

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) BEGUMPET, HYDERABAD

Department of Mathematics

Memorandum of Understanding With Quest Smart Learning Solutions, Chikkadpally, Hyderabad.

PURPOSE

This Memorandum of Agreement establishes the guidelines for collaboration between Government Degree College for Women[A], Begumpet, Hyderabad and the Quest Smart Learning Solutions for conducting Certificate Course in "Math Magic" for Degree students.

AGREEMENT:

The Government Degree College for Women[A], Begumpet, Hyderabad and Quest Smart Learning Solutions hereby agree to work together to:

- 1. Conduct of Certificate Course in "Math Magic" every year in Government Degree College for Women[A], Begumpet, Hyderabad.
- 2. Organizing workshops on Maths working models.
- 3. Jointly identify and support reporting requirements of each organization.

MEETINGS AND REPORTING

To accomplish these objectives, partners will meet at least once a year for the purposes of program planning and monitoring and evaluating outcomes. Decisions at the meeting will be decided by consensus.

FUNDING AND FINANCIAL RESPONSIBILITIES FOR THE CERTIFICATE COURSE:

Students will pay the fee. The amount will be decided by the college.

DURATION:

This MOU is at-will and may be modified with the mutual consent of the authorized individuals of Government Degree College for Women[A], Begumpet, Hyderabad and Quest Smart Learning Solutions, Chikkadpally, Hyderabad. Once signed by authorized officials of both groups, this MOU will begin 25-02-2021 and remain in effect until 25-02-2027.

For Quest Smart Learning Solutions

Name: E. Chandraiah

Quest Smart Learning Solutions

Date: 25-02-2021

Signed,

PRINCIPAL

GDCW(A), Begumpet, Hyderabad

Date:

25.02.2021



MEMORANDUM OF UNDERSTANDING



BETWEEN

PANTECH PROED PVT. LTD., HYDERABAD

AND DEPARTMENT OF MATHEMATICS,

GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD

This agreement is made on July 1, 2021

This MEMORANDUM OF UNDERSTANDING (MoU) is made and entered into force from July 1, 2021.

BETWEEN

PARTY 1. :PANTECH PROED PVT LTD, having its office at 4th floor, Delta Chambers, Behind Chennai Shopping Mall, Ameerpet, Hyderabad, (Hereinaster called PANTECH PROED PVT LTD which expression shall be used in the context which so admits include its successors and permitted assigns) as one part.

AND

PARTY 2. : DEPARTMENT OF MATHEMATICS, GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD, TELANGANA 500016 (Here in after called COLLEGE, which expression shall be used in the context which so admits includes its successors and permitted assigns) of the other part.

PARTY 1. PANTECH PROED PVT LTD - COMPANY PROFILE

PANTECH PROED PVT LTD is an amalgamation of best practices and competencies brought in by leading professionals on some of the most renowned names of the corporate world. Knowledge drives us over the past decades; PANTECH PROED PVT LTD has provided specialized knowledge services to a wide range of industry verticals. This puts us in a unique position where we are able to not only deliver cutting edge solutions but also help build in-house competencies of our clients, be it in the knowledge services domain or a part of our enterprises services.

Our R&D staff with rich and vivid experience work round the clock with innovative skills, updated software technologies and perfect interpersonal learning, which makes this division an unique one. Our researchers utilize advanced search techniques, and carry out research on many search engines and other search tools on the World Wide Web. We undertake all kinds of custom research needs also.

PANTECH PROED PVT LTD holds a very close tie-up with most of the institutions. It's one of the best approved companies in Hyderabad for students In-Plant Training, FDP, Internship Training, Final Year projects, Placement Training Technology and Training.

PARTY2. DEPARTMENT OF MATHEMATICS, GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD

College Profile:

Government Degree College for Women, Begumpet, and Hyderabad was established in 1971. It is located centrally at Begumpet and caters to the needs of the girl students of twin cities and also the nearby districts. The college provides university education to deserving candidates in a secular atmosphere and is committed to serve the economically weak, socially underprivileged and needy students. During the last four decades the college has grown from strength to strength and presently helps about 3676 students to access higher education. With an objective of "Empowerment of Women through Knowledge", the college helps the students to become truly empowered citizens. The college celebrated its Silver Jubilee in 1996.

Keeping in tune with the changing needs of the society, new courses are being introduced from time to time. Since1994, three Vocational courses and several restructured Courses have been introduced. PG Courses like M.Sc. Chemistry, M.A English, M.A Economics, M.Com and M.Sc Mathematics.

Recognizing the potential of the college the UGC has conferred autonomous status to the college in the year 2012. As such the first year students admitted into UG programme will conform to the autonomous pattern of education.

The college has two floors with spacious class rooms and laboratories, a good Library with a Reference section and a Reading Room. Telangana Skill & Knowledge Centre

(TSKC), the Computer Centre, the Health centre, the Gymnasium, the MANA TV and the Audio-Visual Department are the other supporting services provided by the college. During the academic year 2016-2017, the college was assessed and re-accredited by NAAC with B+ grade (securing CGPA 2.64 (3rd Cycle)).

There are about fifty experienced teaching Staff, a Librarian, a Physical Director and Computer Instructors. Most of our lecturers received Best teacher Awards from the Government of Andhra Pradesh and other organizations. The Administrative Officer and the twenty members of Non-Teaching Staff help in the maintenance and smooth functioning of the college. The overall academic, administrative and financial responsibility of the college is vested with the Principal.

DEPARTMENT OF MATHEMATICS was established in 1971. Year of establishment of various courses in B.Sc., MATHEMATICS are as follows.

| B.Sc., M.P.C. | 1971 |
|------------------|------|
| B.Sc., M.S.Cs. | 1995 |
| B.Sc., M.P.Cs. | 2016 |
| B.Sc., M.C.Cs. | 2019 |
| B.Sc., M.Eco.S. | 2019 |
| B.Sc., M.Ele.Cs. | 2019 |
| B.Sc., M.S.Ds. | 2020 |
| B.Sc., M.P.S. | 2020 |
| B.Sc., M.Eco.Cs. | 2020 |

Every year hundreds of students are successfully completing their B,Sc., in mathematics and entering into higher education or career in private or government sector.

For the faculty members of **DEPARTMENT OF MATHEMATICS**, teaching is not only a profession but a passion. It has an outstanding academic track record of securing PG ranks from Osmania University in the college. Each and every faculty member interacts well with students and motivates them to pursue higher education. Faculty members identify the learners needs through assessment tests and interaction.

Steps are being taken to explore the originality hidden among students to have a sound knowledge leading to research bent of mind in Mathematics through various activities like student projects, arranging Workshops ,guest lectures by eminent professors and scientists from National laboratories, organizing field trips etc.

MoU between PANTECH PROED PVT LTD and GOVERNMENTDEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD:

After studying the strengths and objectives, PANTECH PROED PVT LTD and GOVERNMENTDEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD, agreed that they can share the expertise available at both ends for mutual benefits in the field of education, training, scientific and industrial research and enter in MoU. Based on the discussion held among the faculty of the DEPARTMENT OF MATHEMATICS, certain thematic areas/programmes have been identified for mutual collaboration.

The Memorandum of Understanding envisages the following:

M.1. Collaborative technical and development activities in the fields of education and training are listed below. The following activities will be carried out between PANTECH PROED PVT LTD and the DEPARTMENT OF MATHEMATICS OF GOVERNMENTDEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD

- a) Certificate courses in MATLAB, R SOFTWARE, PYTHON, LATEX etc.
- b) Trainings, Internships
- c) Workshops
- d) Student projects.
- e) Placement Guidance.
- f) Seminars on recent developments in the field of Software.
- g) Imparting on training to faculty on selected areas. Providing opportunity to students to work with the technology available at PANTECH PROED PVT LTD
- h) Resource Sharing.
- i) To do research and development work
- j) Consultancy work

All the above activities will be done.

M.2. Industrial visits and project work for the students to be carried out at PANTECH PROED PVT LTD, if the training projects and infra- structure facilities available at PANTECH PROED PVT LTD, fits the requirement of the students of GOVERNMENTDEGREE COLLEGE FOR WOMEN (A), BEGUMPET, and HYDERABAD.

M.3. PANTECH PROED PVT LTD and GOVERNMENTDEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD shall share facilities such as

computers, sophistical equipment, instrument etc and library facilities according to rules and regulations of each institution.

- M.4. Exchange programme enabling the faculty members of the DEPARTMENT OF MATHEMATICS of GOVERNMENTDEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD, to work for short periods in PANTECH PROED PVT LTD and the faculty of PANTECH PROED PVT LTD, to serve as visiting faculty for guidance in the development program of mutual interest and conduct of intensive course.
- M.5. Design and Development of curriculum in new areas of Science and Technology, particularly with long & short term courses which will benefit the faculty members of the DEPARTMENT OF MATHEMATICS of GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), BEGUMPET, HYDERABAD
- M.6. Organizing of conferences, Seminars, Symposia, Workshop and refresher courses for the students as collaborative effort at either PANTECH PROED PVT LTD or at GOVERNMENTDEGREE COLLEGE FOR WOMEN(A), BEGUMPET, HYDERABAD.

M.7. AMENDMENTS

No amendment or modification of the MOU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MOU. The modification/changes shall be effective from the date on which they are made or executed, unless otherwise agree to.

M.8. DURATION OF MOU

The duration of this MOU shall be for 5 years from the date of signing of the MOU. The MOU shall stand renewed automatically unless desired otherwise by either party.

IN WITNESS OF THE UNDERSIGNED, duly authorized there to, have signed this memorandum of understanding on July 1, 2021 in two originals.

Hyd-16

DIRECTOR MARKETING PANTECH PROED PVT LTD HYDERABAD- 500 016 FOR WOMEN (A), BEGUMPET,

Witness

Witness

GOVERNMENT DEGREE COLLEGE FOR WOMEN

(AUTONOMOUS), BEGUMPET, HYDERABAD



DEPARTMENT OF MATHEMATICS

| S.No. | MoUs | Activities | Dates | No.of students |
|-------|-------------------|--------------|------------|----------------|
| | | | | participated |
| 1. | Pantech | A FIVE DAY | 01.12.2021 | 45 |
| | Technologies Pvt. | WORK SHOP | ТО | |
| | Ltd. | ON PYTHON | 06.12.2021 | |
| | OLIECT CMART | A ONE | 09.12.2021 | 126 |
| 2. | QUEST SMART | MONTH | To | 126 |
| | | CERTIFICATE | 31.01.2022 | |
| | | COURSE | 31.01.2022 | |
| | | IN | | |
| | | ORAL | | |
| | | COMPUTATION | | |
| | | SKILLS | | |
| | | | | |

A FIVE DAY WORK SHOP

ON

PYTHON

REPORT

DATE: 01.12.2021 TO 06.12.2021

PARTICIPANTS:

Students of B.Sc., Mathematics final year

NUMBER OF PARTICIPANTS: 45

RESOURCE PERSON: Miss Divya

Pantech Technologies Pvt. Ltd.

OBJECTIVE:

To provide basic knowledge and training in Python, the most popular programming language in the world in recent years.

What is Python?

Python is an interactive, object-oriented programming language. It is a high-level, interpreted, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation. It incorporates modules, exceptions, dynamic typing, very high level dynamic data types, and classes. It supports multiple programming paradigms beyond object-oriented programming, such as procedural and functional programming. Python is often used as a support language for software developers, for build control and management, testing, and in many other ways.

Why Python?

Python has become one of the most popular programming languages in the world in recent years. It's used in everything from machine learning to building websites and software testing. It can be used by developers and non-developers alike.

Python has created everything from Netflix's recommendation algorithm to the software that controls self-driving cars. It is designed to be used in data science, task automation, software and web development.

Further, Python is a computer programming language often used to build websites and software, automate tasks, and conduct data analysis. Python being a general-purpose language, can be used to create a variety of different programs and isn't specialized for any specific problems. This versatility, along with its beginner-friendliness, has made it one of the most-used programming languages today. A survey conducted by an industry analyst firm found that it

was the second-most popular programming language among developers in 2021.

What are the uses of Python?

Python

is often used as a support language for software developers, for build control and management, testing, and in many other ways. Python is used in

- Data analysis and machine learning
- Web development
- Automation or scripting
- Software testing and prototyping
- Everyday tasks

Python has become a staple in data science, allowing data-analysts and other professionals to use the language to conduct complex statistical calculations, create data visualizations, build machine learning algorithms, manipulate and analyze data, and complete other data-related tasks.

Python is also used for data analysis, and data visualization. Python can build a wide range of different data visualizations, like line and bar graphs, pie charts, histograms, and 3D plots. Python also has a number of libraries that enable coders to write programs for data analysis and machine learning more quickly and efficiently.

Since it is relatively easy to learn, Python has been adopted by many non-programmers such as accountants and scientists, for a variety of everyday tasks, like organizing finances.

SCHEDULE OF THE WORKSHOP:

DAY I, 01.12.2021

Session I: Inaugural session; About Python language and it's uses

Session II: How to install Python- environmental setup

DAY 2, 02.12.2021

Session I: Basic syntax

Session II: Hands on session

DAY 3, 03.12.2021

Session I: Variable types Session II: Hands on session

DAY 4, 04.12.2021

Session II: Basic operators
Session IV: Hands on session

DAY 5, 06.12.2021

Session I: Decision making and Loops

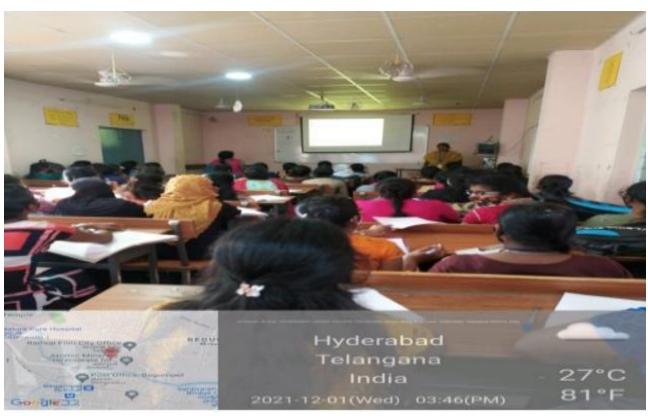
Session II: Hands on session and valedictory session.



DAY 1: INAUGURAL SESSION



DAY 1: INAUGURAL SESSION



DAY 1: SESSIONS ON AN OVERVIEW OF PYTHON LANGUAGE





DAY-2: HANDS-ON SESSION ON BASIC SYNTAX



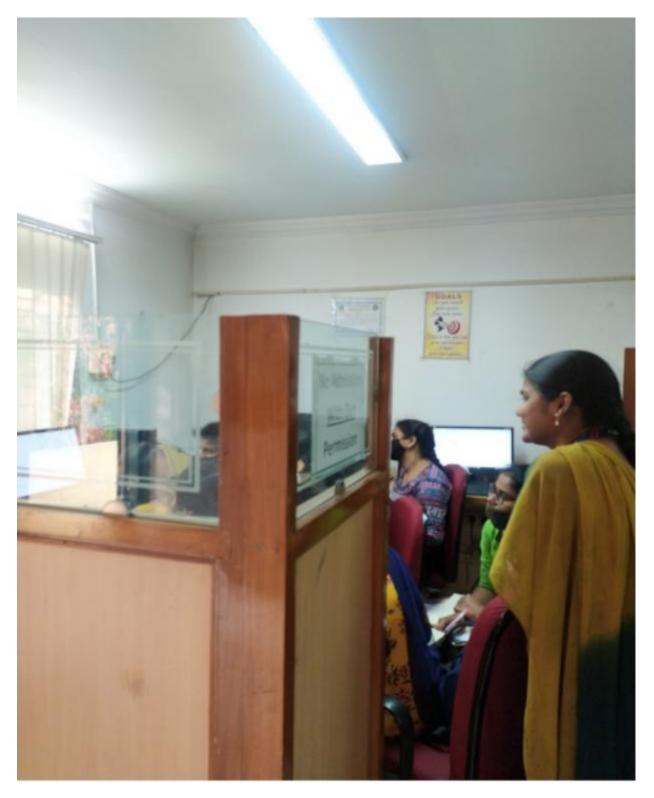
DAY-2: HANDS-ON SESSION ON BASIC SYNTAX





DAY-3: HANDS-ON SESSION ON VARIABLE TYPES





DAY-4: HANDS-ON SESSION ON BASIC OPERATORS AND CONDITIONAL LOGIC



DAY-5: HANDS-ON SESSION ON LOOPING AND FUNCTIONS





OUTCOMES: After completion of the workshop, students gained basic knowledge and basic training in Python language to build basic programs

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET

HYDERABAD



DEPARTMENT OF MATHEMATICS

A ONE MONTH CERTIFICATE COURSE

IN

ORAL COMPUTATION SKILLS

DATE: 09.12.2021 To 31.01.2022

PARTICIPANTS: B.Sc., Mathematics Second Year Students

NUMBER OF PARTICIPANTS: 126

OBJECTIVE:

Enhancing skills in fast calculations for competitive exams.

RESOURCE PERSON:

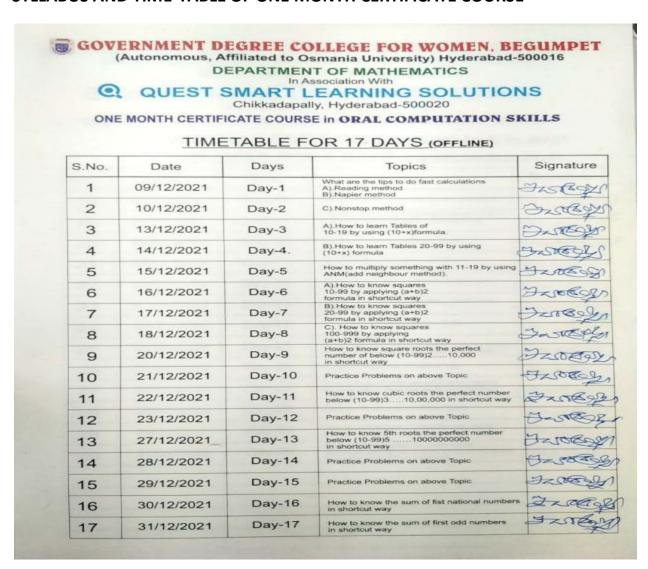
Sri E. Chandraiah, Director, Quest Smart Learning Solutions, Hyderabad.

INTRODUCTION

After completion of B.Sc., most of the students appear for many competitive exams to crack a job. In this competitive world, speed and accuracy play as added skills in achieving it. As every competitive exam is time bound, oral calculation techniques are very useful for the aspirants. In view of these reasons, the Department of Mathematics has planned to conduct a one month certificate course in 'Oral Computation Skills'. The resource person has well

trained the students with a lot of tips and techniques for oral speed calculation. The interactive and practice sessions enabled the students in enhancing their oral fast computation abilities.

SYLLABUS AND TIME-TABLE OF ONE MONTH CERTIFICATE COURSE



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GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET

(Autonomous, Affiliated to Osmania University) Hyderabad-500016

DEPARTMENT OF MATHEMATICS

In Association With

Q QUEST SMART LEARNING SOLUTIONS

Chikkadapally, Hyderabad-500020

ONE MONTH CERTIFICATE COURSE in ORAL COMPUTATION SKILLS

TIMETABLE FOR 5 DAYS (OFFLINE) Jan 03 to Jan 07 TIMETABLE FOR 8 DAYS (ONLINE) Jan 21 to Jan 31

| S.No. | Date | Days | Topics | Signature |
|-------|------------|---------|---|-----------|
| 18 | 03/01/2022 | Day-18 | How to know the sum of first even numbers | ETZ KAS |
| 19 | 04/01/2022 | Day-19 | How to know the sum of any from anywhere to anywhere Let it may be natural, odd, even and multiples | BUNGO |
| 20 | 05/01/2022 | Day-20 | Practice Problems on above Topic | 9 2000 |
| 21 | 06/01/2022 | Day-21 | How to fill the 3x3 magic squares to enhance critical thinking | 71 7593 |
| 22 | 07/01/2022 | Day-22 | How to fill 4x4 magic squares to enhance crystal thinking | AZ VAGO |
| 23 | 21/01/2022 | Day-23 | How to fill 5x5 magic squares to enhance critical thinking | 22 650 |
| 24 | 22/01/2022 | Day-24 | Practice Problems on above Topic | Danson |
| 25 | 24/01/2022 | Day-25 | How to find the sum (rather than the traditional method)of any number (n number of numbers)by using dotted method | 7-0801 |
| 26 | 25/01/2022 | Day-26 | Practice Problems on above Topic | 7,000 |
| 27 | 27/01/2022 | Day-27 | How to find the difference by using dotted method rather than the traditional method | DABOO |
| 28 | 28/01/2022 | Day-28 | Practice Problems on above Topic | 92000 |
| 29 | 29/01/2022 | Day-29 | How to subtract any mixed fraction from integer rather than the traditional method | 7250208 |
| 30 | 31/01/2022 | Day-30 | How to find the days to given dates (calendar problems) Within 15 to 30 seconds by orally 1800 AD to 2999 AD | 9-10-8-34 |
| | | | | |
| | | | | |
| | | 4 8 8 9 | | |

ATTENDANCE OF PARTICIPANTS



GOVERNMENT DEGREE COLLEGE FOR WOMEN, REGUMPET

(Autonomous, Affiliated to Osmania University) Hyderabad - 500016

DEPARTMENT OF MATHEMATICS

In Association With

Q QUEST SMART LEARNING SOLUTIONS

Chikkadapally, Hyderabad-500020

ONE MONTH CERTIFICATE COURSE IN ORAL COMPUTATION SKILLS

Students Attendance

| S.No. | Name of the | Roll.Number | 1 | | | | 10 | ecem | ber-2 | 021 | | | | |
|-------|------------------------|--------------|-----|----|-----|-----|----------|------|-------|---------|-----|-------|-----|-------|
| | Student | (MSCs)Hyr | 09 | 10 | 13 | 1.4 | 1.5 | 10 | 17 | 18 | 20 | 23 | 22 | 23 |
| 01 | Sunkari Shruthi | 108520467080 | p | p | P | p | 22 | p | P | p | p. | 22 | P | P |
| 02 | Syed Shaguita Begum | 108520467081 | P | p | to. | p | p | P | p | b | P | P | P | P |
| .03 | B. Nikhitha | 108520467006 | p | 10 | p | В | p | P | 12 | p | 13 | P | p | 12 |
| 04 | N. Vyshnavi | 108520467056 | 123 | 19 | 12 | 12 | p | In. | P | - 12 | D | D. | D | P |
| 0.5 | S. Sabitha | 108520467078 | ps | p | P | 19 | p | p. | P | p | p | P | p | Es |
| 06 | G. Manasa | 108520467022 | p | P | p | p | 32 | P | 13 | P | 22 | P | p | D. |
| 07 | S. Lavanya | 108520467075 | 179 | p | pr. | pr. | - 23 | P | 15 | _D | 13 | la la | P | P |
| OS | Razia Bee | 108520467070 | 12 | p. | P | p | · P | p | 15 | P | P | la la | p | D |
| 09 | Katyayani | 108520467037 | p | p | P | p. | p | p | 12 | 32 | P | P | p | E) |
| 10 | S. Navya | 108520467074 | p | P | 32 | D. | 12 | P | P | P | p | P | P | P |
| 1.1 | B. Akhila | 108520467009 | 52 | 32 | 1. | P | P | P | P | 12 | 12 | 100 | 10 | P |
| 12 | Ch. Vanaja Sri | 108520467011 | P | P | 32 | 15 | P | P | P | p | | I. | 12 | 12 |
| 13 | M. Sruthi | 108520467046 | P | P | P | P | 13 13 | 1. | P | P | P | P | T. | 12 |
| 1-4 | K. Tejeshwari | 108520467030 | 15 | 2. | 15 | P | _ | 12 | 1" | | P | P | 12 | 12 |
| 15 | K.Manjula | 108520467034 | P | E. | 1" | 12 | P | P | D. | 1, | | | 10 | P |
| 10 | M Ashitha | 108520467044 | 1. | P | P | 12 | 12 | 10 | P. | P | b. | 10 | - | - |
| 17 | A.Sony | 108520467003 | 12 | p | 327 | p | -32 | P | P | P | - 8 | P | P | P |
| 18 | U.Maheshwari | 108520467088 | P | p | 1. | 1. | P | P | 15 | 12 | 17 | 1 1 | P | 13 |
| 19 | D.Mamatha | 108520467018 | 10 | 5 | P | I. | 12 | P | P. | P | 12 | 12 | 10 | |
| 20 | R.Poojitha | 108520467066 | P. | 1. | P | P | P | 1, | | P | 100 | P | P | |
| 21 | U.Nikhitha | 108520467087 | P | P | 10 | 12. | P | P | la. | 100,000 | 12 | 1 6 | P | P |
| 22 | O.Manisha | 108520467057 | 1. | P. | P | P | 15 | P | P | 15 | 15 | 1. | 10 | P |
| 23 | P.Divya | 108520467062 | P | Lo | P | P | b. | P | T. | P | - | 100 | - | - |
| 24 | K.Shirisha | 108520467039 | p | P | 12 | p | p | P | 10 | P | P | P | P | P |
| 25 | Ci.Harathi | 108520467025 | P | P | P | P | 37 | 4 | P | P | 17 | 10 | P | 100.0 |
| 26 | D.Prashantha | 108520467016 | P | 57 | 1. | P | P | Is. | 12 | P | 17 | 100 | 1.5 | - 25 |

For Quest Smart Learning Solations

Director

| | | DOOR TO | 10 | 120 | TA: | 3.5 | 10 17 / | 120 | 10 | EP. | 108520467024 | Cr.Mounika | 27 |
|--------|---|---------|---------------------------------------|------|-----|-----|---------|-----|-----|-------|--------------|-----------------------|--|
| | | | E+ | 10: | 100 | 1" | | 20 | 120 | | 108520467068 | R Ankitha | 28 |
| | | | 3" | P | 14 | 100 | | | 10 | 10 | 108520467004 | A.Prathyusha | 20 |
| 12 | 3.5 | 10 | 17 | 10 | E*. | 10. | 100 | 10. | 57. | \$9. | 108520467032 | K. Yesumani | 30 |
| D | 22 | 25 | 17 | 0 | TO | 12 | 23 | 22- | 10- | 10 | 108520467036 | K.Vishali | 16.3 |
| | 150 | 100 | 17 | Es. | I.e | 57 | 14.0 | P | 52 | 12 | 108520467045 | M.Sowmys | 3.32 |
| 127 | 27 | 10 | - 10 | 100 | 10 | 10 | 1.0 | 12 | 17 | 10 | | Titlarika | 3.3 |
| 100 | 12 | 12 | 114 | 10 | 44 | 10 | 100 | 100 | 16 | | | | 3-4 |
| \$7 | 50 | 13 | 10 | 20 | 100 | 111 | 10. | 120 | 10 | 17 | 108520467029 | | 3.5 |
| 10 | 8+ | To. | 10 | 100 | 10 | 10 | 10 | 16 | 10 | 10 | 108520467048 | M.B.mhivika | 36 |
| £2. | \$77 | P | 5.0 | 140 | 1- | 1.0 | 114 | 111 | 10 | 12 | 108520467001 | A.Shruthi | 37 |
| 12 | 12 | 27 | D. | 15 | 12 | | 73 | | | | | | 336 |
| P | P | 120 | 10 | 100 | 70 | 177 | 120 | 100 | 11 | 17 | | D.Pravalika | 310 |
| \$4.41 | 870 | 14 | 10 | . 70 | 12 | 12 | 12 | 12 | 19 | 12 | | Ch Vidva | 40 |
| 129 | 100 | 74 | 17 | 100 | 10 | 10 | 12. | 18 | 12 | 100 | | | 4.1 |
| 84 | 27 | 1- | 84 | 120 | 12 | 10 | 12 | 10 | 27. | 10 | 108520467091 | Vislavathsurekha | 42 |
| 17 | 122 | 10 | 89 | 125 | 12 | 32 | P | 55. | 125 | 27 | 108520467069 | H. Sandhyarani | 43 |
| 100 | 100 | 30 | \$2. | 10 | 10 | 1" | 10 | 10 | 10 | 120 | 108520467027 | J.Akanksha | 44 |
| D | D | 12 | D | 12 | 123 | 12 | D | | 12 | 25 | 108520467061 | P Sailaja | 4.5 |
| | 17 | P | En: | 14 | P | 10 | 12. | | | 130 | 108520467058 | Olecvitha | 46 |
| 80 | 180 | 82.0 | 12. | Pt. | 100 | 12 | P | | | 32 | 108520467017 | D.Divya | 47 |
| 12 | 10 | I. | 12 | - Is | 1. | 1- | 10 | | 10 | 5.0 | 108520467079 | S Bhavya Reddy | -436 |
| | 25 | | | Ta. | | | | | To. | 3.0 | 108520467048 | | 459 |
| 20 | 100 | P | Es. | Dr. | P | 27 | 100 | 20 | 10 | 1. | 108520467059 | P.Sheawitha | 50 |
| Je. | 30 | P | P | 100 | 10 | \$5 | £+: | 24 | P | P | 108520467023 | G.Chandra deepthi | 51 |
| 10 | 10 | 1- | 17 | 10 | | * | 37 | 100 | 1. | 1. | 108520467021 | G.Spandana keerthi | 52 |
| 100 | 150 | 15 | 10 | 190 | 14 | 30 | 15 | 10 | 90 | 120 | 108520467054 | N.Sairajalokha | 53 |
| 10 | 50 | 10- | 10 | 100 | 19 | 10 | 34 | 4- | 91 | 92.00 | 108520555002 | N.Suitha | 54 |
| | 4 | | P P P P P P P P P P P P P P P P P P P | P | P | P | P | P | P | P | P | 108520467004 | R. Aukitha 108520467004 P. |



INAUGURAL SESSION OF CERTIFICATE COURSE IN OCS

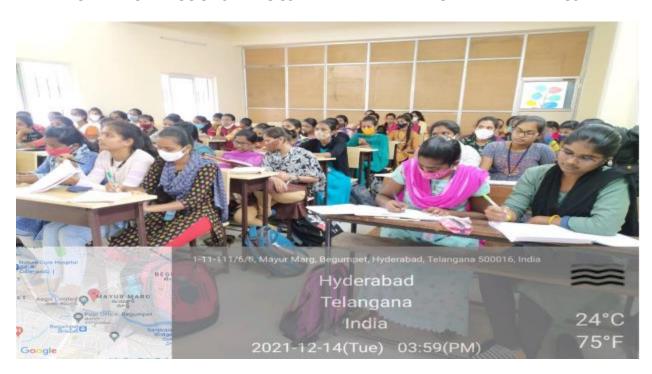


PICS OF THE ACTIVITY:



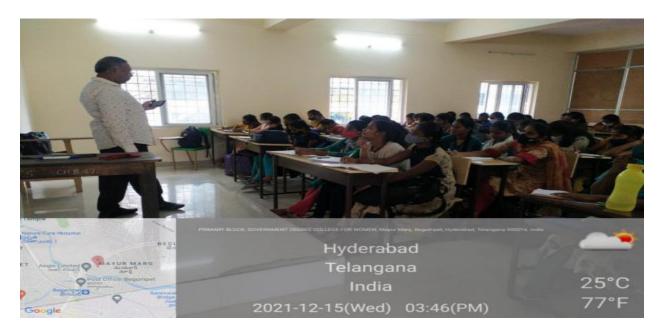


CERTIFICATE COURSE IN OCS BY DEPARTMENT OF MATHEMATICS





CERTIFICATE COURSE IN OCS BY DEPARTMENT OF MATHEMATICS



OUTCOMES:

The students have been trained well in 'Oral Computation Skills' and boosted their confidence to face the competitive exams.