 21, 23, 69, 70, 213?

A). 23 B). 7 (C). 71 D). 69

20. Find the wrong number of the series 30, 42, 56, 76, 90, 110?

(A). 76 B). 56 C). 110 D). 42

Govt. Degree College Dept. of Mathematics Uravakonda

GOVERNMENT DEGREE COLLEGE
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S.No	NAME OF THE STUDENT	MARKS	GRADE
1	C. NARENDRA BABU	10	C
2	C. VENU PRADEEP	12	B
3	D. SARITHA	15	A
4	E. SIDDAPPA	10	C
5	G. KUMAR	12	B
6	J. HEMALATHA	15	A
7	K. KAVYA	18	A
8	K. SUNITHA	18	A
9	P. RAMA DEVI	15	A
10	P. LAKSHMI	18	A
11	T.B. GANGADHARA	12	B
12	A. AFREEN TAJ	15	A
13	A. TEJASWANI	12	B
14	B. ASHWAN JABIN	13	B
15	D. AFROZE	10	B
16	G. ENAYATHULLA	10	B
17	G. GOUSE	12	B
18	H.K. RAVI SHANKAR	11	C
19	J. MAHESH	18	A
20	K. HARIHARA RAO	13	B
21	K. ANITHA	12	B
22	K. GOWSIYA	18	A
23	S. SHAMSID KHADRI	14	B
24	T. DADA GJIGUNU	18	A
25	T. JAYA SREE	17	A
26	Y. HAMEED BASHA	12	B
27	M. RAMANJINEYULU	12	B
28	A. MALLIKA	14	B
29	B. LAKSHMI PRASAD	13	B
30	B. JYOTHI	15	A
31	B. ARAVINDA	13	B
32	B. LALUSWAMY	12	B
33	B. RUDRAIAH	18	A
34	B. SUDHARSHAN	12	B
35	B. SUPRAJA	10	C
36	B. SANTHOSH	10	C

37	**B.M. BHARATHI**	**15**	**A**
38	**D. PAVAN KUMAR**	**12**	**B**
39	**K. AFROJA**	**10**	**C**
40	**K. CHANDU PRAKASH**	**10**	**C**
41	**K. RAVIKUMAR**	**10**	**C**
42	**K. SAI KIRAN**	**12**	**B**
43	**K. SUNIL KUMAR**	**12**	**B**
44	**L.M. RIHAN**	**10**	**C**
45	**P. KHASEEM**	**12**	**C**
46	**D. SIVA KRISHNA**	**10**	**C**
47	**V. SINDHU**	**10**	**C**

A – > 75%

B – 60 to 75%

C – 50 to 60%

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Department of Mathematics

Essay Writing Competition

On

the occasion of National Mathematic Day

Topic: Ramanujan contribute the Mathematics

20/12/2022

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

DEARTMENT MINUTES

A meeting was conducted among the members of the mathematics department on 10-12-2022 at 4.30 PM.

The following matters were discussed and resolved:

1. It is planned to conduct quiz and essay writing

2. To distribute IV and VI semesters syllabus to the staff members

Dept. of Mathematics
Govt. Degree College
Uravakonda - 515812

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Permission Letter

To,
The Principal,
Govt Degree College,
Uravakonda.

Respected Sir,

Sub: The Department of Mathematics -Permission-Conduct of Essay Writing competition - Req-Regd.

The Department of Mathematics will be conducting the Essay writing Programme on "Raman jam contribution to Mathematics" for the B.Sc, B.A., B.Com Students on 20THDecember, 2022. In this regard, we request you to kindly give us permission to conduct the above said programme.

Thanking you Sir,

Dept. of Mathematics
Govt. Degree College
Uravakonda - 515812

Principal
PRINCIPAL
GOVT.DEGREE COLLEGE
URVAKONDA

GOVERNMENT DEGREE COLLEGE

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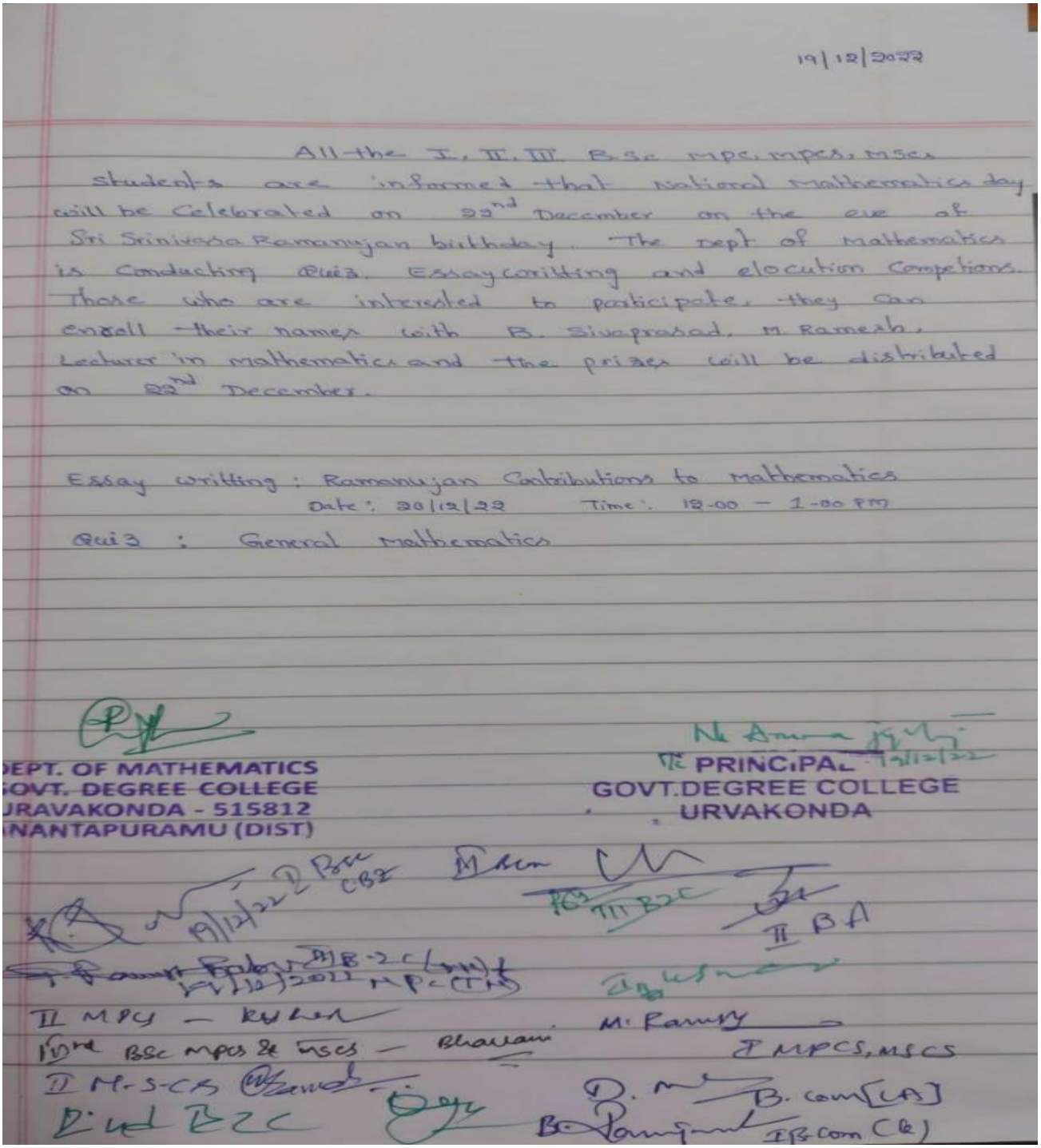
CIRCULAR



19/12/2022

All the I, II, III B.Sc MPC, MPCS, MSCS students are informed that National Mathematics day will be Celebrated on 22nd December on the eve of Sri Srinivasa Ramanujan birthday. The Dept of Mathematics is Conducting Quiz, Essay writting and elocution Competions. Those who are interested to participate, they can enroll their names with B. Sivaprasad, M. Ramesh, Lecturer in mathematics and the prizes will be distributed on 22nd December.

Essay writting : Ramanujan Contributions to mathematics

Date : 20/12/22 Time : 12-00 – 1-00 PM

Quiz : General mathematics

DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

PRINCIPAL
GOVT.DEGREE COLLEGE
URVAKONDA

19/12/22

II B.A

II MPCS – Kushal

IIIrd BSc MPCS & MSCS – Bhavani

II M.S.C.S

IIIrd BZC

M. Ramesh

I MPCS, MSCS

B. com [LA]

IB com (Ck)

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

STUDENT LIST

S.No	NAME OF THE STUDENT	GROUP	SIGNATURE
1	D. SARITHA	III MPC	D. Sarima
2	J. HEMALATHA	III MPC	J. Hemalatha
3	K. KAVYA	III MPC	K. Kavya
4	K. SUNITHA	III MPC	K. Sunitha
5	P. LAKSHMI	III MPC	P. Lakshmi
6	J. MAHESH	III MPCs	J. Mahesh
7	K. GOWSIYA	III MPCs	K. Gowsiya
8	T. DADA JIGUNU	III MPCs	T. DADA jigunu
9	B. RUDRAIAH	III MSCs	B. Rudraiah
10	B. JYOTHI	III MSCs	B. Jyothi
11	K. SHIRISHA	II MSCs	K. Shirisha
12	G. ESWARI	II MSCs	G. Eswari
13	M.SEKHAR	II MPCs	M. Sekhar
14	M. GAYATHRI	I MPCs	M. Gayathri
15	D. SANTHI	I MSCs	D. Santhi

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812

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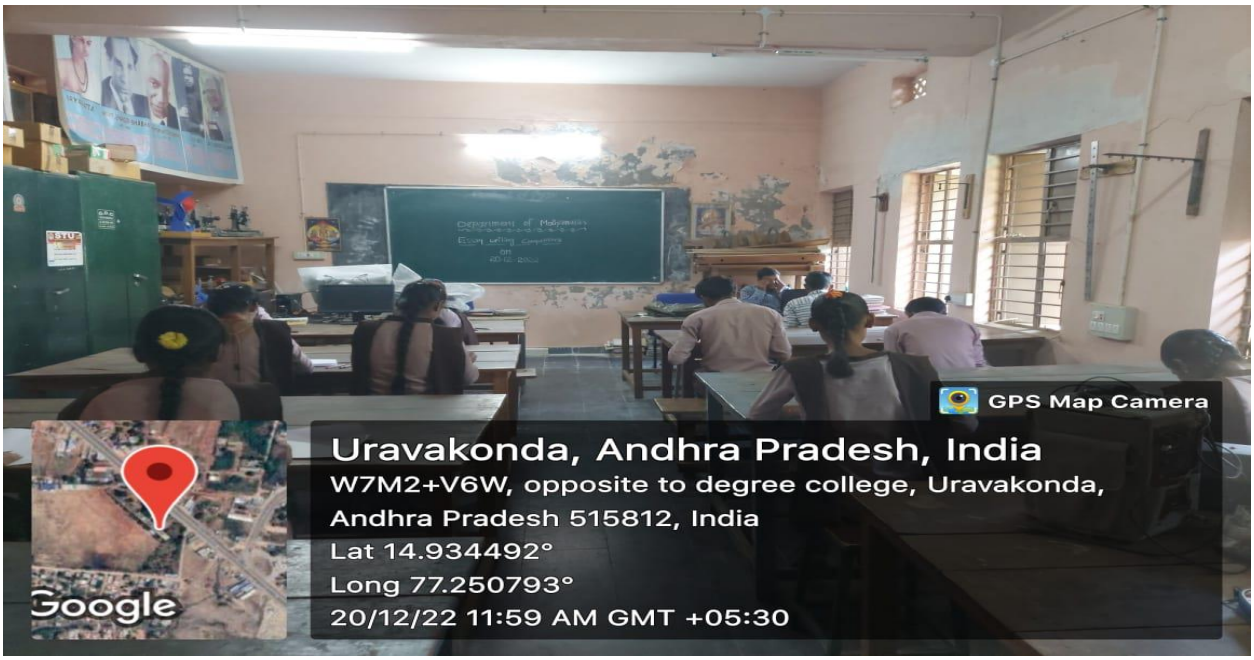
Report on Event

An Essay Writing Competation conducted on 20/12/2022 in View of National Mathematics Day on Day of 22nd December. Total 15 students were enrolled for this competition. The students write their views on topic Ramanujam contribute mathematics. Department incharge Faculty Sri.Dr. K.M. Rajesh, B. Siva Prasad, and M. Ramesh act as judges for this event. Winners of this event received prize on 22/12/2022.

I st Prize:

2nd Prize :



Conduct Essay writing

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
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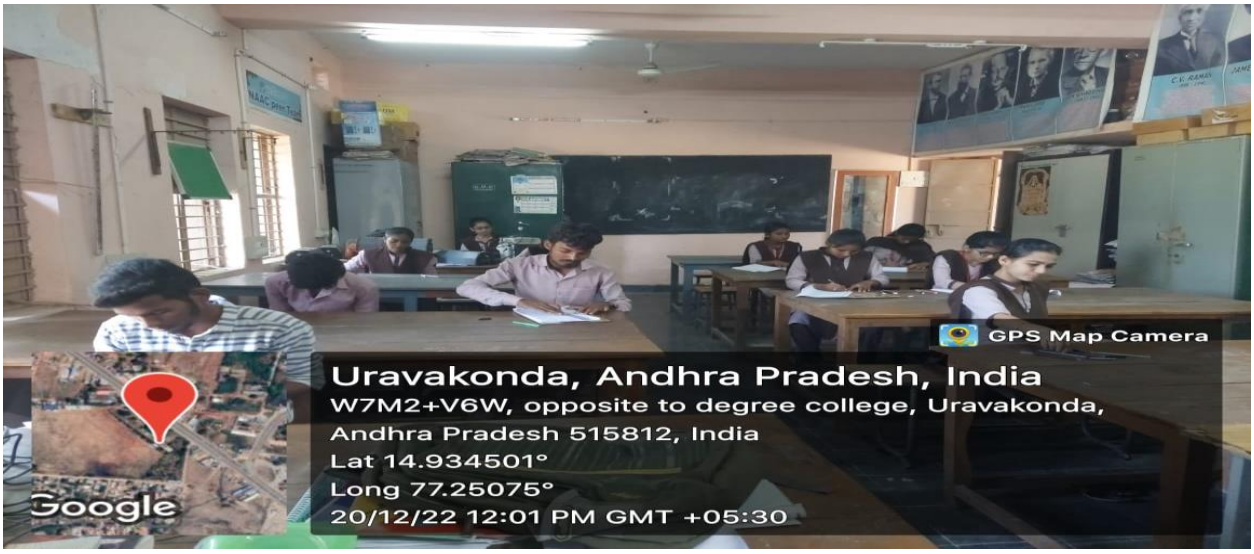

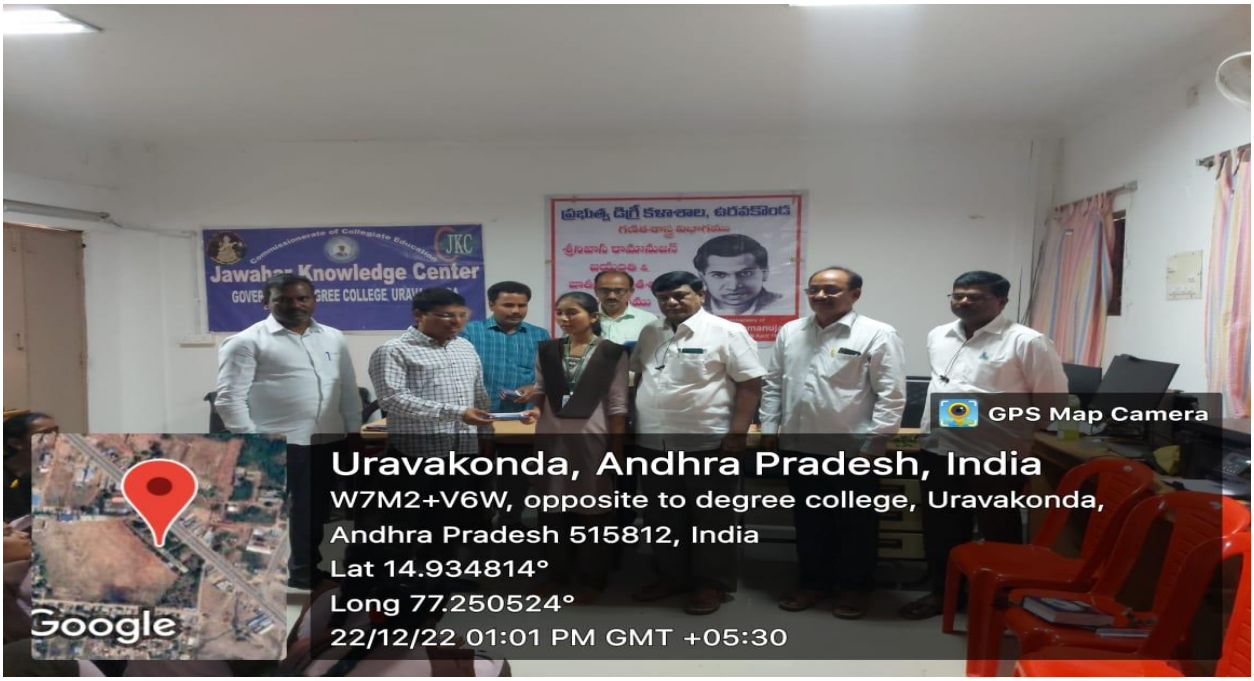

Prize distribution

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
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Affiliated to S K. University, Ananthapuramu

QUIZ PROGRAMME

Organised
By

DEPARTMENT OF MATHEMATICS

On

21-12-2022

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

DEARTMENT MINUTES

A meeting was conducted among the members of the mathematics department on 10-12-2022 at 4.30 PM.

The following matters were discussed and resolved:

1. It is planned to conduct quiz and essay writing

2. To distribute IV and VI semesters syllabus to the staff members

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

PERMISSION LETTER

To

The Principal,
Government Degree College,
Uravakonda.

Respected Sir,

Sub: The Department of Mathematics -Permission-Conduct of Quiz –Programme -Req-Regd.

The Department of Mathematics will be conducting the Quiz Programme on General Mathematics for the I II & III B.Sc,MPC, MPCs, MSCs Students on 21st December, 2022 on eve of National Mathematics day. In this regard, we request you to kindly give us permission to conduct the above said programme.

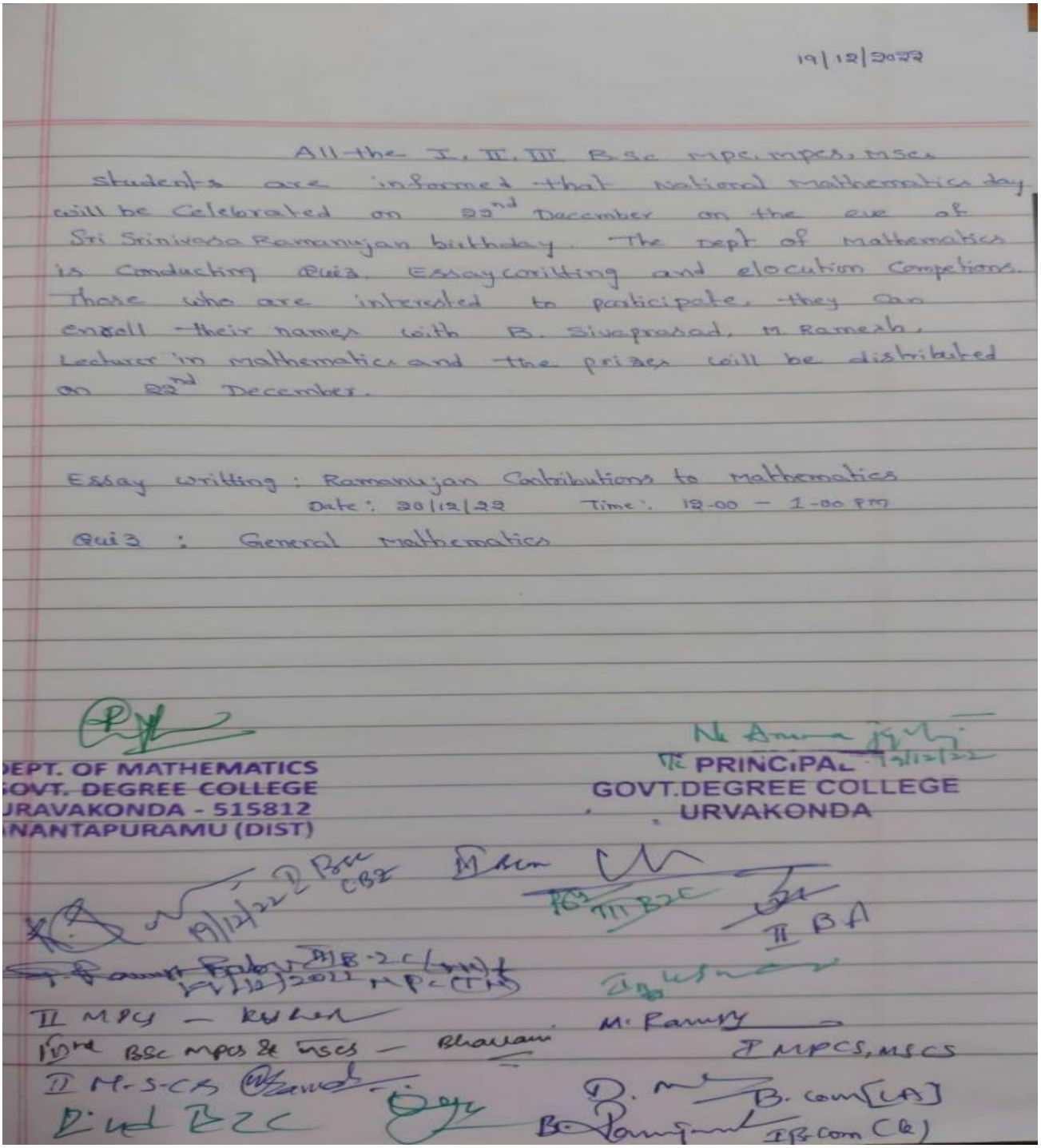
Thanking you Sir,

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Signature of the Principal
PRINCIPAL
GOVT.DEGREE COLLEGE
URAVAKONDA

GOVERNMENT DEGREE COLLEGE, URAVAKONDA
DEPARTMENT OF MATHEMATICS

CIRCULAR



19/12/2022

All the I, II, III B.Sc MPC, MPCS, MSCS students are informed that National Mathematics day will be Celebrated on 22nd December on the eve of Sri Srinivasa Ramanujan birthday. The Dept of Mathematics is Conducting Quiz, Essay writting and elocution Competions. Those who are interested to participate, they can enroll their names with B. Sivaprasad, M. Ramesh, Lecturer in mathematics and the prizes will be distributed on 22nd December.

Essay writting : Ramanujan Contributions to Mathematics
Date : 20/12/22 Time : 12-00 – 1-00 PM

Quiz : General Mathematics

DEPT. OF MATHEMATICS
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ANANTAPURAMU (DIST)

PRINCIPAL
GOVT.DEGREE COLLEGE
URVAKONDA

19/12/22

II B.A

II MPCS – Kushal

IIIrd BSc MPCS & MSCS – Bhavani

II M.S.CS

IIIrd BZC

M. Ramesh

I MPCS, MSCS

B. Com [LA]

I B.Com (CA)

GOVERNMENT DEGREE COLLEGE, URAVAKONDA

DEPARTMENT OF MATHEMATICS

QUIZ PROGRAMME

Name of the Topic : Quiz on General Mathematics
Name of the Lecturer: All the faculty of the department
Class : I, II,III B.Sc., MPC, MPCs, MSCs
Date : 21-12-2022

GROUP A

S.NO	Name of the Student	Group	Signature
1	A AFRIN TAJ	III MPCs	A. Afreen taj
2	T. DADA JIGUNU	III MPCs	T. Dada Jigunu
3	A. MALLIKA	III MSCs	A. Mallika
4	B. JYOTHI	III MSCs	B. Jyothi
5	B.M. BHARATHI	III MSCs	B. M. Bharathi

GROUP B

S.NO	Name of the Student	Group	Signature
1	Y. SHIVANI	II MPCs	Y. Sai Shivani
2	D.SANTHI	II MPCs	D. Santhi
3	G. PADMAJA	II MPCs	G. Padmaja
4	N. GAYATHRI	II MPCs	N. Gayathri
5	N. NANDINI	II MPCs	N. Nandini

GROUP C

S.NO	Name of the Student	Group	Signature
1	J. MAHESH	III MPCS	J. Mahesh
2	K. GOUSIYA	III MPCs	K. GOUSIYA
3	K. CHARAN KUMAR	II MPCs	K. Charan kumar
4	B. RUDRAIAH	III MSCs	B. Rudraiah.
5	V. GOPI CHAND	II MPCs	V. N. Gopichand

GROUP D

S.NO	Name of the Student	Group	Signature
1	G. ESWARI	II MSCs	G. Eswari
2	G. PUSHAPALATHA	II MSCs	G. Pushpalatha
3	U. MADHAVI	II MPCs	U. Madhavi
4	C. BHUVANA CHANDRA	II MPCs	C. Bhuvana chandra
5	M. SEKHAR	II MPCs	M. Sekhar

GROUP E

S.NO	Name of the Student	Group	Signature
1	B. ASHWAN JABIN	III MPCs	B. Ashwan Jabin
2	K. ANITHA	III MPCs	K. Anitha
3	T. JAYA SREE	III MPCs	T. Jaya Sree
4	A. TEJESWANI	III MPCs	A. Tejaswini
5	P. RAMA DEVI	III MPC	P. Ramadevi

GROUP F

S.NO	Name of the Student	Group	Signature
1	G. SWATHI	II MSCs	G. Swathi
2	D. HARITHA	II MSCs	D. Haritha
3	C. RAVENDRA	II MSCs	C. Ravendra
4	G. RAMU	II MSCs	G. Ramu
5	P. YESWANTH	II MPCs	P. Yashwanth

GROUP G

S.NO	Name of the Student	Group	Signature
1	D. SARITHA	III MPC	D. Saritha
2	J. HEMALATHA	III MPC	J. Hemalatha
3	K. SUNITHA	III MPC	K. Sunitha
4	K. KAVYA	III MPC	K Kavya
5	P. LAKSMI	III MPC	P. Lakshmi

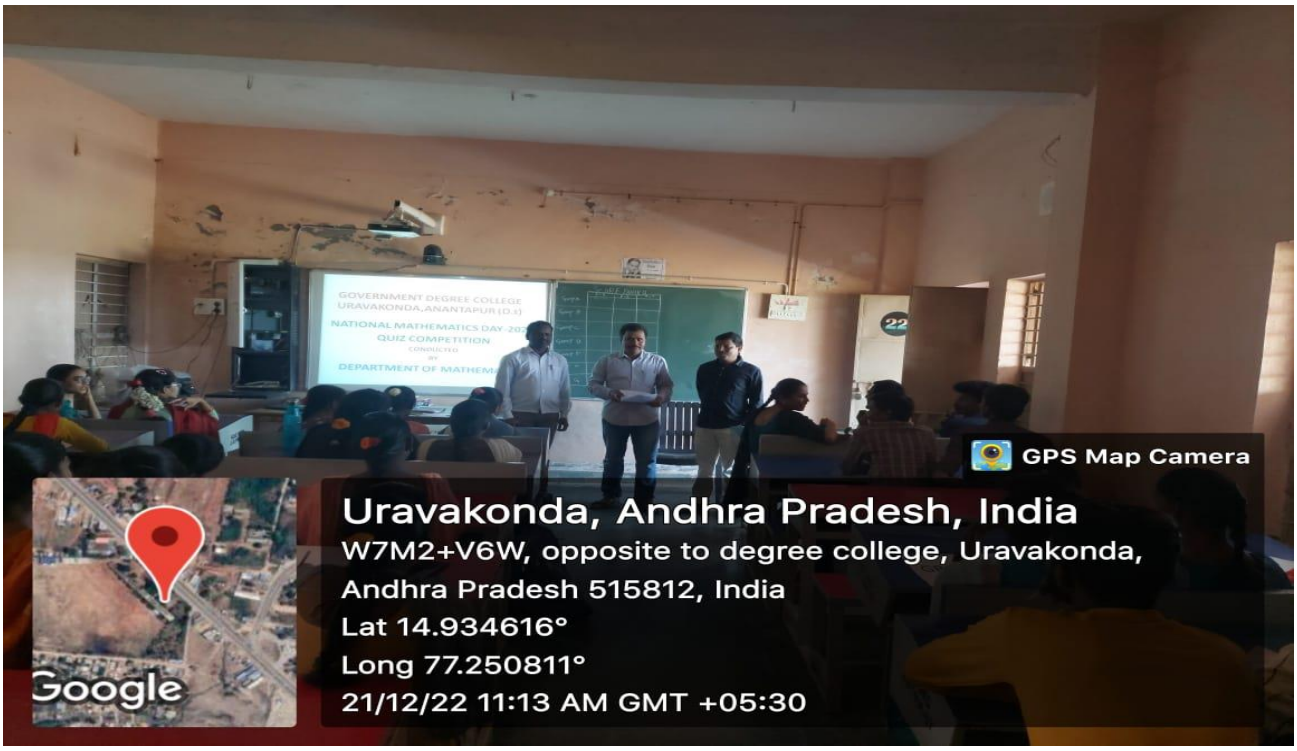
Final Result: Winners – Group - G

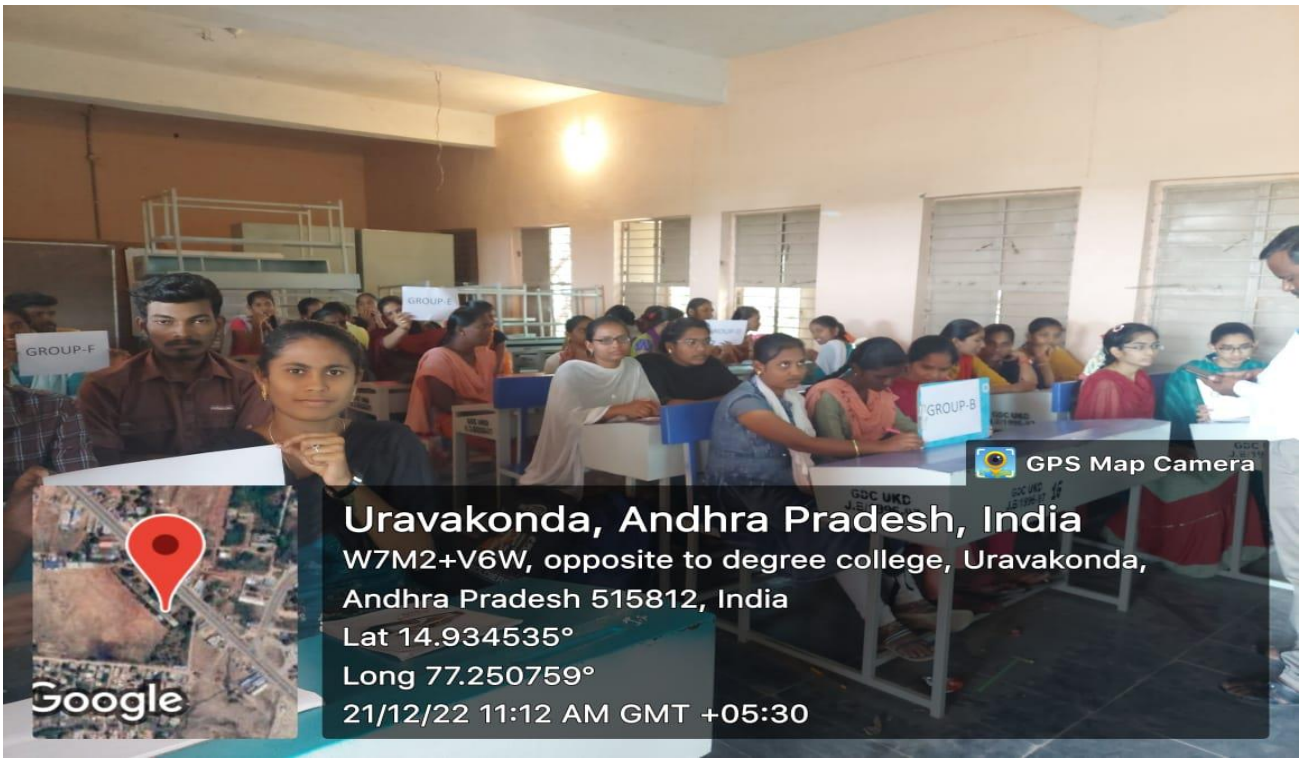
Runners – Group – C

Signature of the Lecturers

1. B. Siva prasad
2. M. Ramesh

PICTURES OF QUIZ PROGRAMME





Prize distribution on the eve of National Mathematics day

GOVERNMENT DEGREE COLLEGE, URAVAKONDA

DEPARTMENT OF MATHEMATICS

QUIZ

1. Angles greater than 90 degrees but less than 180 degrees are called?
   Answer: Obtuse angles

2. How many sides are there in a Heptagon?

   Answer: 7

3. Solid shape that has four equal triangles?
   Answer: Tetrahedron

4. Who discovered ∮ the Contour Integral sign?
   Answer: Arnold Sommerfeld

5. Who discovered Existential Quantifier ∃ (there exists)?
   Answer: Giuseppe Peano

6. Who invented ± Plus-Minus sign?
   Answer: William Oughtred

7. Father of Cryptology?
   Answer: Leon Battista Alberti

8. What is the shape of a Brick in India?
   Answer: Cuboid

9. Where did the “Magic Square” originate?
   Answer: Ancient China

10. Which movie is based on Srinivasa Ramanujan?
    Answer: The Man Who Knew Infinity

11. Who invented “∇” the Nabla symbol?
    Answer: William Rowan Hamilton

12. Who is known as Human Computer?
Answer: Shakuntala Devi

13. Name of the symbol φ ?
Answer: Golden ratio

14. What is the other name of the Perimeter of a Circle?
Answer: Circumference

15. Who discovered the Proportionality Sign ∝ ?

Answer: William Emerson (1768)

16 .Who discovered Partial Derivatives?
Answer: Adrien-Marie Legendre (1786)

17. Who discovered Gamma-Function "Γ" ?
Answer: Leonhard Euler

18. Who discovered Laplace Transform?
Answer: Pierre-Simon Laplace

19. Who invented the Factorial symbol "!" ?
Answer: Christian Kramp

20. Who is the Father of Analytic Geometry?
Answer: René Descartes and Pierre de Fermat

21. Who invented "∫" Integral sign?
Answer: Gottfried Leibniz

22. Who is the "Father of Mathematics"?
Answer: Archimedes

23. Who discovered an easy method to find all the Prime Numbers?
Answer: Eratosthenes

24. What is the average of the first 50 Natural Numbers?
Answer: 25.5

25. What is an angle greater than 180 degrees but less than 360 degrees called?
Answer: Reflex angle

26. Who invented the Radical symbol √‾(square root)?
Answer: René Descartes

27. Who discovered " ∀ " universal quantifier (for all)?
Answer: Gerhard Gentzen

28. Who created the Theory of Probability?
Answer: Blaise Pascal and Pierre de Fermat

29. Who was the first person to use Algebra for solving Astronomical Problems?
Answer: Brahmagupta (7th century)

30. Who discovered Binomial Theorem?
Answer: Al-Karaji

31. Who discovered Divergence Theorem?
Answer: Joseph Louis Lagrange

32. Who discovered Taylor Series?
Answer: Brook Taylor in 1712

33. Who developed the Analytic number theory?
Answer: Peter Gustav Lejeune Dirichlet

34. Who proved that the value of π lies between 3 + 1/7 (approx. 3.1429) & 3 + 10/7 (approx. 3.1408)?
Answer: Archimedes (260 BC)

35. Who Proved that "π" Pi is Irrational?
Answer: Johann Heinrich Lambert

36. Find the next number in the series 125, 80, 45, 20, ...

Ans: 5

37. (51 + 52 + 53 + ...+100) is equal to----------

A). 3775

38). What least number must be subtracted from 13601, so that the remainder is divisible by 87 ?

A). 29

39).How many terms are in the G.P. 3, 6, 12, 24, ..., 384

A). 8

40. If log 2 = 0.3010 and log 3 = 0.4771, the values of $\log_5 512$ is

A). 3.875

41. A grocer has a sale of Rs 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs, 6500

A). 4991

42). The average of 7 consecutive numbers is 20. The largest of these numbers is

A). 23

43). What was the day on 15th august 1947------

A). Friday

44). Today is Monday. After 61 days, it will be-------

Saturday

45). The last day of a century cannot be---

A). Tuesday

46). What was the day of the week on, 16th July, 1776?

A). Tuesday

47. At what time between 2 and 3 o'clock will the hands of a clock be together

A). (10 + 10/11) min past 2

48). If 20% of a = b, then b% of 20 is the same as :

A). 4% of a

49. A man spends 35% of his income on food, 25% on children's education and 80% of the remaining on house rent. What percent of his income he is left with ?

A). 8 %

50). A's salary is 40% of B's salary which is 25% of C's salary. What percentage of C's salary is A's salary ?

A). 10

Quiz Objectives and Report

Quiz programmes give an opportunity and active involvement of the students at their college level programmes. Quiz competitions are always interesting and informative which provide excitement among the students and also make them aware of subject knowledge. With practicing quizzes, students can do critical thinking, get into a habit of innovative learning and develop analytical attitude.

Brief Report

The Department of Commerce conducted Quiz programme on different General mathematics forthe I, II & III B.Sc., Students on 21st December, 2022. This quiz tested the students understandingin different mathematics topic. 35 students actively participated in this activity. The quiz was conducted in five rounds. In each round 14 questions were asked. The duration of each question is 15 seconds. Each question carries 1 marks. Group G got 35 marks. And GroupC got only 25 marks. As per score Group G became the winner, Dr. K.M Rajesh, in charge of the Department acted as Judge for the overall programme. Department faculty B. Siva Prasad, M. Ramesh also participated in the activity and gave some suggestionson this occasion. winners and runners were distributed prizes on the eve of National Mathematic Day on 22/12/2022.

Feedback of the students

I felt very happy. The programme improved my confidence.

D. Saritha III Mpc

Really speaking Quiz programme brought awareness on General Maths and gave inspiration for active participation in competitions.

K. charan kumar,II Mpcs

I am very thankful to Department of Mathematics for conducting Quiz programme. This kind ofactivity generates interest in the subject.

V. Gopichand, II Mpcs

Quiz programme on General Mathematics surely helps us in competitive exams. Thiswill also help us to write Entrance exams.

T. Dada jigunu, III Mp

GOVERNMENT DEGREE COLLEGE

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(Accredited by NAAC with B Grade)

Affiliated to S K. University, Ananthapuramu

A WORKSHOP

ON

COMMUNICATION SKILLS FOR

"COMPETITIVE EXAMINATIONS"

Date: 17-11-2022

Venue: ELL LAB, Govt. Degree College

Time: 10 AM to 3.30 PM

GOVT. DEGREE COLLEGE, URAVAKONDA
ANANTAPUR-515812

A WORKSHOP

ON

Communication skills for competitive examinations

Date:17-11-2022

Time: 10.30 AM to 4.30 PM

ORGNIZING BY DEPT. OF STATISTICS & MATHEMATICS

ORGANIZING SECRETATRY

D.B.Venkata Ramudu, M.Sc., B.Ed. Ph.D.

Dept. of Statistics

Chief Pattern

T.M. Mastanappa,

Lecturer in English, S.K.P.G.D.C, Guntakal

PROGRAM SCHEDULE

10.00AM	INAGURAL FUNCTION
10.30 AM TO 11.30 AM	SESSION-I
TOPIC:	**Importance of Communication Skills**
11.30 AM TO 12.30 AM	SESSION-II
TOPIC:	**Verbal Communication**
12.30 PM TO 1.30 AM	LUNCH BREAK
1.30 AM TO 2.30 PM	SESSION-III
TOPIC:	**Nonverbal Communication**
2.30 AM TO 3.30 PM	SESSION-IV
TOPIC:	**Written Communication**

GOVERNMENT DEGREE COLLEGE
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DEPARTMENT MINUTES

A meeting was conducted among the members of the mathematics department on 10-11-2022 at 3.30 p.m.

The following matters were discussed and resolved.

1. To conduct a Bridge course in mathematics.
2. To distribute I, III and V semesters syllabi to the staff members.
3. To conduct a value add course
4. To conduct a workshop on communication skills for competitive exams

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Members:

1. B. Siva Prasad

2. M. Ramesh

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)

Affiliated to S K. University, Ananthapuramu

PERMISSION LETTER

Date13.11.2022:

From
Dept. of Mathematics,
Govt. Degree College,
Uravakonda.

To
The Principal,
Govt. Degree College,
Uravakonda.

Respected sir,

Sub: Dept. of Mathematics, Govt. Degree College, Uravakonda- Organizing a one-day workshop on **"Communication skills for competitive exams"** request to give permission-Reg,

******

I submit that the Dept. of Mathematics of Govt. Degree College, Uravakonda is going to organize a one-day workshop on **"Communication skills for competitive exams"** in the college campus on 17/11/2022.In this regard, I request you to give permission to organize the event.

Thanking you Sir,

Yours faithfully

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)

Affiliated to S K. University, Ananthapuramu

CIRCULAR

Date15-11-2022

All the B. Sc., Mathematics students are informed that the Dept. of Mathematics of Govt. Degree College, Uravakonda is going to organize a one-day workshop on “Communication skills for Competitive Exams” on the College campus on 17/11/2022. In this regard, you are informed to attend the program without fail.

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Principal
PRINCIPAL
GOVT.DEGREE COLLEGE
URAVAKONDA

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REPORT

Introduction:

The Workshop on Communication Skills for Jobs took place on [insert date] at [insert location]. The workshop aimed to equip participants with essential communication skills necessary for success in the professional world. The focus was on enhancing verbal, nonverbal, written, and interpersonal communication abilities to improve participants' job prospects and performance.

Sessions and Topics Covered:

The workshop was structured around several interactive sessions, each targeting specific aspects of communication skills:

In Session-1: Importance of Communication Skills:

An overview of why effective communication skills are crucial in the workplace, highlighting their impact on job interviews, teamwork, client interactions, and career advancement was discussed.

In Session-2: Verbal Communication:

The techniques for clear and concise verbal communication, including active listening, speaking confidently, structuring messages, and handling questions effectively were explained.

In Session-3: Nonverbal Communication:

Exploring the significance of body language, facial expressions, gestures, and eye contact in conveying messages accurately and building rapport was delivered.

In Session-4: Written Communication:

Tips for crafting professional emails, memos, reports, and documents. Emphasis on clarity, coherence, tone, and appropriate formatting were explored.

Presentation Skills:

Guidance on structuring and delivering effective presentations. Addressing techniques to engage an audience, manage nerves, and use visual aids proficiently.

Interpersonal Skills:

Strategies for building positive relationships in the workplace. Covered topics included active listening, empathy, conflict resolution, and effective collaboration.

Job Interview Communication:

Role-playing mock interviews to demonstrate effective communication during job interviews. Discussion on creating a strong first impression, answering questions, and showcasing relevant skills.

Workshops and Activities:

The workshop included interactive exercises, role-playing scenarios, and group discussions to provide participants with practical experience in applying the communication skills discussed. Participants had the opportunity to practice delivering presentations, engaging in mock interviews, and providing constructive feedback to peers.

Guest Speakers:

Esteemed professionals from various industries shared their insights on the importance of communication skills in different job roles. They offered real-world examples and anecdotes, highlighting how effective communication had contributed to their own career success.

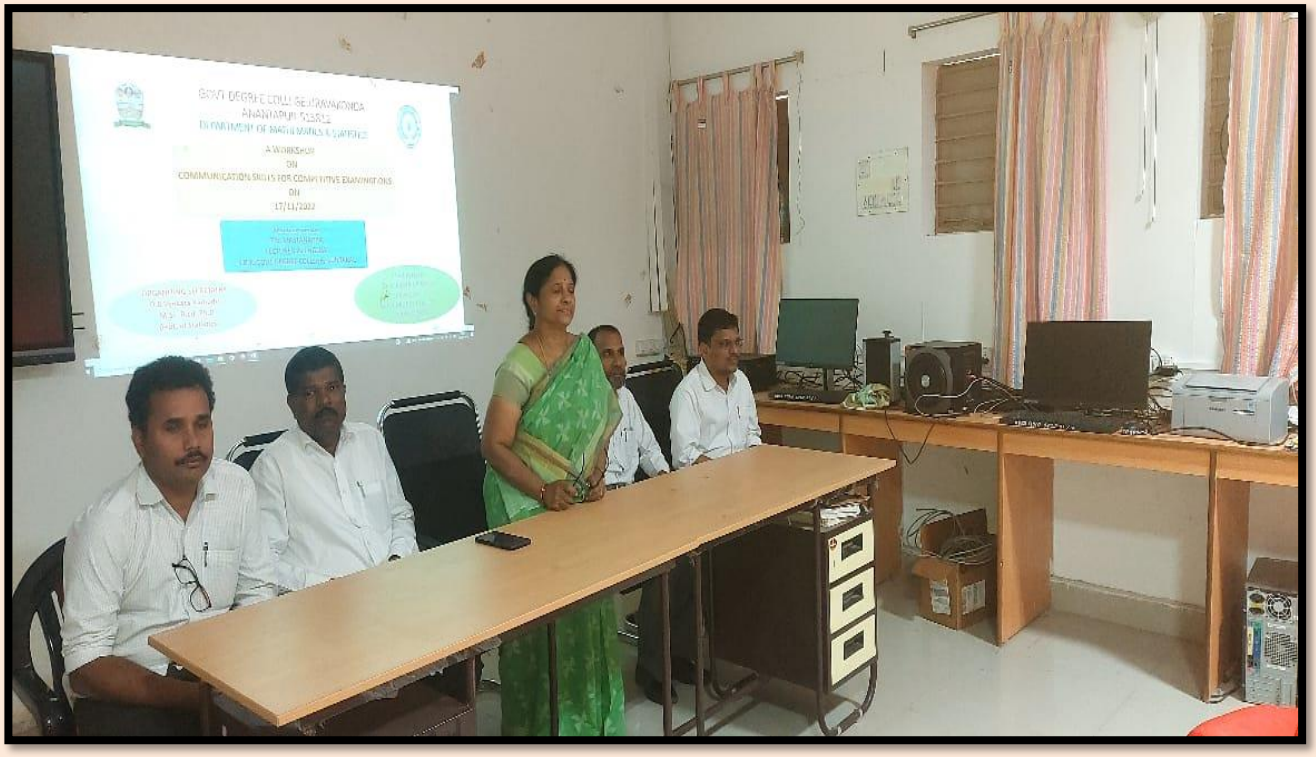
Conclusion:

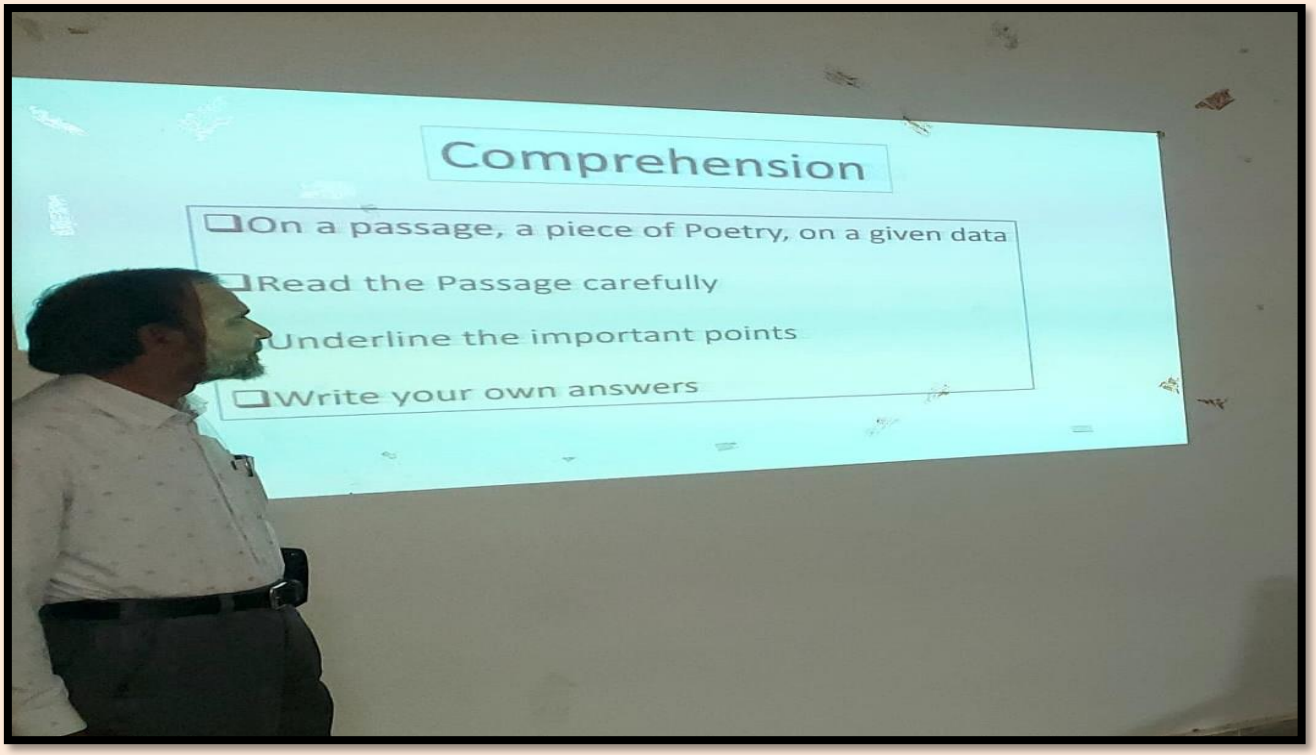
The Workshop on Communication Skills for Jobs proved to be a valuable platform for participants to refine and strengthen their communication abilities. The sessions were designed to cater to participants from diverse backgrounds and career aspirations. The interactive nature of the workshop encouraged active engagement and provided participants with a safe space to practice and improve their skills.

Feedback from participants was overwhelmingly positive, with many expressing newfound confidence in their communication abilities. They noted that the workshop had equipped them with practical tools to excel in interviews, workplace interactions, and various professional communication scenarios.

Overall, the workshop successfully met its objectives of enhancing participants' communication skills, contributing to their overall employability, and fostering their professional growth. It served as a reminder that effective communication is a cornerstone of success in the modern job market.

PHOTO GALLERY





PARTICIPATED STUDENTS

S.No	HALL TICKET No	NAME OF THE STUDENT	SIGNATURE
1.	200141072	S.G. MEGHAMALA	S.G. Meghamala
2.	200141073	B. PALLAVI	B. pallavi
3.	200141074	B. BHAGYAMMA	— ABSENT —
4.	200141075	B. LALESH KUMAR	B. Lalesh Kumar
5.	200141077	J. RAJASEKHAR	J. RAJASEKHAR.
6.	200141078	N. LAKSHMI	N. Lakshmi
7.	200141079	K. NAGA PAVANI	K. Naga pavani
8.	200141080	K. MAHESH	K. Mahesh
9.	200141081	M. SREENIVASULU	M. Sreenivasulu
10.	200141082	M. MUNISWAMY	M. Muniswamy
11.	200141083	V. LALUSWAMY	V. Laluswamy
12.	200141084	V. YERRISWAMY	V. Yerriswamy.
13.	200141115	P. YERRI SWAMY	P. Yerriswamy
14.	200141116	S. RIZWANA	S. Rizwana
15.	200141117	B. HARITHA	BHARITHA
16.	200141118	B. MARUTHI	B. MARUTHI
17.	200141119	C.G. REVATHI	C.G. Revathi
18.	200141120	C. NAGAVENI	C. Nagaveni
19.	200141121	D. MARUTHI	D. Maruthi
20.	200141122	D. HARSHIYA	D. harshiya
21.	200141123	J.G. VASUNDHARA	J.G. Vasundhara
22.	200141124	K. MANJUNATH YADAV	K. Manjunath yadav
23.	200141125	K. RAJESWARI	K. Rajeswari
24.	200141126	M. SUGUNA	M. SUGUNA
25.	200141127	M. MURALIDHAR	M. Muralidhar
26.	200141128	M. SANTHOSH	M. Santhosh
27.	200141129	P. SURENDRA	P. Surendra
28.	200141130	T. MADHAVI	T. Madhavi
29.	200141131	T. VAMSI KRISHNA	— ABSENT —
30.	200141132	U.G. SAI KUMAR	U.G. Sai Kumar
31.	200141192	K. ARIFA	K. ARIFA
32.	200141193	A. SUJATHA	A. Sujatha
33.	200141194	B. VAMSI	B. Vamsi
34.	200141196	G. NOORMAHAMMAD	G. Noormahammad
35.	200141197	H. NAGESH	H. Nagesh
36.	200141198	J. MAHESH	J. Mahesh
37.	200141199	K. GOUTHAM	K. Goutham
38.	200141200	K. PAVAN KUMAR	— ABSENT —
39.	200141201	M. ANJANA SWARAJ	M. Anjana Swaraj
40.	200141202	P. DEEPIKA	P. Deepika
41.	200141203	S. FARJANA	S. farjana.
42.	200141204	T. BHARATH	T. Bharath

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DEPARTMENT OF MATHEMATICS & STATISTICS

A WORKSHOP

ON

"CAREER OPPORTUNITIES AFTER U.G"

Date: 05-09-2022

Venue: ELL LAB, Govt. Degree College

Time: 10 AM to 3.30 PM

GOVT. DEGREE COLLEGE, URAVAKONDA

ANANTAPUR-515812

A WORKSHOP

ON

CAREER OPPORTUNITIES AFTER U.G

Date: 05-09-2022

Time: 10.30 AM to 4.30 PM

ORGNIZING BY DEPT. OF STATISTICS & MATHEMATICS

ORGANIZING SECRETATRY

Dr.B.Venkata Ramudu, M.Sc., B.Ed. Ph.D.

Dept. of Statistics

Chief Pattern

M.V.Gopal Reddy,

Rtd. Lecturer in Mathematics, G.D.C, Uravakonda

PROGRAM SCHEDULE

10.00AM	:	INAGURAL FUNCTION
10.30 AM TO 11.30 AM	:	SESSION-I
TOPIC	:	GUIDANCE ON P.G. COURSES
11.30 AM TO 12.30 AM	:	SESSION-II
TOPIC	:	**GUIDANCE OF JOB**
12.30 PM TO 1.30 AM	:	LUNCH BREAK
1.30 AM TO 2.30 PM	:	SESSION-III
TOPIC	:	**CAREER OPPORTUNITIES**
2.30 AM TO 3.30 PM	:	SESSION-IV
TOPIC	:	**TECHNICAL SHORT TERM COURSES**

GOVERNMENT DEGREE COLLEGE
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DEPARTMENT MINUTES

A meeting was conducted among the members of the mathematics department on 26-08-2022 at 3.30 p.m.

The following matters were discussed and resolved.

1. **To distribute I, III, and V semesters syllabi to the staff members.**
2. **Prepare timetables, annual curricular plans**
3. **To conduct a workshop on career opportunities after U.G.**

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Members:

1. **B. Siva Prasad**
2. **M. Ramesh**

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
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Affiliated to S K. University, Ananthapuramu

PERMISSION LETTER

Date: 01.09.2022,
Uravakonda.

From
Dept. of Mathematics,
Govt. Degree College,
Uravakonda.

To
The Principal,
Govt. Degree College,
Uravakonda.

Respected sir,

Sub: Dept. of Mathematics, Govt. Degree College, Uravakonda- Organizing a one-day workshop on "Career opportunities after U.G"- request to give permission-Reg,

******

I submit that the Dept. of Mathematics of Govt. Degree College, Uravakonda is going to organize a one-day workshop on "Career opportunities after U.G" in the college campus on 05/09/2022.In this regard, I request you to permit me to organize the event.

Thank you, sir and I hope you will accept our proposal and favor the event.

Yours faithfully

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
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GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
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Affiliated to S K. University, Ananthapuramu

CIRCULAR

Date: 03-09-2022,
Uravakonda.

All the B.Sc. Mathematics students are informed that the Dept. of Mathematics of Govt. Degree College, Uravakonda is going to organize a one-day workshop on "Career opportunities after U.G" in the College campus on 05/09/2022. In this regard, you are informed to attend the program without fail.

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Principal
PRINCIPAL
GOVT.DEGREE COLLEGE
URAVAKONDA

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REPORT

Career Guidance for the B.Sc., Students

1. M.Sc. (Master of Science)

Pursuing M.Sc. for higher studies after graduating with a B.Sc. degree is the most obvious choice. It provides specialization in Mathematics, Physics, Chemistry, Computer Science, Statistics, etc. Talking about the career options, the job roles after M.Sc. include

- Professor
- Lab Technician
- Assistant Professor
- Chemical Analyst
- Food and Drug Inspector
- Biochemist, Statistician
- Mathematician
- Research Scientist
- Junior Research Fellow

2. MCA (Master of Computer Application)

MCA is a postgraduate level program like M.Sc. that focuses on Computer Science. Some of the MCA specialization fields include:

- Systems Management
- Systems Development
- Systems Engineering

3. MBA (Master of Business Administration)

A Master of Business Administration (MBA) degree is a professional degree that seeks to provide academic and practical training in business administration.

Some of the high-profile managerial positions available to MBA graduates include:

- Human Resources Manager
- Operations Manager
- Product Manager
- Finance Manager
- Marketing Manager
- Project Managers

4. B.Ed. (Bachelor of Education)

The B.Ed. is one of the most sought-after career options after B.Sc. B.Ed. degrees are a good career choice for students who can be competent teachers and professors.

It trains graduates in various and unique pedagogical strategies to further boost their teaching abilities. B.Ed. programs assist persons with their skills and broaden their information to provide excellent education to their pupils. Teaching provides employment security, job satisfaction, a good salary, and a flexible schedule.

5. Appear for Government Exams

After graduating with a B.Sc. degree, you can appear for several government exams like:

- UPSC
- IAF
- IFS exams
- RBI exams
- AIIMS - Nursing Officer
- IARI-Laboratory Assistant
- LIC-AAO and SBI PO

Selection in these government exams will brighten your future, and you will have a successful career.

6. Technical Short Term Courses like PGDM

After graduating with a BSc degree, another career option is short-term technical courses. That offers specialization in a particular field.

Some of the short-term courses offered are:

- Post Graduate Diploma in Management (PGDM)
- Business Accounting and Taxation (BAT)
- Certified Financial Planner (CFP)
- Data Visualization
- Diploma in Digital Marketing and Certificate Program in Data Science.

7. LLM

LLM or Master of Laws is yet another career option after pursuing B.Sc. LLM is a postgraduate degree designed to enhance your academic legal knowledge, allowing you to focus on specific areas of interest.

Career Opportunities after B.Sc.

B.Sc. graduates have several career opportunities. After pursuing a particular course from the above-given options, graduates or postgraduates can look for employment opportunities in the following sectors depending upon their skills, specialization, and field of interest.

Following are the career opportunities you can choose from:

- Oil Industry
- Agriculture Industry
- Educational Institutes
- Food Institutes
- Space Research Institutes
- Hospitals
- Health Care Providers
- Chemical Industry
- Testing Laboratories
- Industrial Laboratories

- Research Firms
- Biotechnology Firms
- Forest Services
- Wildlife and Fishery Departments

Conclusion

After completing your B.Sc., there are numerous courses, and you must select the appropriate one. To summarize, a B.Sc. is a highly promising professional route, and as you can see, there are many employment opportunities following a B.Sc.! You only need to identify your areas of interest and select a specialized course accordingly.

If you are looking to give an extra boost to your career and learn from the best, Simplilearn is your one-stop solution. You should consider Simplilearn for online courses. It offers free courses that can help you learn and earn better. Now, you can avail of these courses for free and get the benefit of remote learning from the comfort of your home.

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

PARTICIPATED STUDENTS

S.No	HALL TICKET No	NAME OF THE STUDENT	GROUP	SIGNATURE
1.	2042014052003	C. NARENDRA BABU	III MPC	C. Narendrababu
2.	2042014025004	C. VENU PRADEEP	III MPC	C. VenuPradeep.
3.	2042014025005	D. SARITHA	III MPC	D. Saritha
4.	2042014025006	E. SIDDAPPA	III MPC	E. Siddappa
5.	2042014052007	G. KUMAR	III MPC	G. Kumar
6.	2042014052008	J. HEMALATHA	III MPC	J. Hemalatha
7.	2042014025010	K. KAVYA	III MPC	K. Kavya
8.	2042014025011	K. SUNITHA	III MPC	K. Sunitha
9.	2042014025014	P. RAMA DEVI	III MPC	P. Ramadevi
10.	2042014025015	P. LAKSHMI	III MPC	P. Lakshmi
11.	2042014025016	T.B. GANGADHARA	III MPC	T.B. Gangadhara
12.	2042014050001	A. AFREEN TAJ	III MPCs	A. Afreen taj
13.	2042014050002	A. TEJASWANI	III MPCs	A. Tejaswini
14.	2042014050003	B. ASHWAN JABIN	III MPCs	B. Ashwan Jabin
15.	2042014050005	D. AFROZE	III MPCs	D. Afroze
16.	2042014050006	G. ENAYATHULLA	III MPCs	G. Enayathulla
17.	2042014050007	G. GOUSE	III MPCs	G. Gouse
18.	2042014050008	H.K. RAVI SHANKAR	III MPCs	H.K.
19.	2042014050009	J. MAHESH	III MPCs	J. Mahesh
20.	2042014050012	K. HARIHARA RAO	III MPCs	K. Hari Hara Rao
21.	2042014050013	K. ANITHA	III MPCs	K. Anitha
22.	2042014050014	K. GOWSIYA	III MPCs	K. Gowsiya
23.	2042014050027	S. SHAMSID KHADRI	III MPCs	S. Shamsh khadri
24.	2042014050029	T. DADA GJIGUNU	III MPCs	T. Dada Jigunu
25.	2042014050030	T. JAYA SREE	III MPCs	T. Jaya sree
26.	2042014050031	Y. HAMEED BASHA	III MPCs	Y. Hameed Basha
27.	2042014054001	A. MALLIKA	III MSCs	A. Mallika
28.	2042014054003	B. LAKSHMI PRASAD	III MSCs	B. Lakshmi Prasad

29.	2042014054004	B. JYOTHI	III MSCS	B. Jyothi
30.	2042014054006	B. ARAVINDA	III MSCs	B. Aravinda
31.	2042014054007	B. LALUSWAMY	III MSCs	B. Laluswamy
32.	2042014054009	B. RUDRAIAH	III MSCS	B. Rudraiah.
33.	2042014054010	B. SUDHARSHAN	III MSCs	B. Sudarshan
34.	2042014054011	B. SUPRAJA	III MSCs	B. Supraja
35.	2042014054012	B. SANTHOSH	III MSCS	B. Santosh
36.	2042014054013	B.M. BHARATHI	III MSCs	B.M. Bharathi
37.	2042014054014	D. PAVAN KUMAR	III MSCs	D. Pavan Kumar.
38.	2042014054015	D. PRAKASH	III MSCS	D. Prakash.
39.	2042014054021	K. AFROJA	III MSCs	K. Afroja
40.	2042014054022	K. CHANDU PRAKASH	III MSCs	K. Chandu Prakash
41.	2042014054026	K. RAVIKUMAR	III MSCS	K. Ravi kumar
42.	2042014054027	K. SAI KIRAN	III MSCs	K Sai Kiran
43.	2042014054028	K. SUNIL KUMAR	III MSCs	K. Sunil Kumar
44.	2042014054029	L.M. RIHAN	III MSCS	L.M RIHAN.
45.	2042014054035	P. KHASEEM	III MSCs	P. KHASEEM
46.	2042014054038	R. SIVA KRISHNA	III MSCs	R. Siva krishna
47.	2042014054040	V. SINDHU	III MSCS	V. Sindhu

GOVERNMENT DEGREE COLLEGE

URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)

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DEPARTMENT OF MATHEMATICS

STUDENTS SEMINAR 2022-23

Govt. Degree College: Uravakonda

NAAC with "B" Grade

Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**T. Yerri Swamy**
Group	**B.Sc., MSCs**
Year & Semester	**I Year, I SEM**
Subject	**Differential Equations**
Topic	**Exact Differential Equations**
Date	**03/01/2023**
Name of the Lecturer	**M. Ramesh**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**

Name : T. Yerriswamy
Group :- MPCS

Exact Linear differential Equation

$Mdx + Ndy = 0$

Where M and N are functions of x, y then

$\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$ is called Exact differential equation.

Method of Solving :-

* find $\frac{\partial M}{\partial y}$ & $\frac{\partial N}{\partial x}$

* $\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$ Exact differential Eq?

* General Sol : $\int Mdx + \int N$ (without involving x) $dy + C$

Example : Solve $(x+2y-3)dy - (2x-y+1)dx = 0$.

Sol) Given ; $(x+2y-3)dy - (2x-y+1)dx$

$\Rightarrow -(2x-y+1)dx + (x+2y-3)dy = 0$

$\frac{\partial M}{\partial y} = \frac{\partial(-2x+y-1)}{\partial y} = -1 \quad \frac{\partial N}{\partial x} = \frac{\partial(x+2y-3)}{\partial x} = 1$

General Sol : $\int Mdx + \int Ndy + C$

$= \int(-2x+y-1)dx + \int(2y+3)dy + C$

$= -x^2 + xy - x + y^2 - 3y = C$

required Exact diff Eq?

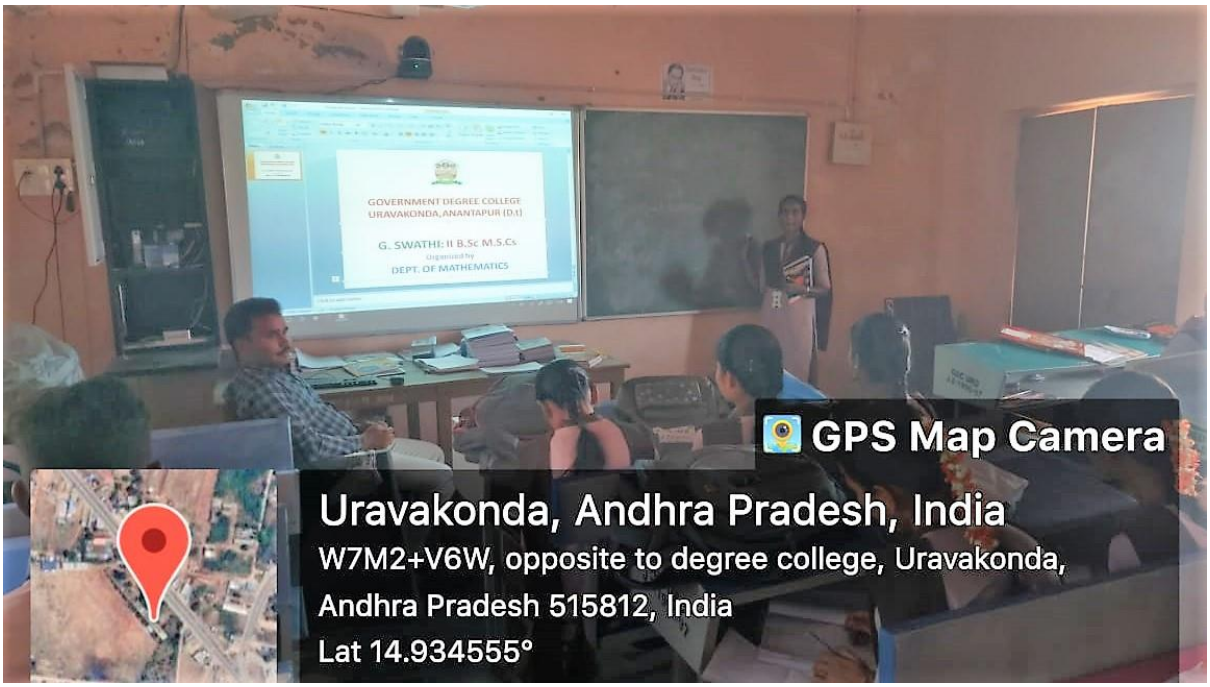
	Name of the Student	Signature
1	D. Shanthi	D. Shanthi
2	V. Durga	V. Durga
3.	K. mounika	K. Mounika
4.	Y. Shivani	Y. Shivani
5.	N. Dhanalakshmi	N. Dhanalakshmi
6	G. Padmaja	G. Padmaja
7	T. Aswini	T. Aswini
8.	A. manoj	A. Manoj
9	K. Keshava	K. Keshava
10.	P.S mubin Taz	P.S Mubin Taz.
11.	M. Nandhi	M. Nandhini
12	B. Akhila	B. Akhila.
13	M Gayathri	M. Gayathri.

Govt. Degree College: Uravakonda

NAAC with "B" Grade
Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**G. SWATHI**
Group	**B.Sc., MSCs**
Year & Semester	**II Year, III SEM**
Subject	**Abstract Algebra**
Topic	**Groups**
Date	**23/12/2022**
Name of the Lecturer	**B. Siva Prasad**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**



G. Swathi
IInd BSc (MSCS)

Group :-

Here, 'G' is a non-empty set and o is a binary operation on G. ⇒ [such that the following properities] are satisfied then (G,o) is a group

1. [closed law] $a,b \in G \quad aob \in G$
2. [associative law] $ao(boc)$ then $ao(boc) \; (aob)oc$
3. [Identity law] then there exist an element $e \in G$

   $\Rightarrow aoe = eoa = a \quad \forall a \in G$
4. $\Rightarrow b \in G \quad \Rightarrow aob = boa = e$

Abelian / commutative group :-

(G,o) is a group, $a,b \in G$ such that $aob = boa$ then (G,o) is a commutative (or) abelian group.

show that $G = \{ x / x = 2^a \cdot 3^b, a,b \in \mathbb{Z} \}$ is a group under multiplication

Given,

$$G = \{ x / x = 2^a \cdot 3^b, a,b \in Z \}$$

$x,y,z \in G \Rightarrow x = 2^a 3^b, \; y = 2^c 3^d, \; z = 2^e 3^f$

where, $a,b,c,d,e,f \in Z$

closure property :-

$x,y \in G \Rightarrow x.y \in G$

No	Name of the Student	Signature
1	G. pushpalatha	G. Pushpalatha
2	G. Swathi	G. Swathi
3	G. Eswari	G. Eswari
4	U. Madhavi	U. Madhavi
5	G. Malleswari	G. Malleswari
6	P. Salma	P. Salma
7	K. Gnaneswari	K. Gnaneswari
8	K. Soumya	K. Soumya
9	P. Habeeba	P. Habeeba
10	U. Sailaja	U. Sailaja
11	M. pushpalatha	M. pushpalatha
12	D. Deepthi	D. Deepthi
13	M. Nagaraju	M. Nagaraju
14	K. Charan kumar	K. Charan Kumar
15	T. Mahesh	T. Mahesh
16	J. Rajendra	J. Rajendra
17	S. Seenu	S. Seenu
18	G. Suresh	G. Suresh
19	S. Abdul Khadeer	S. Abdul Khadeer
20	A. Mohammad Rafeeq	A. Mohammad Rafeeq

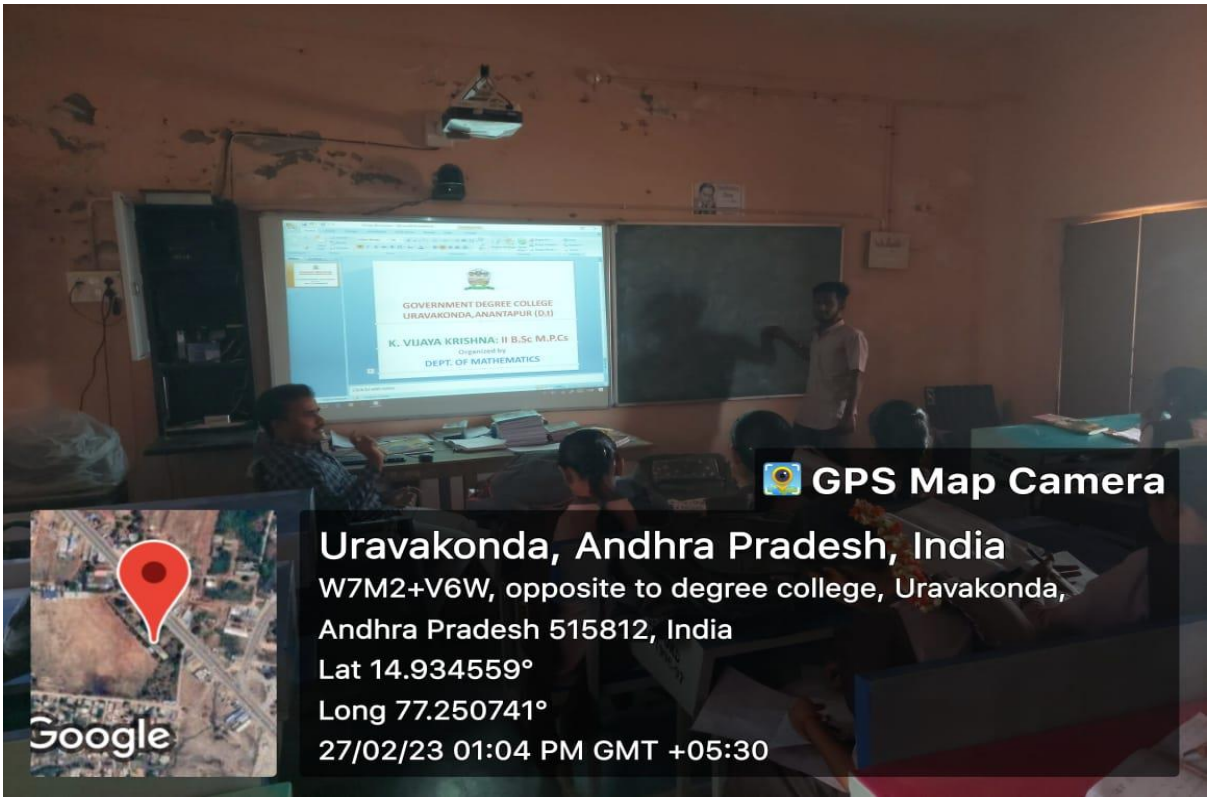
Govt. Degree College: Uravakonda

NAAC with "B" Grade

Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**K. Vijaya Krishna**
Group	**B.Sc., MPCs**
Year & Semester	**II Year, III SEM**
Subject	**Abstract Algebra**
Topic	**Sub Group**
Date	**27/02/2023**
Name of the Lecturer	**B. Siva Prasad**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**



NAME:- K. Vijaykrishna

GROUP: 2nd BSc [MPCS] III Semester

SUBGROUPS :-

Definition:- Let $(G, \cdot)$ be a group let H be a non-empty subset of G such that $(H, \cdot)$ be a group. Then H is called a subgroup of G.

Theorem:- A non-empty subset H of a finite group G is a subgroup if $a \in H, b \in H \Rightarrow ab \in H$.

Proof:- The condition is necessary

Let H be the a g subgroup of a finite group G. Then H is closed w.r.t the composition in G.

$\therefore a \in H, b \in H \Rightarrow ab \in H$

The condition is sufficient.

H is a non-empty subset (complex of G) of a finite group G such that

$$a \in H, b \in H \Rightarrow ab \in H$$

now we have to prove that H is a subgroup of G.

associativity:- since H is a subset of G all the elements of H are the elements of G and hence associativity is true in H w.r.t the composition in G.

Existence of identity:- let $a \in H \therefore a \in G$ since G is finite and since every element of a finite group is of

S.No	Name of the Student	Signature
1.	G. Eswari	G Eswari
2	G. Swathi	G. Swathi
3	P. Salma	P. Salma
4	G. Malleswari	G. Malleswari
5	Y. Tejeswari	Y. Tejeswari
6	G. Pushpalatha	G. pushpalatha
7	K. Soumya	K. Soumya
8	K. Gnaneswari	K. Gnaneswari
9	V. Sailaja	V. Sailaja
10	P. Habeeba	P. Habeeba
11	V. Madhavi	V. Madhavi
12	M. pushpalatha	M. pushpalatha
13	M. Nagaraju	M. Nagaraju
14	D. Deepthi	D. Deepthi
15	K. Charan Kumar	K. Charan Kumar
16	T. Mahesh	T. Mahesh
17	S. Abdul Khadeer	S. Abdul Khadeer

Govt. Degree College: Uravakonda

NAAC with "B" Grade

Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**A.AFRIN TAJ**
Group	**B.Sc., MPCs**
Year & Semester	**III Year, V SEM**
Subject	**Multiple Integrals and Applications**
Topic	**Gauss Divergence Theorem**
Date	**06/01/2023**
Name of the Lecturer	**M. Ramesh**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**

Gauss's Divergence theorem :-

Let 'S' be a closed surface enclosed a volume V. If f is a continuously differentiable vector point function, then $\int_V \text{div} F \, dV = \int_S F \cdot N \, dS$

(A.U. M14. SK.U M13, M14, O.U. M15, 11, A.N.U. 11, 04, 95, S.V. M14, M12, 000, 01)

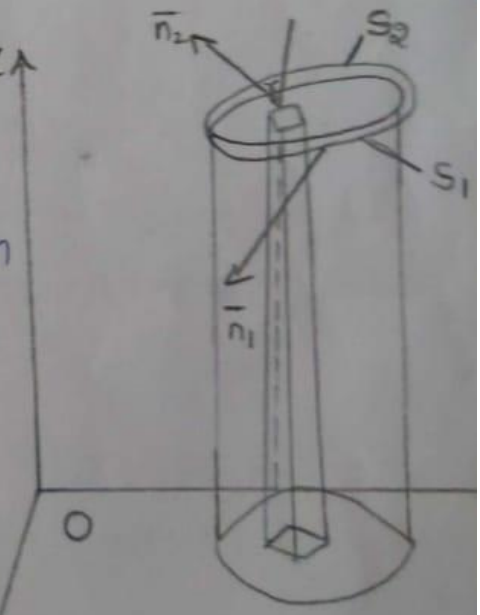
where N is the outward drawn unit normal vector at any point of S.

*. Cartesian form :-

Let $F = F_1 i + F_2 j + F_3 k$ and $N = i \cos\alpha + j \cos\beta + k \cos\gamma$

where $\cos\alpha, \cos\beta, \cos\gamma$ are the direction cosines of

$F \cdot N = F_1 \cos\alpha + F_2 \cos\beta + F_3 \cos\gamma$



Also $\text{div} F = \nabla \cdot F = \frac{\partial F_1}{\partial x} + \frac{\partial F_2}{\partial y} + \frac{\partial F_3}{\partial z}$

Hence the divergence theorem can be written as

$$\iiint \left[\frac{\partial F_1}{\partial x} + \frac{\partial F_2}{\partial y} + \frac{\partial F_3}{\partial z} \right] dx\,dy\,dz$$

$$= \int_S (f_1 \cos\alpha + f_2 \cos\beta + F_3 \cos\gamma)\, dS$$

$$= \iint_S (F_1\, dy\, dz + f_2\, dz\, dx + F_3\, dx\, dy)$$

S.NO	Name of the Student	Signature
1.	E. Siddappa	E. Siddappa.
2.	B. Rudraiah	B. Rudraiah
3	G. KUMAR	G. KUMAR
4	P. Lakshmi	P. Lakshmi
5	D Pavan Kumar	D. Luf
6	P. Lakshmi	P. Lakshmi
7	D. Saritha	D. Saritha
8	K. Sunitha	K. Sunitha
9	A. Mallika	A. Mallika
10	J. Hemalatha	J. Hemalatha
11	B. Jyothi	B. Jyothi
12	B.M. Bharathi	B.M. Bharathi
13	K. Kavya	K. Kavya
14	P. Ramadevi	P. Ramadevi
15	C. Narendrababu	C. Narendrababu
16	A. Tejaswini	A. Tejaswini
17	K. Afroza	K. Afroza

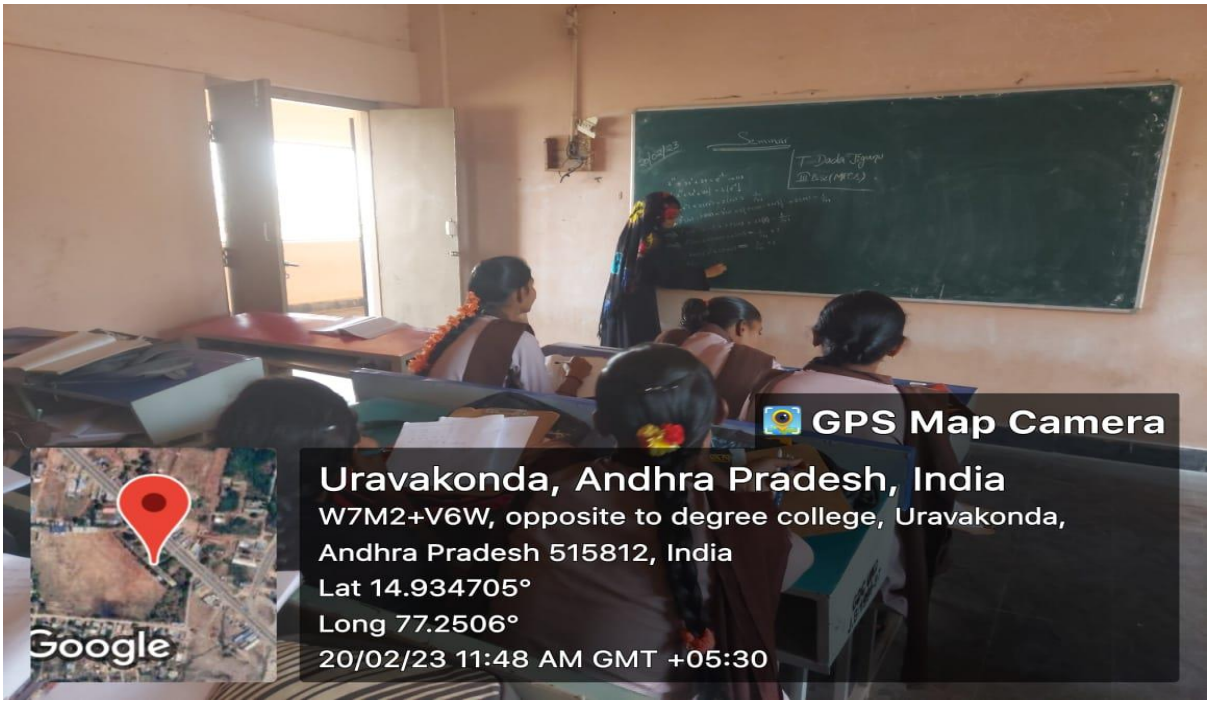
Govt. Degree College: Uravakonda

NAAC with "B" Grade

Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**T. Dada jigunu**
Group	**B.Sc., MPCs**
Year & Semester	**III Year, V SEM**
Subject	**Integral Transforms and Applications**
Topic	**First Shifting Theorem**
Date	**20/02/2023**
Name of the Lecturer	**B. Siva Prasad**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**



Name : Dada Jigunu
Class : III MPCs (V sem)
Topic : First shifting theorm
College : Govt. Degree College Uravakonda.

Definition :-

Let a function $F(t)$ be continuous and defined for all positive values of t. The Laplace transformation or Laplace transform of $F(t)$ is defined by $L[F(t)] = \int_0^\infty e^{-Pt} F(t)\,dt$ where p is a parameter, and the transform is denoted by $f(p)$ or $\bar{F}(p)$.

First Translation OR shifting Thoerm

Thoerm :- If $L(F(t)] = f(p)$ then (i) $L[e^{-at}F(t)] = f(p+a)$ (ii) $L(e^{at}F(t)] = f(p-a)$

Proof :- (i) By definition, $L(F(t)] = \int_0^\infty e^{-Pt} F(t)\,dt$

$L[e^{-at}F(t)] = \int_0^\infty e^{-Pt} e^{-at} F(t)\,dt = \int_0^\infty e^{-(P+a)t} F(t)\,dt$

$= \int_0^\infty e^{-ut} F(t)\,dt$ where $u = p+a = f(u) = F(P+a)$

Hence $L(e^{-at}F(t)] = f(P+a)$

(ii) Similarly we can proove that $L(e^{at}F(t)] = f(P-a)$

Note :- This thoerm is referred to as the "shifting thoerem" because multiplication of the given function $F(t)$ by e^{-at} changes the variable "p" of the transform into "p+a".

S.NO	Name of the Student	Signature
1.	E. Siddappa	E. Siddappa.
2.	B. Rudraiah	B. Rudraiah
3	G. Kumar	G. Kumar
4	P. Lakshmi	P. Lakshmi
5	D Pavan Kumar	D. Luf
6	P. Lakshmi	P. Lakshmi
7	D. Saritha	D. Saritha
8	K. Sunitha	K. Sunitha
9	A. Mallika	A. Mallika
10	J. Hemalatha	J. Hemalatha
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17	K. Afroza	K. Afroza

GOVERNMENT DEGREE COLLEGE

URAVAKONDA - 515 812

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DEPARTMENT OF MATHEMATICS

STUDENTS SEMINAR 2022-23

Govt. Degree College: Uravakonda

NAAC with "B" Grade

Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**T. Yerri Swamy**
Group	**B.Sc., MSCs**
Year & Semester	**I Year, I SEM**
Subject	**Differential Equations**
Topic	**Exact Differential Equations**
Date	**03/01/2023**
Name of the Lecturer	**M. Ramesh**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**

Name : T. Yerriswamy
Group :- MPCS

Exact Linear differential Equation

$Mdx + Ndy = 0$

Where M and N are functions of x, y then

$\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$ is called Exact differential equation.

Method of Solving :-

* find $\frac{\partial M}{\partial y}$ & $\frac{\partial N}{\partial x}$

* $\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$ Exact differential Eq?

* General Sol : $\int Mdx + \int N$ (without involving x) $dy + C$

Example : Solve $(x+2y-3)dy - (2x-y+1)dx = 0$.

Sol) Given ; $(x+2y-3)dy - (2x-y+1)dx$

$\Rightarrow -(2x-y+1)dx + (x+2y-3)dy = 0$

$\frac{\partial M}{\partial y} = \frac{\partial(-2x+y-1)}{\partial y} = -1 \quad \frac{\partial N}{\partial x} = \frac{\partial(x+2y-3)}{\partial x} = 1$

General Sol : $\int Mdx + \int Ndy + C$

$= \int(-2x+y-1)dx + \int(2y+3)dy + C$

$= -x^2 + xy - x + y^2 - 3y = C$

required Exact diff Eq?

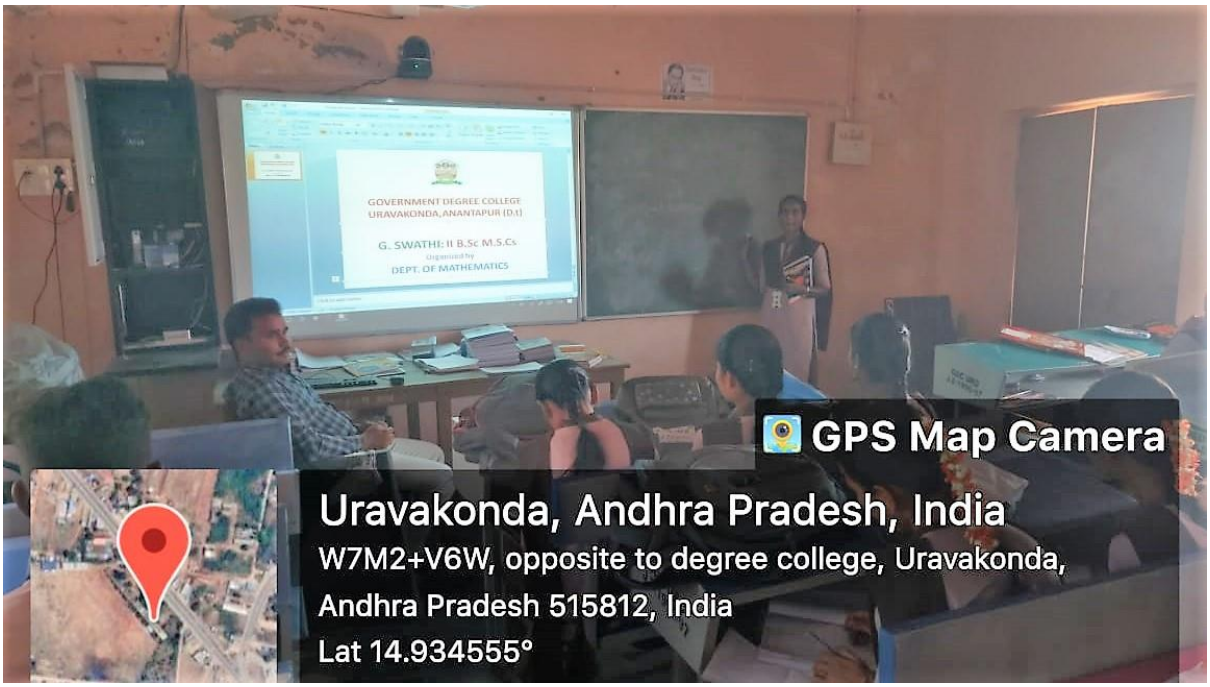
	Name of the Student	Signature
1	D. Shanthi	D. Shanthi
2	V. Durga	V. Durga
3.	K. mounika	K. Mounika
4.	Y. Shivani	Y. Shivani
5.	N. Dhanalakshmi	N. Dhanalakshmi
6	G. Padmaja	G. Padmaja
7	T. Aswini	T. Aswini
8.	A. manoj	A. Manoj
9	K. Keshava	K. Keshava
10.	P.S mubin Taz	P.S Mubin Taz.
11.	M. Nandhi	M. Nandhini
12	B. Akhila	B. Akhila.
13	M Gayathri	M. Gayathri.

Govt. Degree College: Uravakonda

NAAC with "B" Grade
Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**G. SWATHI**
Group	**B.Sc., MSCs**
Year & Semester	**II Year, III SEM**
Subject	**Abstract Algebra**
Topic	**Groups**
Date	**23/12/2022**
Name of the Lecturer	**B. Siva Prasad**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**



G. Swathi
IInd BSc (MSCS)

Group :-

Here, 'G' is a non-empty set and o is a binary operation on G. ⇒ [such that the following properities] are satisfied then (G,o) is a group

1. [closed law] $a,b \in G \quad aob \in G$
2. [associative law] $ao(boc)$ then $ao(boc) \; (aob)oc$
3. [Identity law] then there exist an element $e \in G$

   $\Rightarrow aoe = eoa = a \quad \forall a \in G$
4. $\Rightarrow b \in G \quad \Rightarrow aob = boa = e$

Abelian / commutative group :-

(G,o) is a group, $a,b \in G$ such that $aob = boa$ then (G,o) is a commutative (or) abelian group.

show that $G = \{ x / x = 2^a \cdot 3^b, a,b \in \mathbb{Z} \}$ is a group under multiplication

Given,

$$G = \{ x / x = 2^a \cdot 3^b, a,b \in Z \}$$

$x,y,z \in G \Rightarrow x = 2^a 3^b, \; y = 2^c 3^d, \; z = 2^e 3^f$

where, $a,b,c,d,e,f \in Z$

closure property :-

$x,y \in G \Rightarrow x.y \in G$

No	Name of the Student	Signature
1	G. pushpalatha	G. Pushpalatha
2	G. Swathi	G. Swathi
3	G. Eswari	G. Eswari
4	U. Madhavi	U. Madhavi
5	G. Malleswari	G. Malleswari
6	P. Salma	P. Salma
7	K. Gnaneswari	K. Gnaneswari
8	K. Soumya	K. Soumya
9	P. Habeeba	P. Habeeba
10	U. Sailaja	U. Sailaja
11	M. pushpalatha	M. pushpalatha
12	D. Deepthi	D. Deepthi
13	M. Nagaraju	M. Nagaraju
14	K. Charan kumar	K. Charan Kumar
15	T. Mahesh	T. Mahesh
16	J. Rajendra	J. Rajendra
17	S. Seenu	S. Seenu
18	G. Suresh	G. Suresh
19	S. Abdul Khadeer	S. Abdul Khadeer
20	A. Mohammad Rafeeq	A. Mohammad Rafeeq

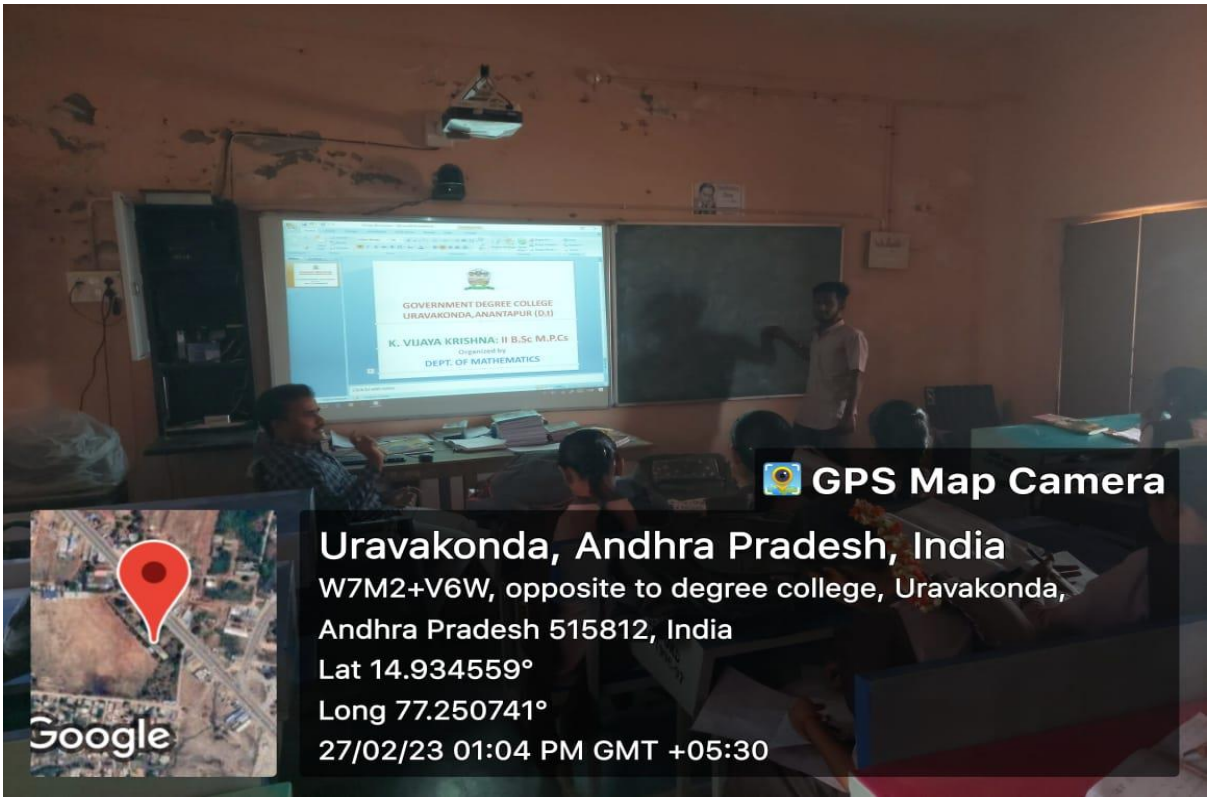
Govt. Degree College: Uravakonda

NAAC with "B" Grade

Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**K. Vijaya Krishna**
Group	**B.Sc., MPCs**
Year & Semester	**II Year, III SEM**
Subject	**Abstract Algebra**
Topic	**Sub Group**
Date	**27/02/2023**
Name of the Lecturer	**B. Siva Prasad**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**



NAME:- K. Vijaykrishna

GROUP: 2nd BSc [MPCS] III Semester

SUBGROUPS :-

Definition:- Let $(G, \cdot)$ be a group let H be a non-empty subset of G such that $(H, \cdot)$ be a group. Then H is called a subgroup of G.

Theorem:- A non-empty subset H of a finite group G is a subgroup if $a \in H, b \in H \Rightarrow ab \in H$.

Proof:- The condition is necessary

Let H be the a g subgroup of a finite group G. Then H is closed w.r.t the composition in G.

$\therefore a \in H, b \in H \Rightarrow ab \in H$

The condition is sufficient.

H is a non-empty subset (complex of G) of a finite group G such that

$$a \in H, b \in H \Rightarrow ab \in H$$

now we have to prove that H is a subgroup of G.

associativity:- since H is a subset of G all the elements of H are the elements of G and hence associativity is true in H w.r.t the composition in G.

Existence of identity:- let $a \in H \therefore a \in G$ since G is finite and since every element of a finite group is of

S.No	Name of the Student	Signature
1.	G. Eswari	G Eswari
2	G. Swathi	G. Swathi
3	P. Salma	P. Salma
4	G. Malleswari	G. Malleswari
5	Y. Tejeswari	Y. Tejeswari
6	G. Pushpalatha	G. pushpalatha
7	K. Soumya	K. Soumya
8	K. Gnaneswari	K. Gnaneswari
9	V. Sailaja	V. Sailaja
10	P. Habeeba	P. Habeeba
11	V. Madhavi	V. Madhavi
12	M. pushpalatha	M. pushpalatha
13	M. Nagaraju	M. Nagaraju
14	D. Deepthi	D. Deepthi
15	K. Charan Kumar	K. Charan Kumar
16	T. Mahesh	T. Mahesh
17	S. Abdul Khadeer	S. Abdul Khadeer

Govt. Degree College: Uravakonda

NAAC with "B" Grade

Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**A.AFRIN TAJ**
Group	**B.Sc., MPCs**
Year & Semester	**III Year, V SEM**
Subject	**Multiple Integrals and Applications**
Topic	**Gauss Divergence Theorem**
Date	**06/01/2023**
Name of the Lecturer	**M. Ramesh**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**

Gauss's Divergence theorem :-

Let 'S' be a closed surface enclosed a volume V. If f is a continuously differentiable vector point function, then $\int_V \text{div} F \, dV = \int_S F \cdot N \, dS$

(A.U. M14. SK.U M13, M14, O.U. M15, 11, A.N.U. 11, 04, 95, S.V. M14, M12, 000, 01)

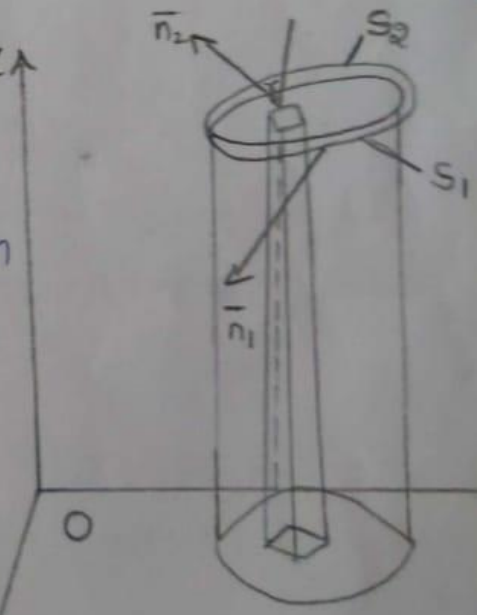
where N is the outward drawn unit normal vector at any point of S.

*. Cartesian form :-

Let $F = F_1 i + F_2 j + F_3 k$ and $N = i \cos\alpha + j \cos\beta + k \cos\gamma$

where $\cos\alpha, \cos\beta, \cos\gamma$ are the direction cosines of

$F \cdot N = F_1 \cos\alpha + F_2 \cos\beta + F_3 \cos\gamma$



Also $\text{div} F = \nabla \cdot F = \frac{\partial F_1}{\partial x} + \frac{\partial F_2}{\partial y} + \frac{\partial F_3}{\partial z}$

Hence the divergence theorem can be written as

$$\iiint \left[\frac{\partial F_1}{\partial x} + \frac{\partial F_2}{\partial y} + \frac{\partial F_3}{\partial z} \right] dx\,dy\,dz$$

$$= \int_S (f_1 \cos\alpha + f_2 \cos\beta + F_3 \cos\gamma)\, dS$$

$$= \iint_S (F_1\, dy\, dz + f_2\, dz\, dx + F_3\, dx\, dy)$$

S.NO	Name of the Student	Signature
1.	E. Siddappa	E. Siddappa.
2.	B. Rudraiah	B. Rudraiah
3	G. KUMAR	G. KUMAR
4	P. Lakshmi	P. Lakshmi
5	D Pavan Kumar	D. Luf
6	P. Lakshmi	P. Lakshmi
7	D. Saritha	D. Saritha
8	K. Sunitha	K. Sunitha
9	A. Mallika	A. Mallika
10	J. Hemalatha	J. Hemalatha
11	B. Jyothi	B. Jyothi
12	B.M. Bharathi	B.M. Bharathi
13	K. Kavya	K. Kavya
14	P. Ramadevi	P. Ramadevi
15	C. Narendrababu	C. Narendrababu
16	A. Tejaswini	A. Tejaswini
17	K. Afroza	K. Afroza

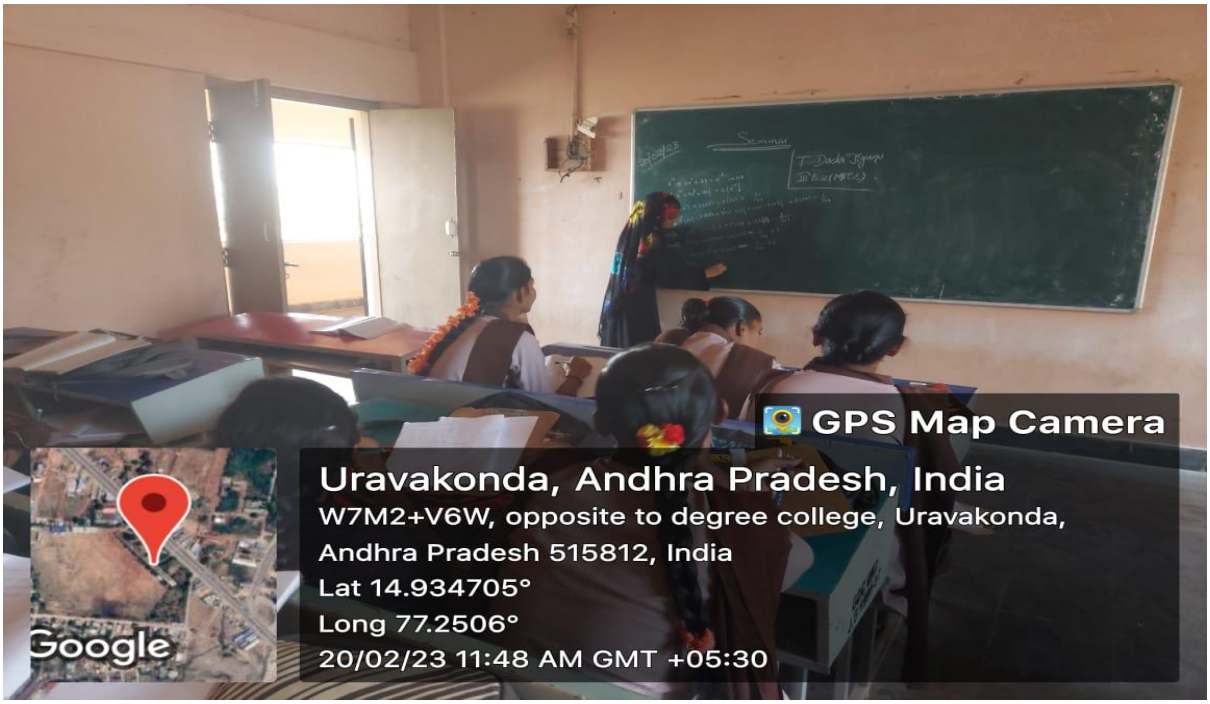
Govt. Degree College: Uravakonda

NAAC with "B" Grade

Dept. of Mathematics

Activity: Student Seminar

Name of the Student	**T. Dada jigunu**
Group	**B.Sc., MPCs**
Year & Semester	**III Year, V SEM**
Subject	**Integral Transforms and Applications**
Topic	**First Shifting Theorem**
Date	**20/02/2023**
Name of the Lecturer	**B. Siva Prasad**
Impression	**Average ( ) Good( ) Very Good( ) Excellent( )**



Name : Dada Jigunu
Class : III MPCs (V sem)
Topic : First shifting theorm
College : Govt. Degree College Uravakonda.

Definition :-

Let a function $F(t)$ be continuous and defined for all positive values of t. The Laplace transformation or Laplace transform of $F(t)$ is defined by $L[F(t)] = \int_0^\infty e^{-Pt} F(t)\,dt$ where p is a parameter, and the transform is denoted by $f(p)$ or $\bar{F}(p)$.

First Translation OR shifting Thoerm

Thoerm :- If $L(F(t)] = f(p)$ then (i) $L[e^{-at}F(t)] = f(p+a)$ (ii) $L(e^{at}F(t)] = f(p-a)$

Proof :- (i) By definition, $L(F(t)] = \int_0^\infty e^{-Pt} F(t)\,dt$

$L[e^{-at}F(t)] = \int_0^\infty e^{-Pt} e^{-at} F(t)\,dt = \int_0^\infty e^{-(P+a)t} F(t)\,dt$

$= \int_0^\infty e^{-ut} F(t)\,dt$ where $u = p+a = f(u) = F(P+a)$

Hence $L(e^{-at}F(t)] = f(P+a)$

(ii) Similarly we can proove that $L(e^{at}F(t)] = f(P-a)$

Note :- This thoerm is referred to as the "shifting thoerem" because multiplication of the given function $F(t)$ by e^{-at} changes the variable "p" of the transform into "p+a".

S.NO	Name of the Student	Signature
1.	E. Siddappa	E. Siddappa.
2.	B. Rudraiah	B. Rudraiah
3	G. Kumar	G. Kumar
4	P. Lakshmi	P. Lakshmi
5	D Pavan Kumar	D. Luf
6	P. Lakshmi	P. Lakshmi
7	D. Saritha	D. Saritha
8	K. Sunitha	K. Sunitha
9	A. Mallika	A. Mallika
10	J. Hemalatha	J. Hemalatha
11	B. Jyothi	B. Jyothi
12	B.M. Bharathi	B.M. Bharathi
13	K. Kavya	K. Kavya
14	P. Ramadevi	P. Ramadevi
15	C. Narendrababu	C. Narendrababy
16	A. Tejaswini	A. Tejaswini
17	K. Afroza	K. Afroza

GOVERNMENT DEGREE COLLEGE

URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)

Affiliated to S K. University, Ananthapuramu

DEPARTMENT OF MATHEMATICS

REMEDIAL CLASSES

SEMESTER-V

2022-23

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

DEPARTMENT MINUTES

A meeting was conducted among the members of Mathematics department on06/01/2023 at 2:00 PM.

The following matters were discussed and resolved

1. To conduct remedial class III and V semesters

2. To conduct the student seminars, quiz and group discussions

3. To conduct assignments

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Members:

1). B. Siva Prasad

2). M. Ramesh

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

PERMISSION LETTER

To,
The Principal,
Government Degree College,
Uravakonda.

Respected Sir,

Sub: The Department of Mathematics – Request for Permission – Remedial Classes — Reg.

Keeping in view the importance of Remedies Classes, the Department of Mathematics wishes to start Remedial Classes with the duration of 12 Days in Semester-5, 2022-23. In this regard, permission may be accorded to start Remedial Classes.

Thanking you sir,

Yours faithfully,

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

CIRCULAR

All the 5th Semester students are here by informed that the Department of Mathematics will start Remedial Classes of Semester-5, on 17/01/2023. .

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Principal
PRINCIPAL
GOVT.DEGREE COLLEGE
URVAKONDA

Introduction:

Coaching Objectives:

A remedial coaching is to be organized as a fifteen days intensive coaching for students who have fallen behind intheir studies and failed in concerned paper I every semester before the commencement of the supplementary exams. The main objective of the coaching is to join the students along with advanced learners.

The syllabus for the coaching is framed according to their standards so that they the subjects as a result they would pass in failed subjects.

The ultimate aim of remedial coaching is to help pupils who have fallen behind to learn to the best of their ability and to bring them back into the mainstream classes as far as possible.

Staff from mathematics department are involved in the remedial coaching.

Students are to be classified based on their performance as advanced learners, moderate learners and slow learners. The Remedial coaching will be given to slow and moderate learners whose performance is least semester exams conducted by affliated universities.

The test will be conducted at the end of the coaching to assess their performance.

GOVERNMENT DEGREE COLLEGE, URAVAKONDA

DEPARTMENT OF MATHEMATICS

Analysis of students – Grouping of students into Slow, Moderate and Advanced Learners

Course: III B.Sc Group: MPC, MSCs, MPCs Medium: T/E Year: 2022-23

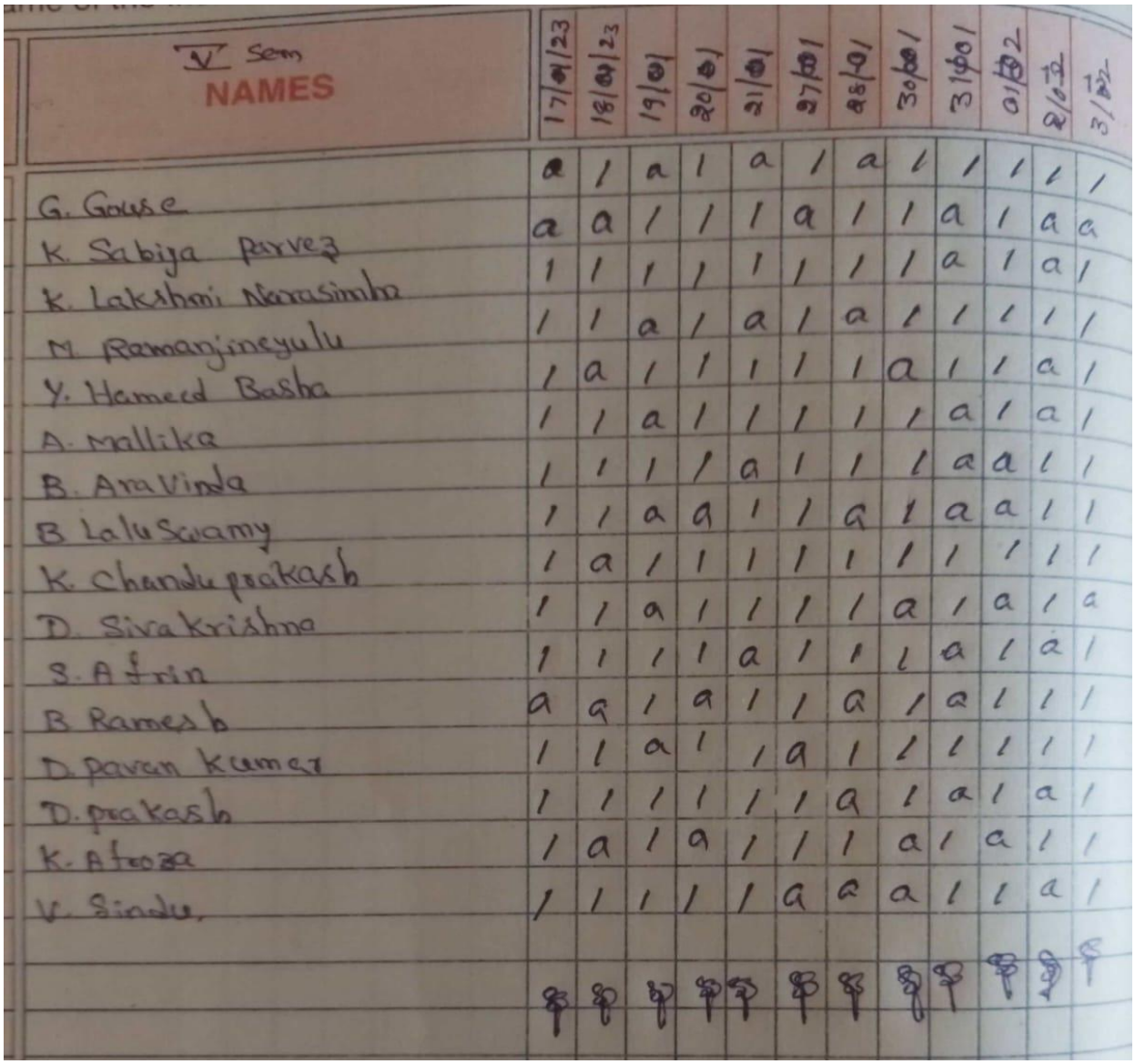
Grouping of Students	Name of the Students	Targeted Approach/ Strategy
Slow Learners	G. Gouse K. Sabiya parvez K. Lakshmi Narashima M. Ramanjineyulu Y. Hamid Basha A. Mallika B. Aravinda B. Laluswamy K. Chandu Prakash D. Siva Krishna S. Afrin B. Ramesh D. Pavan kumar D. Prakash K. Afroja V. Sindhu	➢ Give Important Questions ➢ Make students write the practice exams if with important questions ➢ Regular follow up of marks and attendance ➢ Give moral support
Moderate Learners	E. Siddappa G. Kumar P. Ramadevi J. Mahesh K. Gowsiya B. Rudraiah B. Sudharshan S. S. Khadri	➢ Encourage to get good marks in University Exams ➢ Encourage to read text books ➢ Prepare their own material for university exams ➢ Guide for competitive exams by coaching
Advanced Learners	D. Saritha J. Hemalatha K. Kavya K. Sunitha P. Lakshmi B. Ashwan Jabin A. Tejeswani K. Anitha T. Jaya Sree T. Dada Jigunu S. Shamsad Khadri B. Jyothi	➢ Encourage self-learning methods by use of internet ➢ Prepare for entrance examination ➢ Encourage to solve problems from text book ➢ Prepare for competitive examinations ➢ Encourage to read reference text books

GOVERNMENT DEGREE COLLEGE

URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)

Affiliated to S K. University, Ananthapuramu



V Sem NAMES	17/4/23	18/4/23	19/4	20/4	21/4	27/4	28/4	30/4	31/4	01/5	2/5	3/5
G. Gouse	a	/	a	/	a	/	a	/	/	/	/	/
K. Sabiya Parvez	a	a	/	/	/	a	/	/	a	/	a	a
K. Lakshmi Narasimha	/	/	/	/	/	/	/	/	a	/	a	/
M. Ramanjineyulu	/	/	a	/	a	/	a	/	/	/	/	/
Y. Hameed Basha	/	a	/	/	/	/	/	a	/	/	a	/
A. Mallika	/	/	a	/	/	/	/	/	a	/	a	/
B. Aravinda	/	/	/	/	a	/	/	/	a	a	/	/
B Lalu Swamy	/	/	a	a	/	/	a	/	a	a	/	/
K. Chandu prakash	/	a	/	/	/	/	/	/	/	/	/	/
D. Sivakrishna	/	/	a	/	/	/	/	a	/	a	/	a
S. Afrin	/	/	/	/	a	/	/	/	a	/	a	/
B Ramesh	a	a	/	a	/	/	a	/	a	/	/	/
D. Pavan Kumar	/	/	a	/	/	a	/	/	/	/	/	/
D. prakash	/	/	/	/	/	/	a	/	a	/	a	/
K. Afroza	/	a	/	a	/	/	/	a	/	a	/	/
V. Sindu.	/	/	/	/	/	a	a	a	/	/	a	/

GOVERNMENT DEGREE COLLEGE

URAVAKONDA - 515 812

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Affiliated to S K. University, Ananthapuramu

DEPARTMENT OF MATHEMATICS

REMEDIAL CLASSES

SEMESTER-III

2022-23

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812

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Affiliated to S K. University, Ananthapuramu

DEPARTMENT MINUTES

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The following matters were discussed and resolved

1. To conduct remedial class III and V semesters

2. To conduct the student seminars, quiz and group discussions

3. To conduct assignments

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Members:

1). B. Siva Prasad

2). M. Ramesh

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812

(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

PERMISSION LETTER

To,
The Principal,
Government Degree College,
Uravakonda.

Respected Sir,

Sub: The Department of Mathematics – Request for Permission – Remedial Classes — Reg.

Keeping in view the importance of Remedies Classes, the Department of Mathematics wishes to start Remedial Classes with the duration of 12 Days in Semester-5, 2020-21. In this regard, permission may be accorded to start Remedial Classes.

Thanking you sir,

Yours faithfully,

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

CIRCULAR

All the 5th Semester students are here by informed that the Department of Mathematics will start Remedial Classes of Semester-III on 06/02/2023. .

In charge of the Department
DEPT. OF MATHEMATICS
GOVT. DEGREE COLLEGE
URAVAKONDA - 515812
ANANTAPURAMU (DIST)

Principal
PRINCIPAL
GOVT.DEGREE COLLEGE
URVAKONDA

Introduction:

Coaching Objectives:

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Staff from mathematics department are involved in the remedial coaching.

Students are to be classified based on their performance as advanced learners, moderate learners and slow learners. The Remedial coaching will be given to slow and moderate learners whose performance is least semester exams conducted by affliated universities.

The test will be conducted at the end of the coaching to assess their performance.

GOVERNMENT DEGREE COLLEGE
URAVAKONDA - 515 812
(Accredited by NAAC with B Grade)
Affiliated to S K. University, Ananthapuramu

Analysis of students – Grouping of students into Slow, Moderate and Advanced Learners

Course: II B.Sc Group: MPC, MSCs, MPCs Medium: T/E Year: 2022-23

Grouping of Students	Name of the Students	Targeted Approach/ Strategy
Slow Learners	B. Sai sivani C. Sreelekha G. Suresh K. Gnaneswari K. Vandana Priya K. Noor Basha K. Vijaya Krishna M. Raviteja S. seenu A.M. Rafeeq M. nagaraju P. Vijaya M. Puspalatha	➢ Give Important Questions ➢ Make students write the practice exams if with important questions ➢ Regular follow up of marks and attendance ➢ Give moral support
Moderate Learners	A. Naveen Kumar H. Sreekanth P. Yaswanth U. Sailaja D. Haritha P. Habeeba P. Parimala	➢ Encourage to get good marks in University Exams ➢ Encourage to read text books ➢ Prepare their own material for university exams ➢ Guide for competitive exams by coaching
Advanced Learners	D. Deepthi K. Charan Kumar M. Sekhar U. Madhavi V.N. Gopichand G. Eswari C. Bhuvanachandra M. Vasantha K. Sirisha M. Vasantha	➢ Encourage self-learning methods by use of internet ➢ Prepare for entrance examination ➢ Encourage to solve problems from text book ➢ Prepare for competitive examinations ➢ Encourage to read reference text books

GOVERNMENT DEGREE COLLEGE

URAVAKONDA - 515 812

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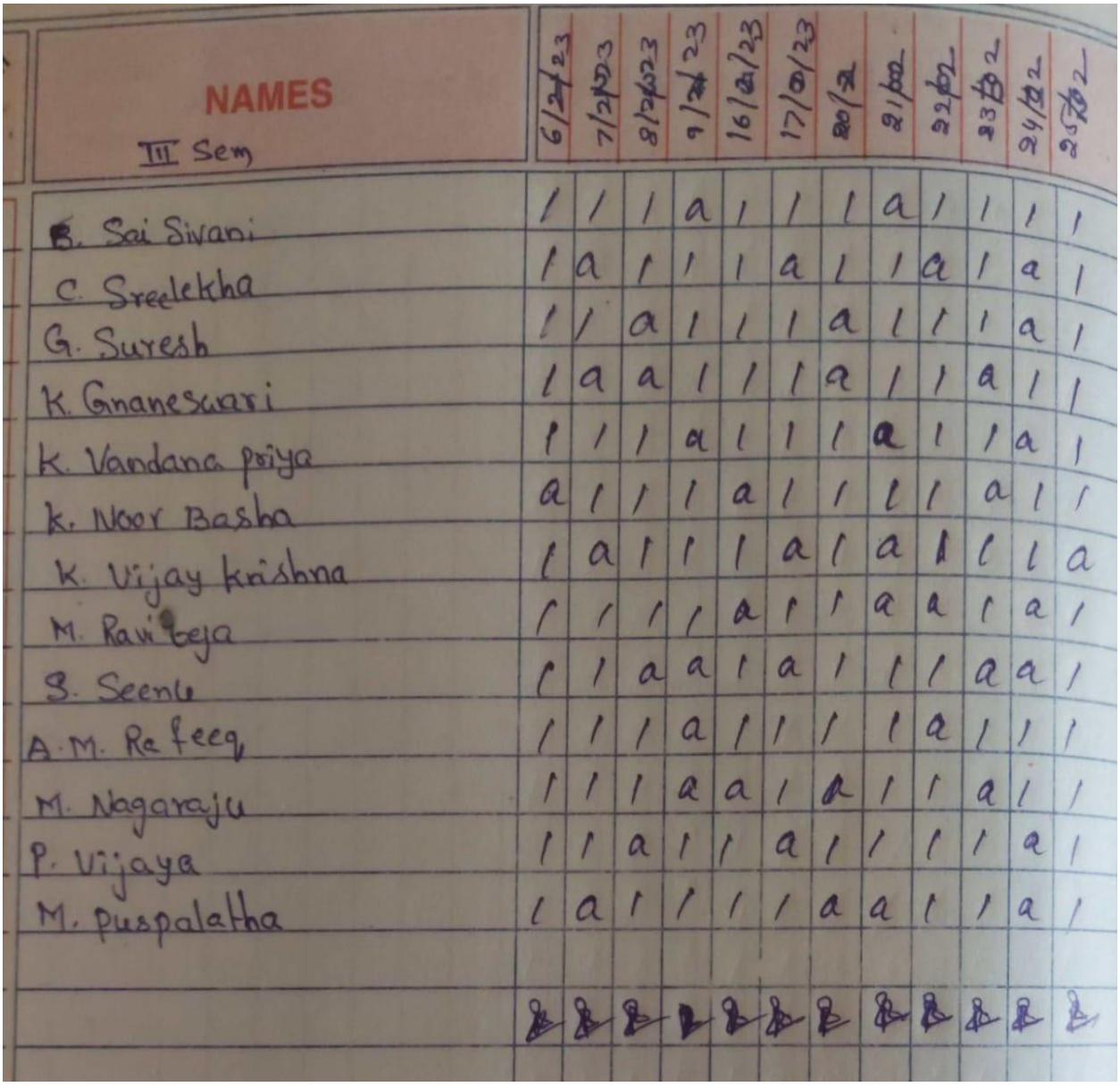

NAMES III Sem	6/2/23	7/2/23	8/2/23	9/2/23	16/2/23	17/2/23	20/2	21/2	22/2	23/2	24/2	25/2
B. Sai Sivani	/	/	/	a	/	/	/	a	/	/	/	/
C. Sreelekha	/	a	/	/	/	a	/	/	a	/	a	/
G. Suresh	/	/	a	/	/	/	a	/	/	/	a	/
K. Gnaneswari	/	a	a	/	/	/	a	/	/	a	/	/
K. Vandana priya	/	/	/	a	/	/	/	a	/	/	a	/
K. Noor Basha	a	/	/	/	a	/	/	/	/	a	/	/
K. Vijay krishna	/	a	/	/	/	a	/	a	/	/	/	a
M. Ravi teja	/	/	/	/	a	/	/	a	a	/	a	/
S. Seenu	/	/	a	a	/	a	/	/	/	a	a	/
A. M. Rafeeq	/	/	/	a	/	/	/	/	a	/	/	/
M. Nagaraju	/	/	/	a	a	/	a	/	/	a	/	/
P. Vijaya	/	/	a	/	/	a	/	/	/	/	a	/
M. Puspalatha	/	a	/	/	/	/	a	a	/	/	a	/