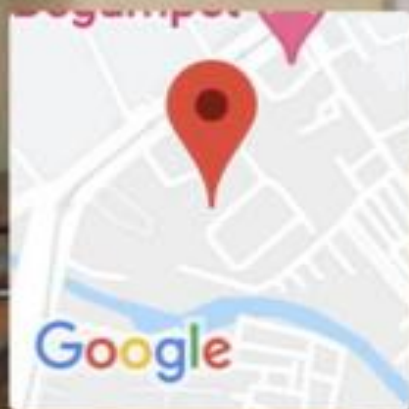
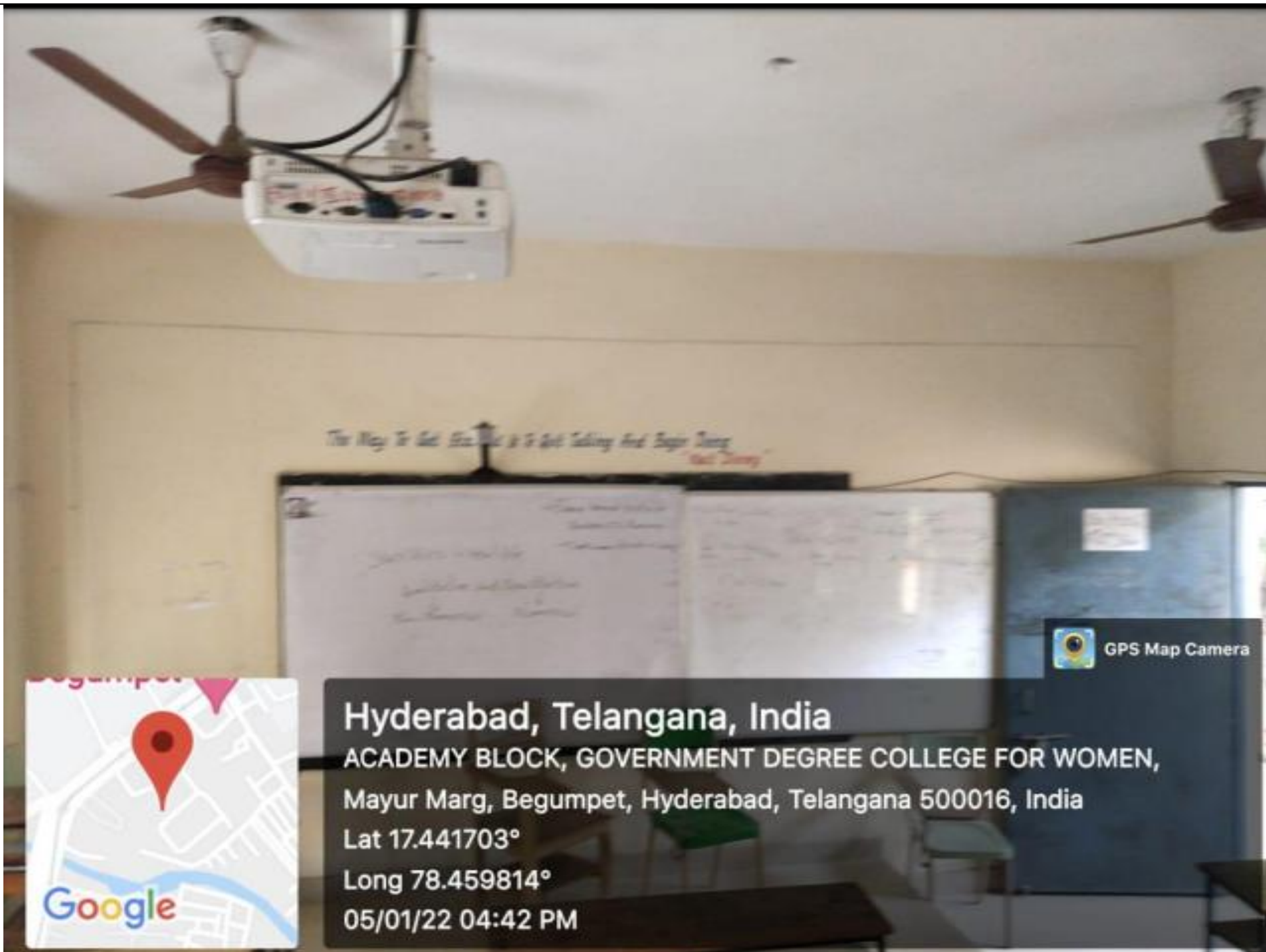


Classrooms with ICT facilities

S.No	Ro.No	Picture
1.	11	<p>Success is the sum of small efforts, repeated day in and day out. Robert Collier</p> <p>Hyderabad, Telangana, India 1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India Lat 17.441922° Long 78.459773° 05/01/22 04:40 PM</p> <p>Begumpet Google</p> <p>GPS Map Camera</p>

2.

12



Hyderabad, Telangana, India

**ACADEMY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India**

Lat 17.441703°

Long 78.459814°

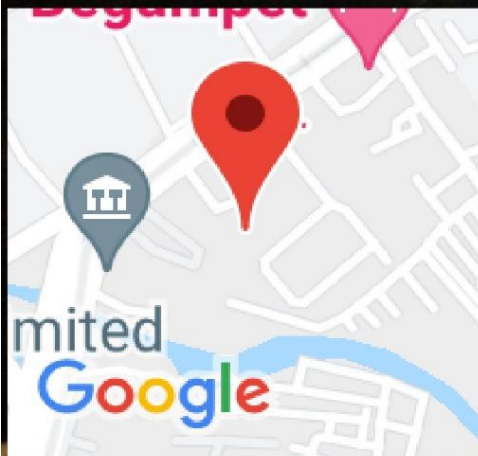
05/01/22 04:42 PM

3.

16



GPS Map Camera



Hyderabad, Telangana, India

**1-10-166, Mayur Marg, Begumpet, Hyderabad,
Telangana 500016, India**

Lat 17.441757°

Long 78.459596°

23/12/21 12:09 PM

4.

17



Hyderabad, Telangana, India

PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India

Lat 17.441454°

Long 78.459513°

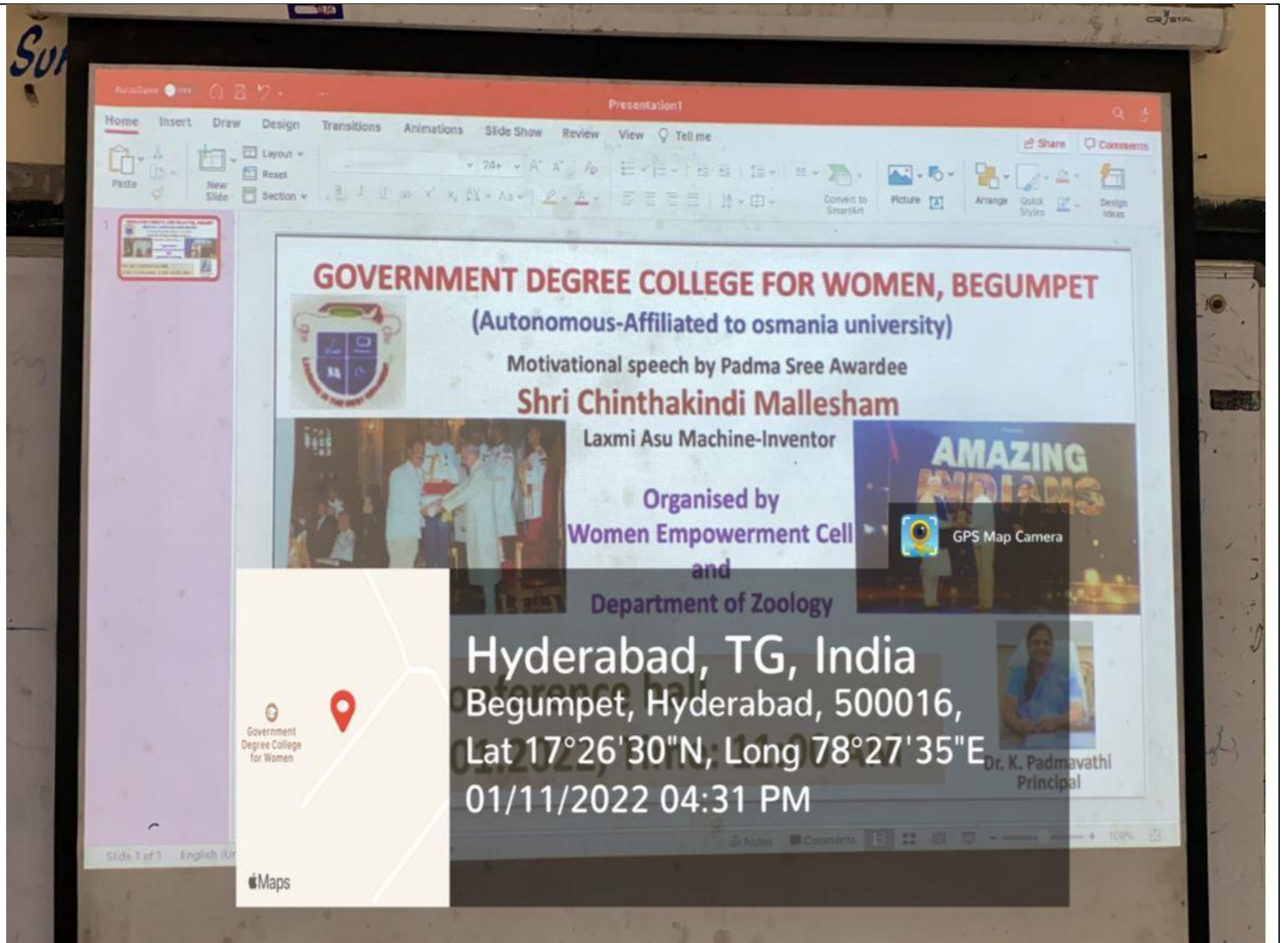
23/12/21 12:48 PM

5. 21



6. 22





The slide on the projector screen is titled "IIT JAM 2015" and contains the following text:

Q25. In the thermodynamic cycle shown in the figure, one mole of a monatomic ideal gas is taken through a cycle. AB is a reversible isothermal expansion in a temperature of 300K in which the volume of the gas is doubled. BC is an isobaric contraction to the original volume in which the temperature is reduced to 300K . CA is a constant volume process in which the pressure and temperature return to their initial values. The net amount of heat (in Joules) absorbed by the gas in one complete cycle is _____

Ans. : 432

The diagram shows a P-V graph with points A, B, C, and A. The x-axis is labeled "Volume" and the y-axis is labeled "Pressure". Process AB is an isothermal expansion from volume V to $2V$ at pressure P_1 . Process BC is an isobaric contraction from volume $2V$ to V at pressure P_1 . Process CA is a constant volume process from pressure P_1 to P_2 at volume V .

The blackboard on the right contains handwritten notes:

- part multiplication
- and multiplication
- ISS cross method
- im of first natural number
- first add numbers
- sum of any consecutive numbers
- any square
- any cube
- with roots

The Apple Maps inset shows the location in Hyderabad, India, with a red pin on Sardar Patel Road, Begumpet.

The text overlay on the bottom right of the image reads:

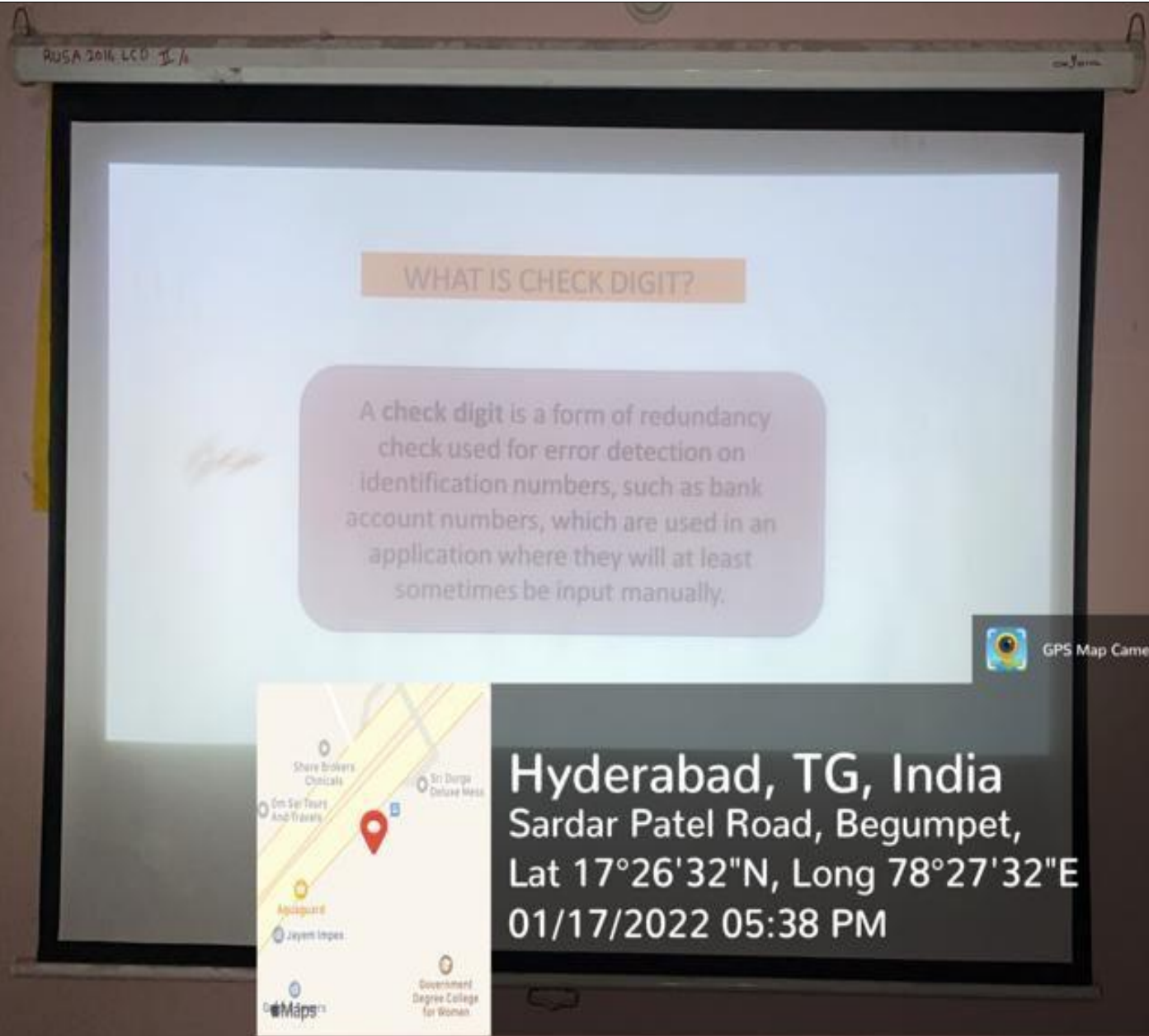
Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'32"N, Long 78°27'31"E
01/12/2022 05:38 PM

A "GPS Map Camera" watermark is visible in the bottom right corner of the image.



10.

104



WHAT IS CHECK DIGIT?

A check digit is a form of redundancy check used for error detection on identification numbers, such as bank account numbers, which are used in an application where they will at least sometimes be input manually.

GPS Map Camera



Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'32"N, Long 78°27'32"E
01/17/2022 05:38 PM

11.

105



1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India

Latitude

17.442088333333334°

Longitude

78.45947°

Local 10:54:07 AM

GMT 05:24:07 AM

Altitude 520.6 meters

Monday, 22-11-2021

Note : room no 105

12.

107



Hyderabad, Telangana, India

1-10-166, Mayur Marg, Begumpet, Hyderabad,
Telangana 500016, India

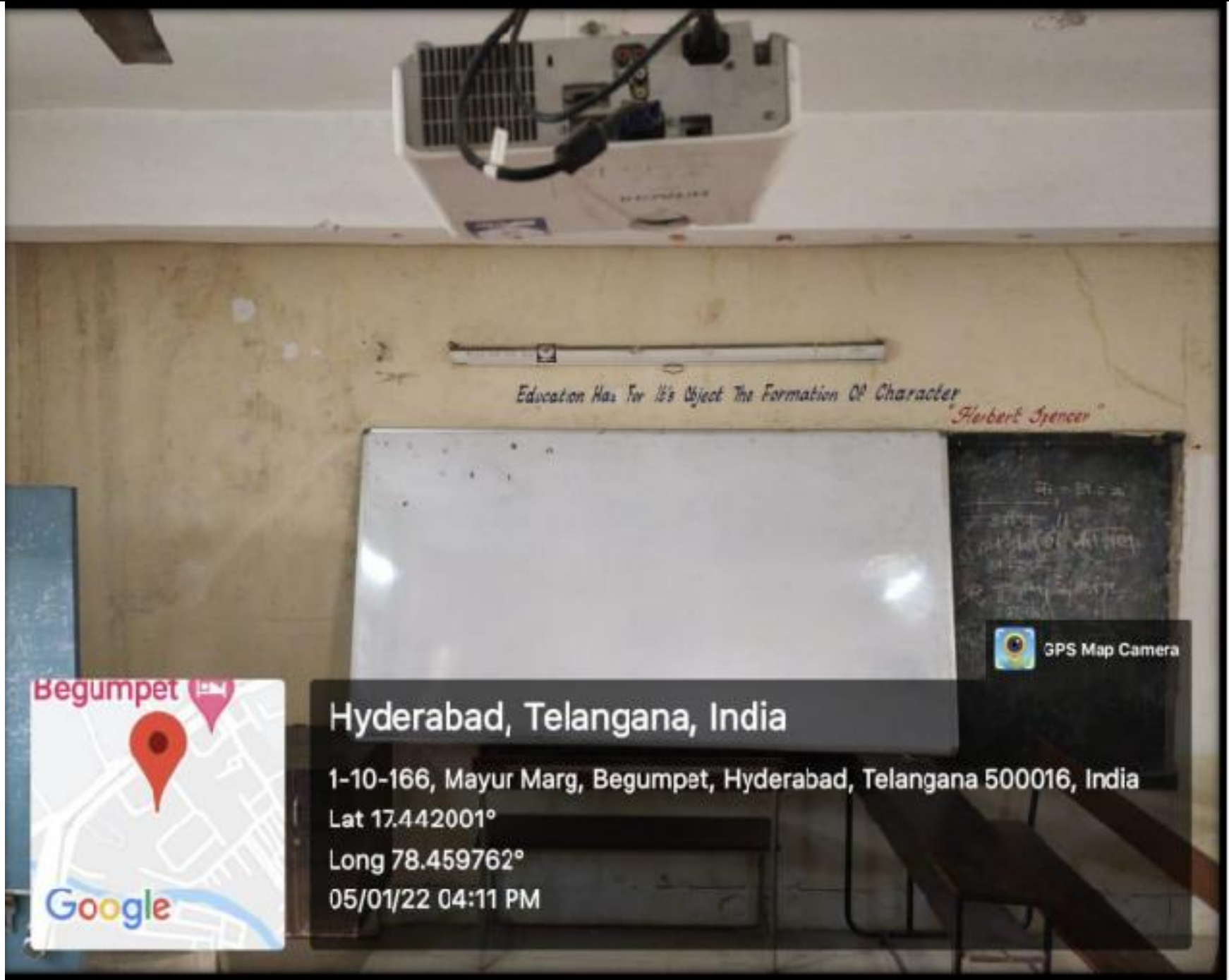
Lat 17.441964°

Long 78.459694°

22/12/21 01:25 PM

13.

108



Education has for its object the formation of character
Herbert Spencer

GPS Map Camera



Hyderabad, Telangana, India

1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India

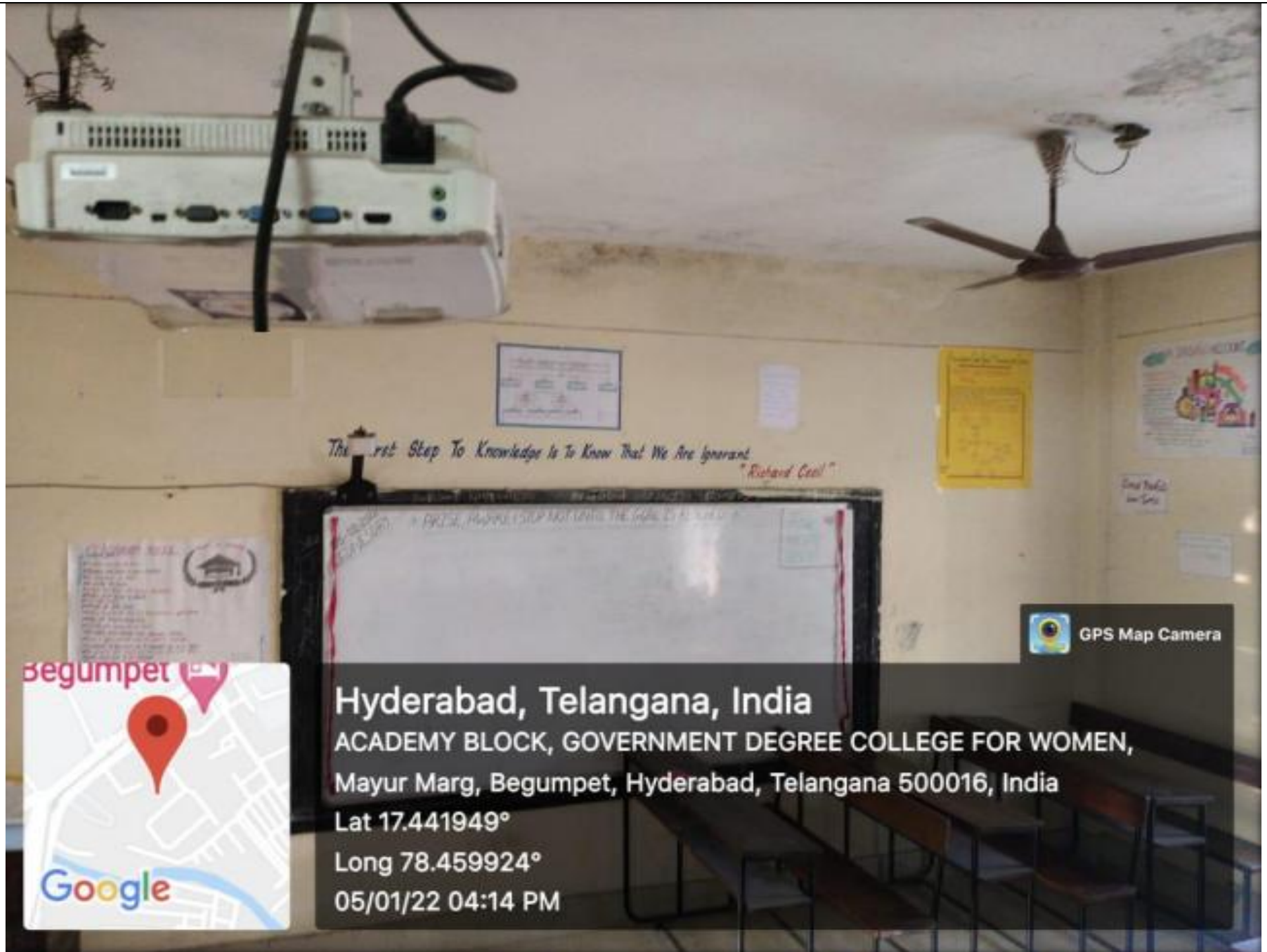
Lat 17.442001°

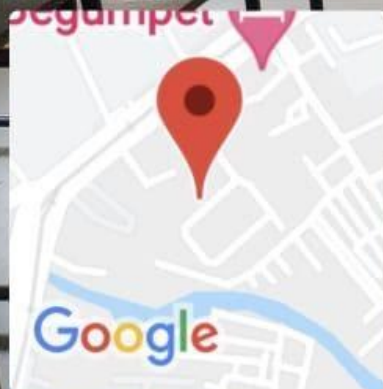
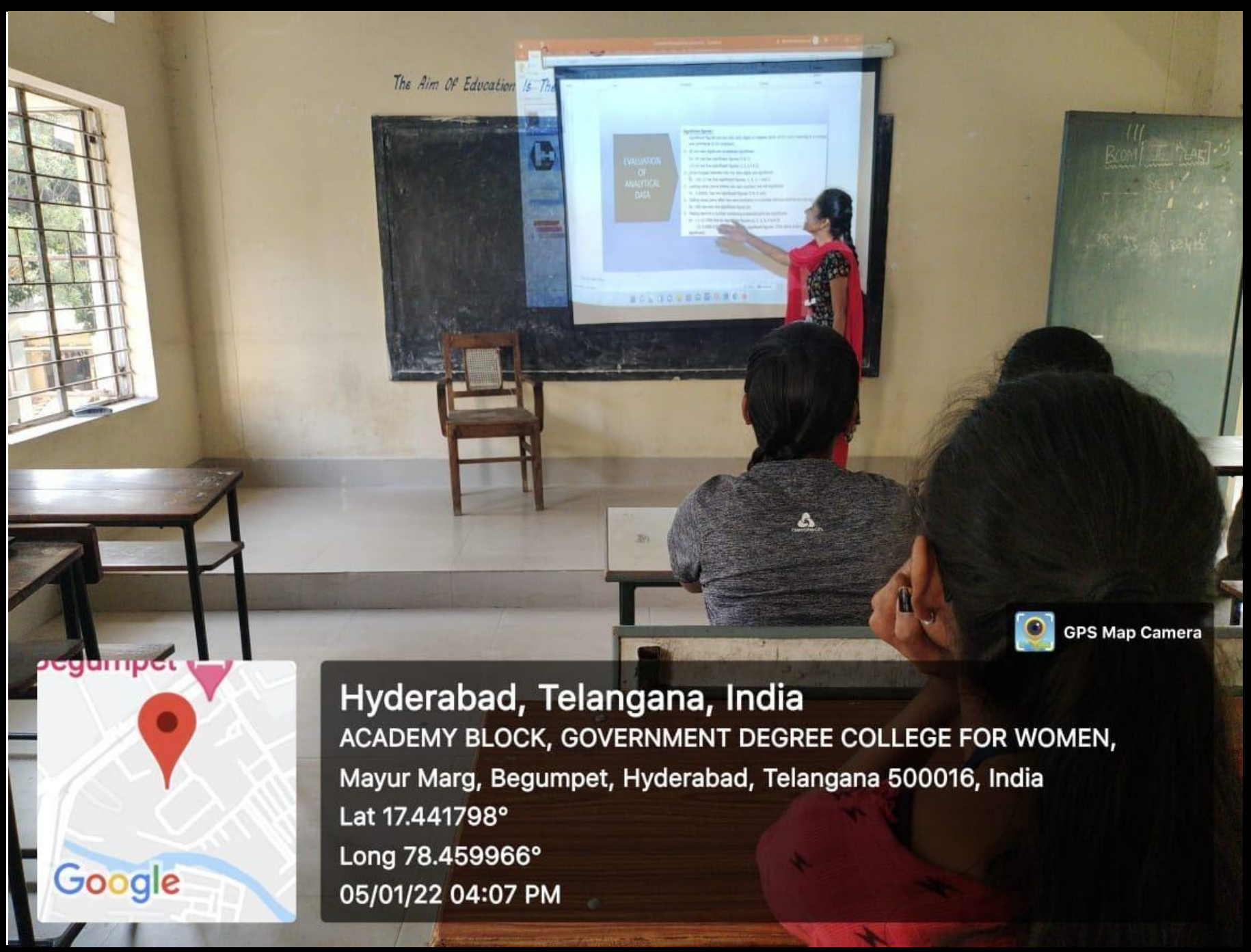
Long 78.459762°

05/01/22 04:11 PM

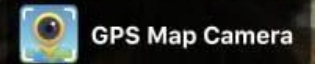
14.

109





Hyderabad, Telangana, India
ACADEMY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India
Lat 17.441798°
Long 78.459966°
05/01/22 04:07 PM









19.

127



GPS Map
Comarc Lite

Sardar Patel Road, Begumpet, Hyderabad,
500016, TG, India

Latitude
17°26'29"N

Longitude
78°27'34"E

Local 10:28:29 AM
GMT 04:58:29 AM

Altitude 523.14 meters
Monday, 11/22/2021

Note: Room no 127 virtual classroom

Virtual Class Room/ LCS



Hyderabad, Telangana, India

1-11-111/6/8, Mayur Marg, Begumpet, Hyderabad, Telangana

500016, India

Lat 17.44153°

Long 78.459318°

05/08/21 01:52 PM



21.

205

Why has space debris accumulated?

- February 2009 collision of a Russian and US satellites resulted in fragments of the satellites.
- Lost parts, shed rocket boosters and dead satellites all contribute to space debris.
- Anti-satellite(anti-sat) missions have also contributed to the space debris. North American Aerospace Defense Command (NORAD) of US and Soviet Union, 2007 Chinese anti-satellite missile test and Mission Shakti of India destroyed satellites resulting in even more space debris.



Known orbit planes of Fengyun-1C debris one month after the weather satellite's disintegration by the Chinese ASAT

Source: Wikipedia

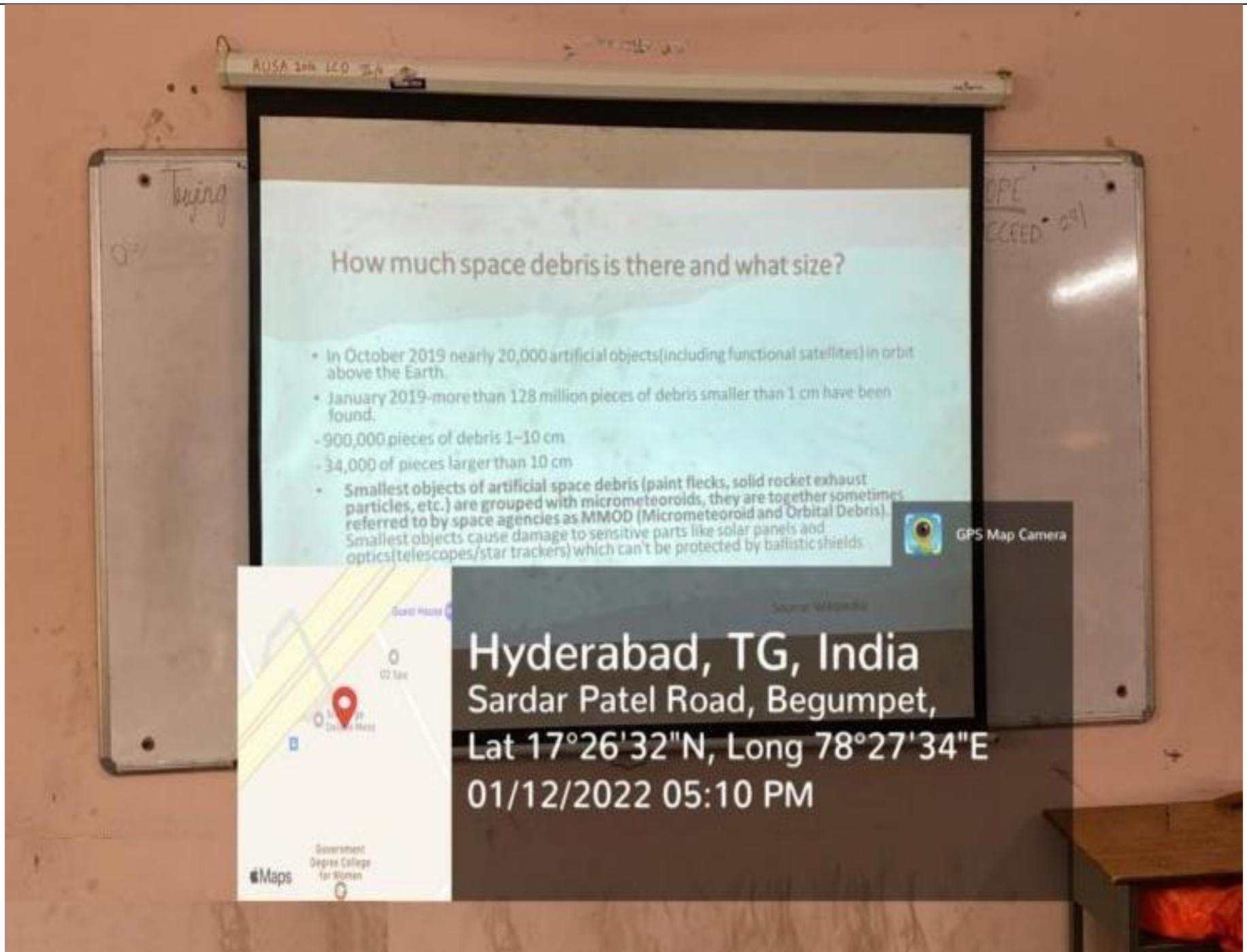


Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'32"N, Long 78°27'34"E
01/12/2022 05:03 PM



22.

206

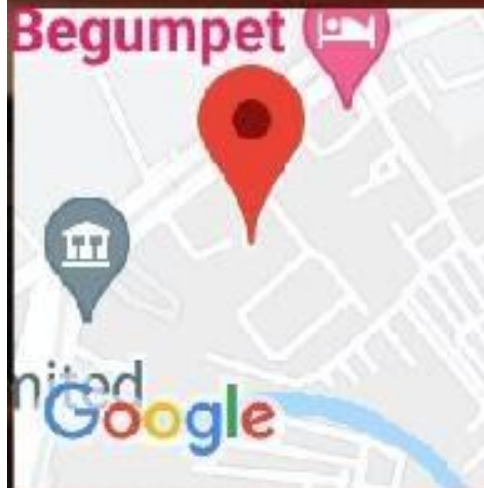


23.

207



GPS Map Camera



Hyderabad, Telangana, India

ACADEMY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India

Lat 17.442081°

Long 78.459863°

22/12/21 01:47 PM

Producing a Check Digit
 This procedure is used to generate a check digit to add to the end of a number. It is a **11 weighted check digit calculation**. This calculation is used for numbers on books.

- 1) Start with the original product number e.g. 185813415.
- 2) Weight each digit by its position in the string and add up the results. Note that the lowest weight used is 2 :
- 3) Divide the total by 11 and then subtract the remainder from 11. The check digit is the result of this operation : $228 / 11 = 20$ remainder 8 \Rightarrow if the remainder is 10 then the check digit is set to X, if it is 0 then the check digit is 0.




Digit	1	8	5	8	1	3	4	1	5
Weightings	10	9	8	7	6	5	4	3	2
Result	10	72	40	56	6	15	16	3	10
									228



Hyderabad, TG, India
 Sardar Patel Road, Begumpet,
 Lat 17°26'31"N, Long 78°27'35"E
 01/11/2022 05:57 PM

Quick Links


- Organizational Structure
- Statutory Bodies
- Academic Cell
- Committees
- Special Fee Committees
- Policy Documents
- SPOD
- SOP



2021 - 2022

Governing Body

S.No	Category	Designation on the Governing Body	Name of the Chairperson & members on GB of GC[A], Rajamahendravaram
1	Educationist	Chairperson	Dr.Pola Bhaskar IAS, Commissioner of Collegiate Education,
2	Industrialist	Member	To be Nominated by GCE
3	Professional	Member	Sri Venkata Narayan Vedantam, Chartered Accountant, Rajamahendravaram



Sri Durga Deluxe Mess

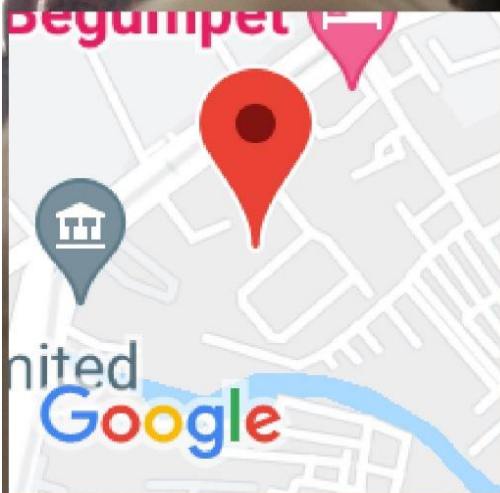
Government Degree College for Women

Apple Maps

Hyderabad, TG, India
Begumpet, Hyderabad, 500016,
Lat 17°26'31"N, Long 78°27'35"E
01/11/2022 05:51 PM

26.

210



Hyderabad, Telangana, India

ACADEMY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India

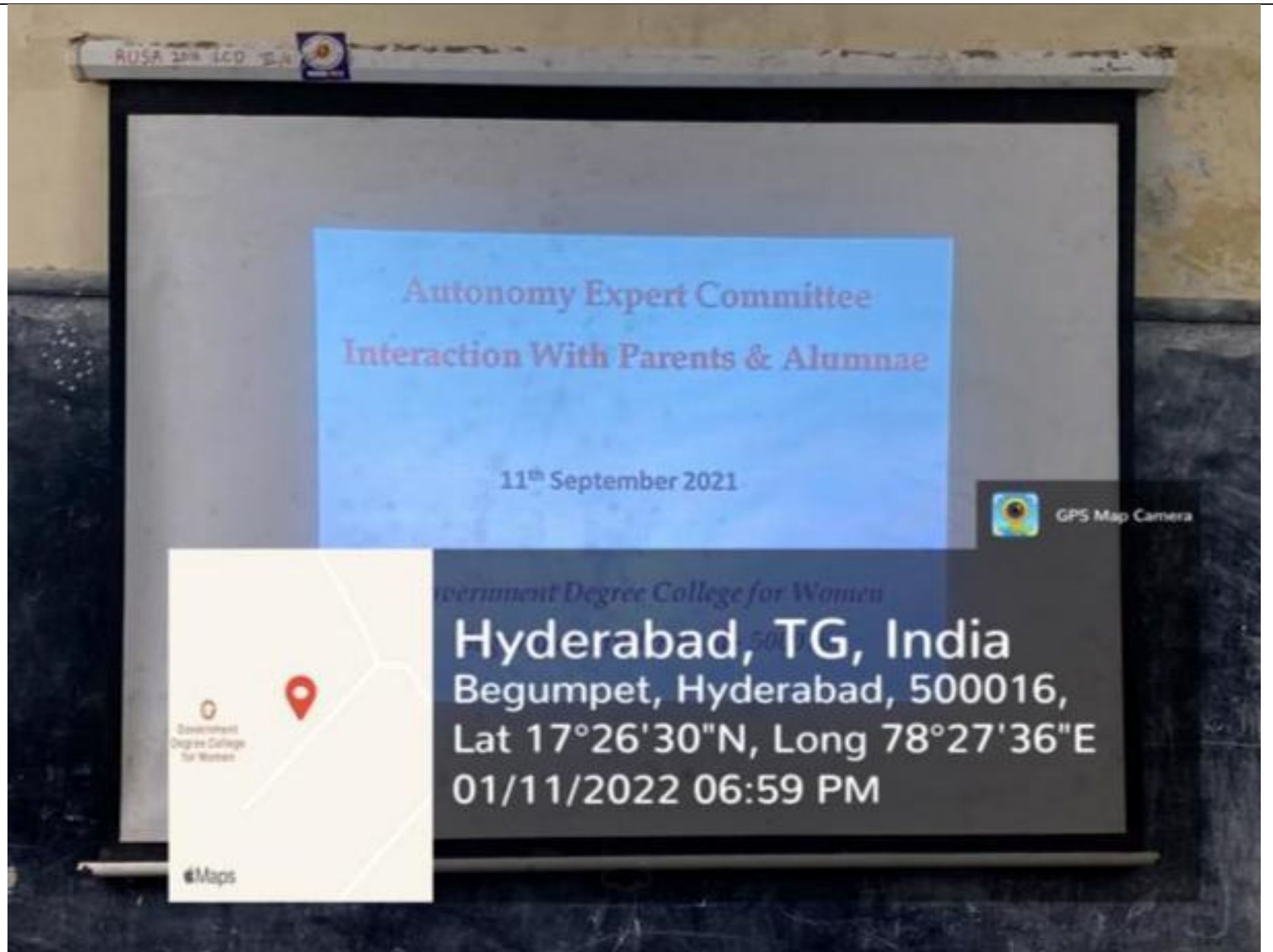
Lat 17.441884°

Long 78.459905°

22/12/21 01:57 PM

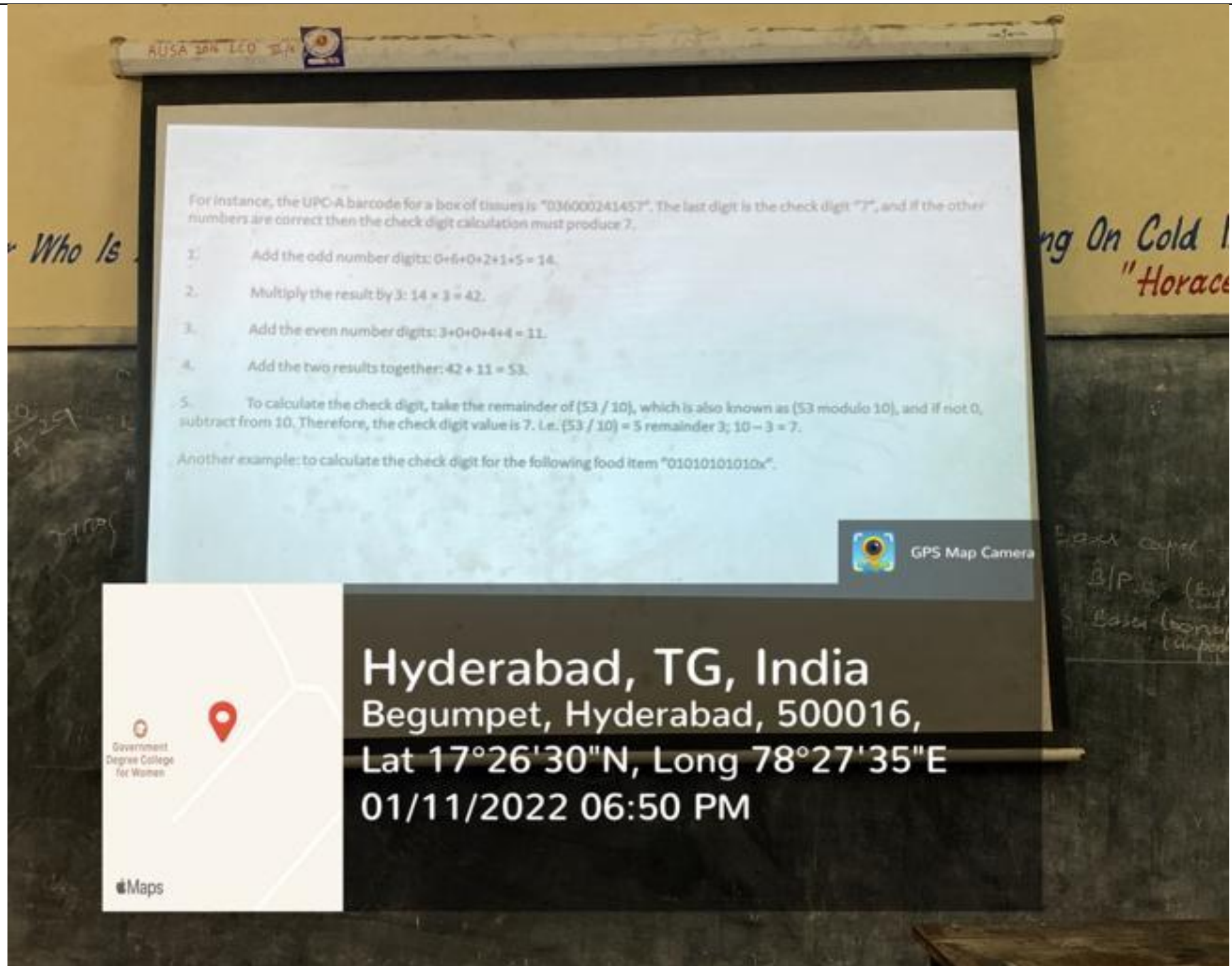
27.

212



28.

213



RUSA 20% ILO

WHAT COMPOSES SPACE DEBRIS?

- There have been 6050 launches in the past 60 years.
- There are 56450 objects from these launches orbiting the earth. 28160 are being tracked by US Space Surveillance Network. These include objects larger than about 5-10 cm in low-Earth orbit (LEO) and 30 cm to 1 m at geostationary (GEO) altitudes.
- Only a small fraction - about 4000 - are intact operational satellites today.
- This large amount of space hardware has a total mass of more than 9300 tonnes.
- Estimated number of break-ups, explosions, collisions, or anomalous events resulting in fragmentation - More than 570
- Number of debris objects estimated by statistical models to be in orbit
- 36500 objects greater than 10 cm
- 1000000 objects from greater than 1 mm to 1 cm
- 330 million objects from greater than 1 mm to 1 cm

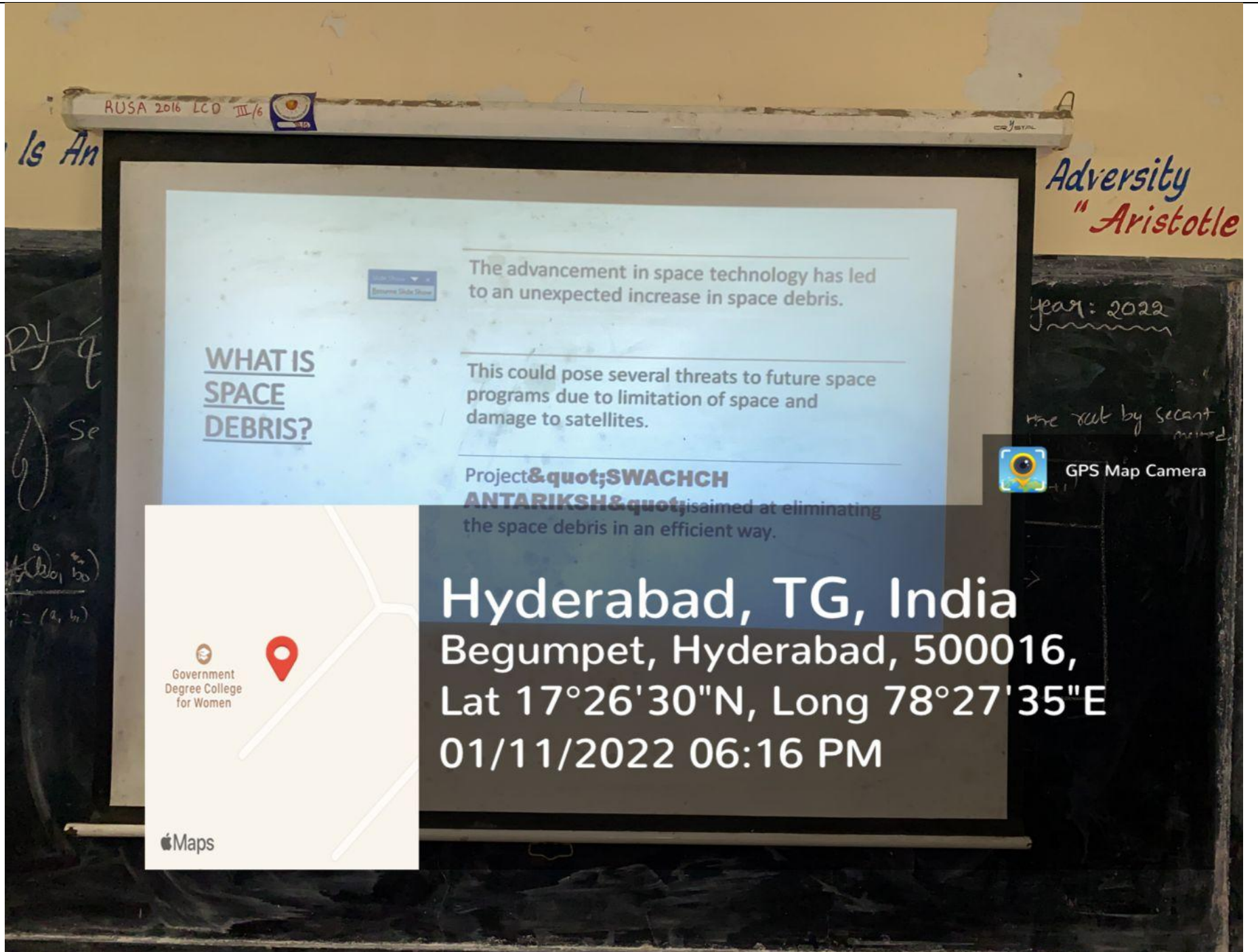
GPS Map Camera

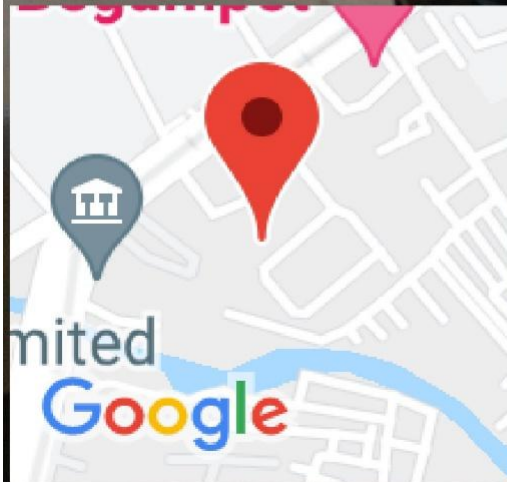
ELA-SPACE DEBRIS BY IS, ISRO India and NASA

Hyderabad, TG, India
 Begumpet, Hyderabad, 500016,
 Lat 17°26'30"N, Long 78°27'35"E
 01/11/2022 06:26 PM

Government Degree College for Women

Apple Maps





Hyderabad, Telangana, India

ACADEMY BLOCK, GOVERNMENT DEGREE COLLEGE FOR
WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016,
India

Lat 17.441724°

Long 78.459766°

22/12/21 02:03 PM



Begumpet



Hyderabad, Telangana, India

ACADEMY BLOCK, GOVERNMENT DEGREE COLLEGE FOR
WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016,
India

Lat 17.442128°

Long 78.459676°

04/12/21 11:17 AM

RUSA 2016 LCO III/6

Failore In The First Attempt Beco

Government Degree College for Women Begumpet, Hyderabad
 (Affiliated to Osmania University)
 Mayur Marg, Begumpet, Hyderabad-500016
 e-mail: edcwbohyd@gmail.com <https://edcts.cgw.gov.in/secunderabad.edu>
 An ISO 9001: 2015 Certified Institution

TSKC & Department of Public Administration
 In association with IQAC
 Organizes
 Orientation Programme
 On

How to Crack Civil Services in First Attempt

Dr. K. Padmavathi
 Principal
 GDCW(A) Begumpet
 Hyderabad - 500016

Guest Speaker
 Sri. P. Krishna Pradeep
 Chairman
 21st Century IAS Academy

Venue: Open Auditorium
 Date: 14/12/2021
 Time: 2:30 pm - 4:00 pm

Target Audience:
 Civil Aspirants

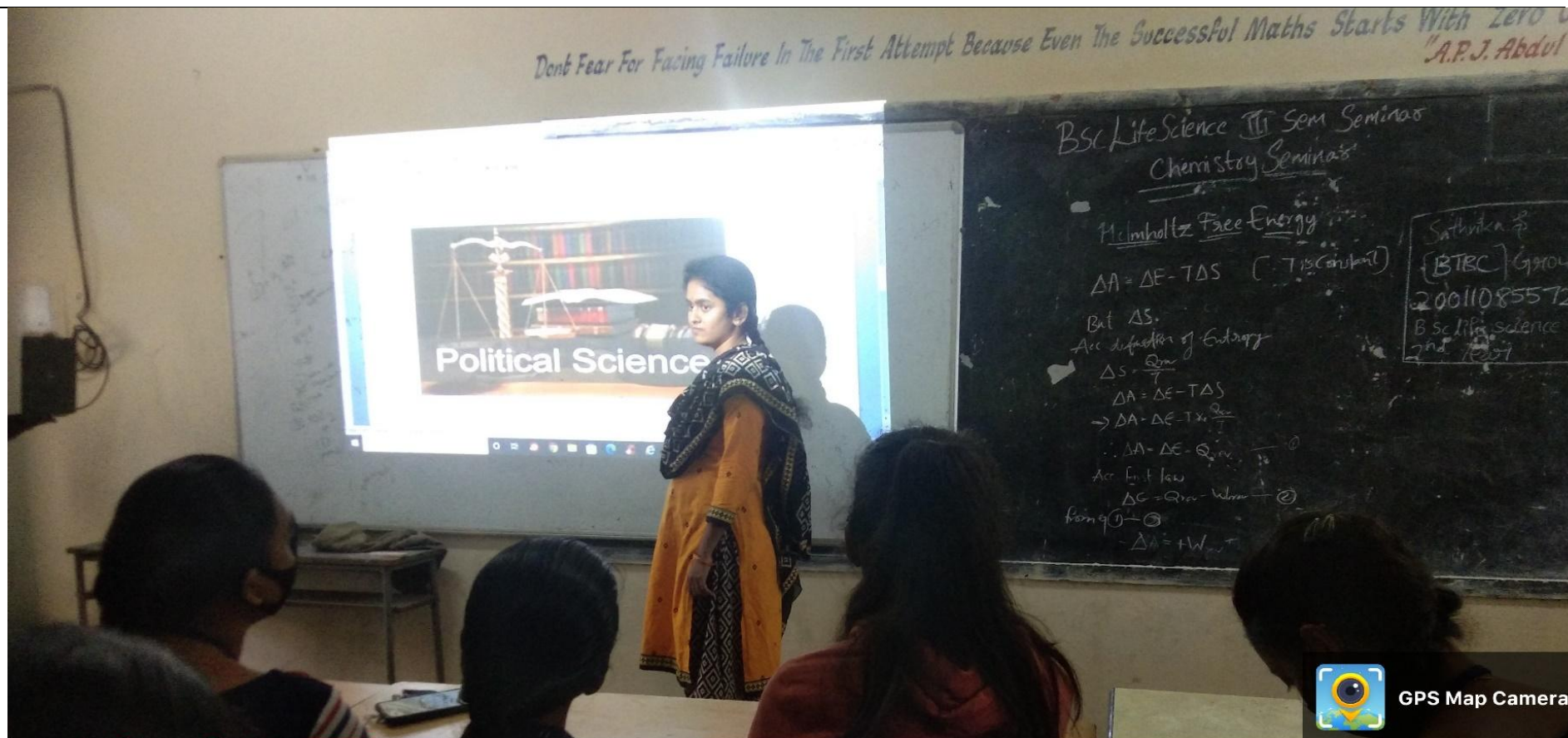
GPS Map Camera

Government Degree Coll for Women

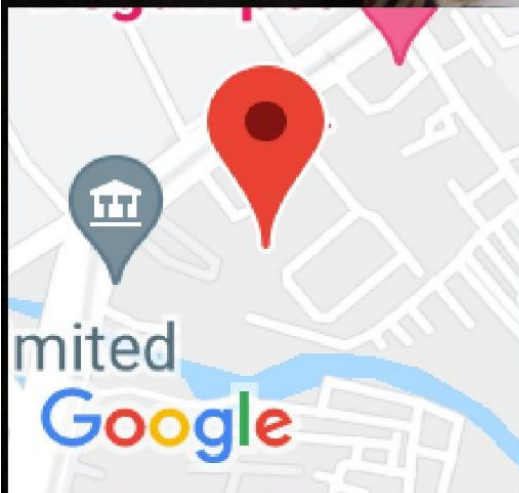
Hyderabad, TG, India
 Sardar Patel Road, Begumpet,
 Lat 17°26'29"N, Long 78°27'34"E
 01/12/2022 05:21 PM

Apple Maps

e in sight of God! *



GPS Map Camera



Hyderabad, Telangana, India

ADMINISTRATION BLOCK, GOVERNMENT DEGREE COLLEGE
FOR WOMEN, 1-10-166, Mayur Marg, Begumpet, Hyderabad,
Telangana 500016, India

Lat 17.44167°

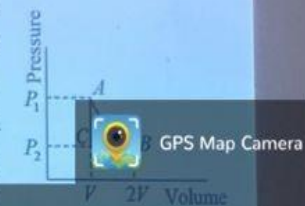
Long 78.459594°

22/12/21 02:11 PM

ter By Chance, It Gets Better By Change
"Jim Rohn"

IIT JAM 2015

Q28. In the thermodynamic cycle shown in the figure, one mole of a monatomic ideal gas is taken through a cycle. AB is a reversible isothermal expansion at a temperature of $800K$ in which the volume of the gas is doubled. BC is an isobaric contraction to the original volume in which the temperature is reduced to $300K$. CA is a constant volume process in which the pressure and temperature return to their initial values. The net amount of heat (in Joules) absorbed by the gas in one complete cycle is.....



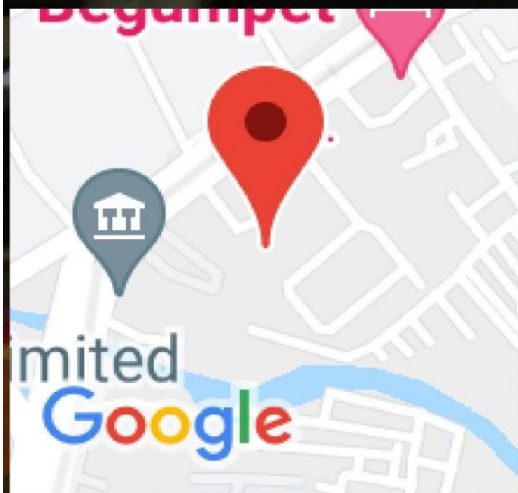
GPS Map Camera



Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'31"N, Long 78°27'34"E
01/12/2022 05:24 PM

36.

223



Hyderabad, Telangana, India

1-10-166, Mayur Marg, Begumpet, Hyderabad,

Telangana 500016, India

Lat 17.441795°

Long 78.459576°

22/12/21 02:16 PM

MATERIAL COMPOSITION OF DEBRIS

- PERCENTAGE COMPOSITION & SIZES
- WHY DO WE NEED TO REMOVE SPACE DEBRIS
- DAMAGES DONE BY VARIOUS MAGNETIC MATERIALS

GPS Map Camera

Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'29"N, Long 78°27'33"E
01/12/2022 06:06 PM

Government Degree College for Women

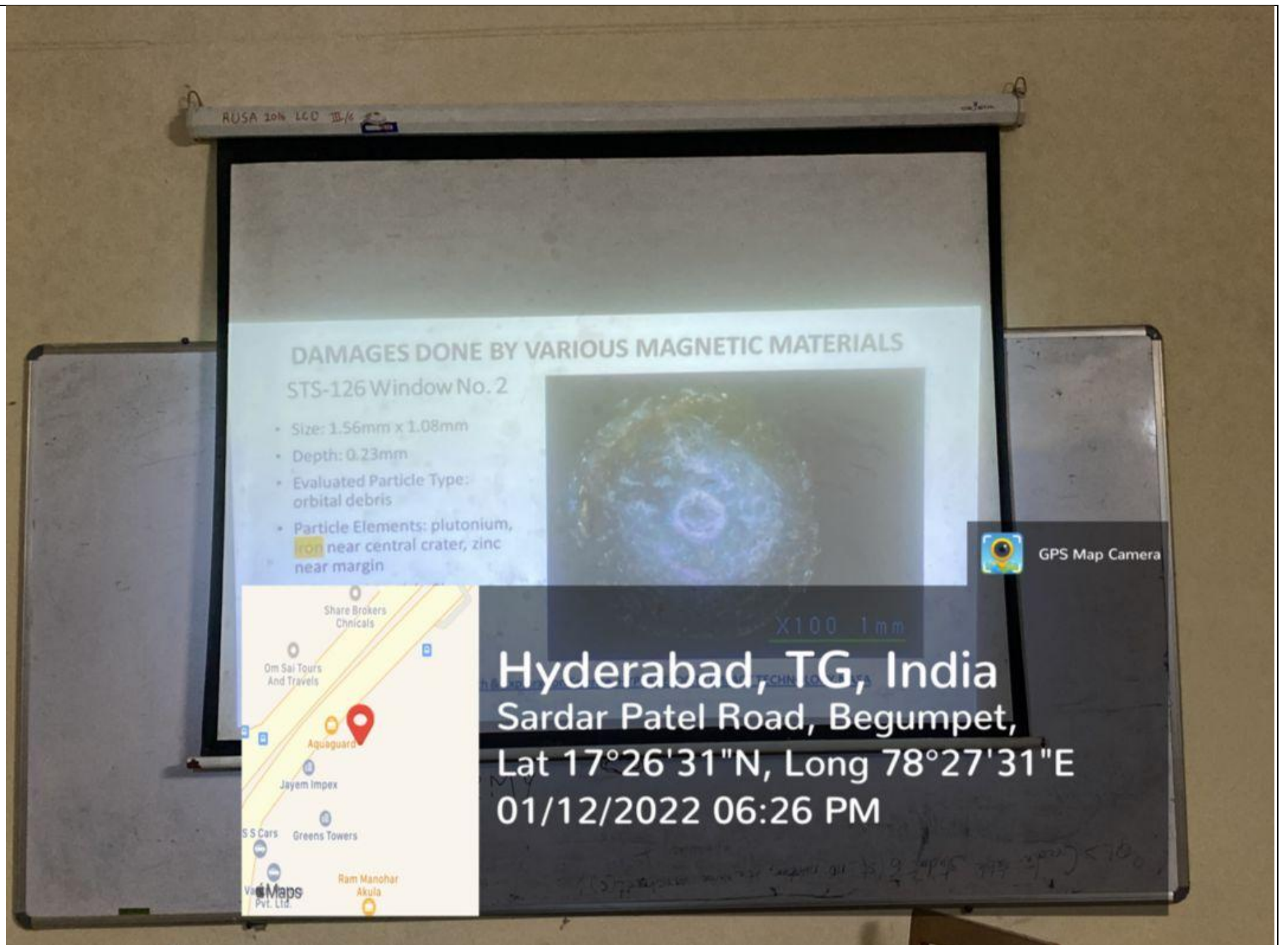
Assagand
Govind Studio
Greens Towers
Kam Manohar Studio

$$u_1 = \begin{pmatrix} -1/5 \\ 2/5 \end{pmatrix}$$
$$u_2 = \begin{pmatrix} 2/5 \\ -1/5 \end{pmatrix}$$

38.

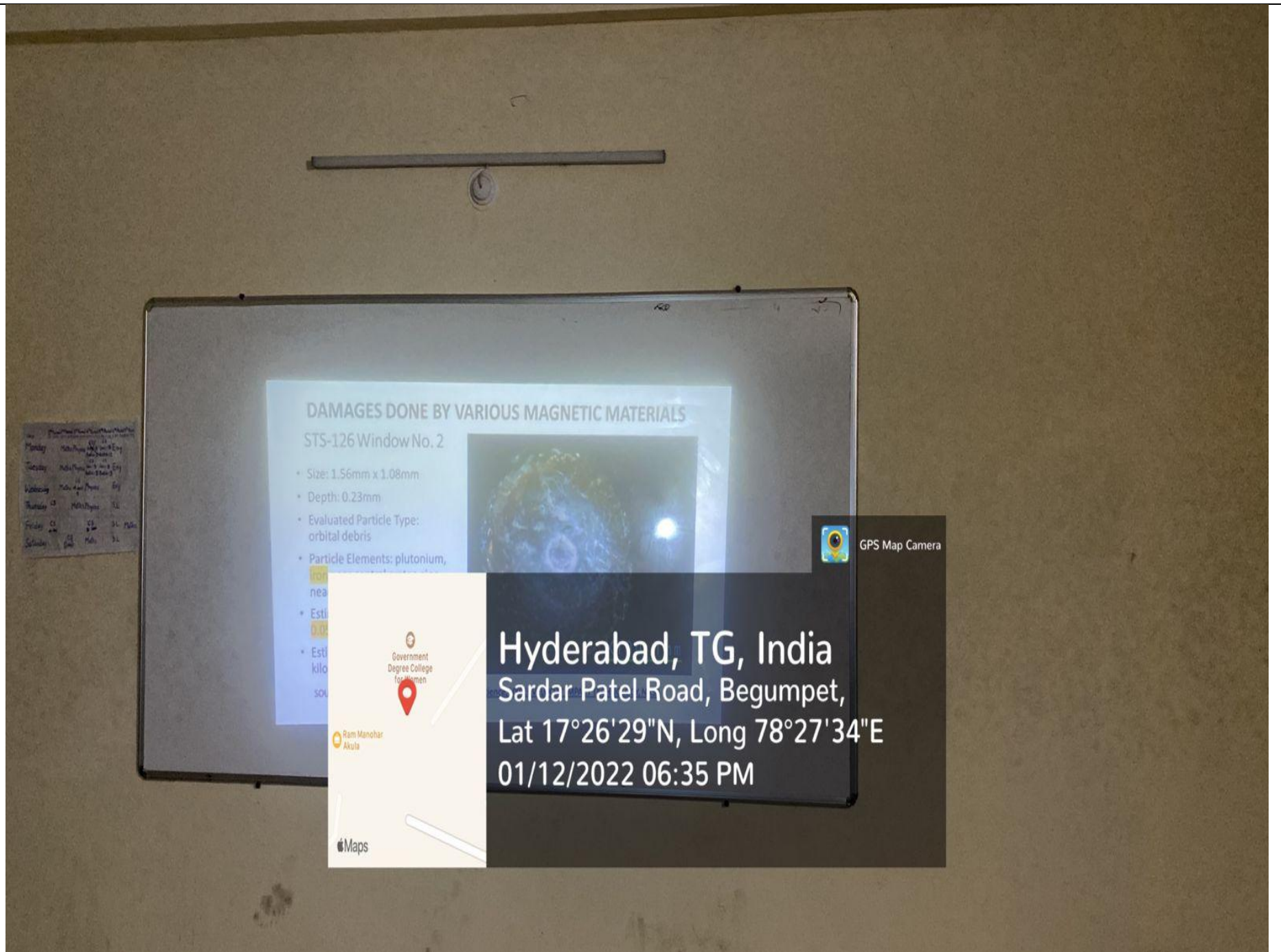
231





40.

301



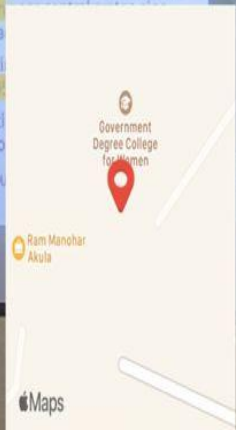
DAMAGES DONE BY VARIOUS MAGNETIC MATERIALS

STS-126 Window No. 2

- Size: 1.56mm x 1.08mm
- Depth: 0.23mm
- Evaluated Particle Type: orbital debris
- Particle Elements: plutonium, iron, near
- Estimated
- Estimated kilo
- Estimated so



GPS Map Camera



Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'29"N, Long 78°27'34"E
01/12/2022 06:35 PM



STS-130 window No. 7, Index No. 14



- Size: 1.75mm x 0.64mm
- Depth: 0.05mm
- Evaluated Particle Type: orbital debris

STS-130 Window No. 11, Index No. 15



- Size: 1.02mm x 0.64mm
- Depth: 0.05mm
- Evaluated Particle Type: orbital debris
- Particle Elements: [unclear]
- Estimated Particle Size: [unclear]
- Estimated Velocity: 30 kilometers per second
- Status: [unclear]



Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'30"N, Long 78°27'32"E
01/12/2022 06:39 PM

42.

303

RUSA 2016 LCD II/6

STUDY SHOWING THE COMPOSITION OF MICROMETEOROIDS



The radiator shield on the Wide Field and Planetary Camera 2 (WFPC2) was inspected after return from the Hubble Space telescope in 2009.



The survey revealed over 600 impact features of $\geq 300 \mu\text{m}$ diameter, from exposure in space for 16 years. The material deposited on the wind shield indicate the composition of orbital debris that hit it.



GPS Map Camera

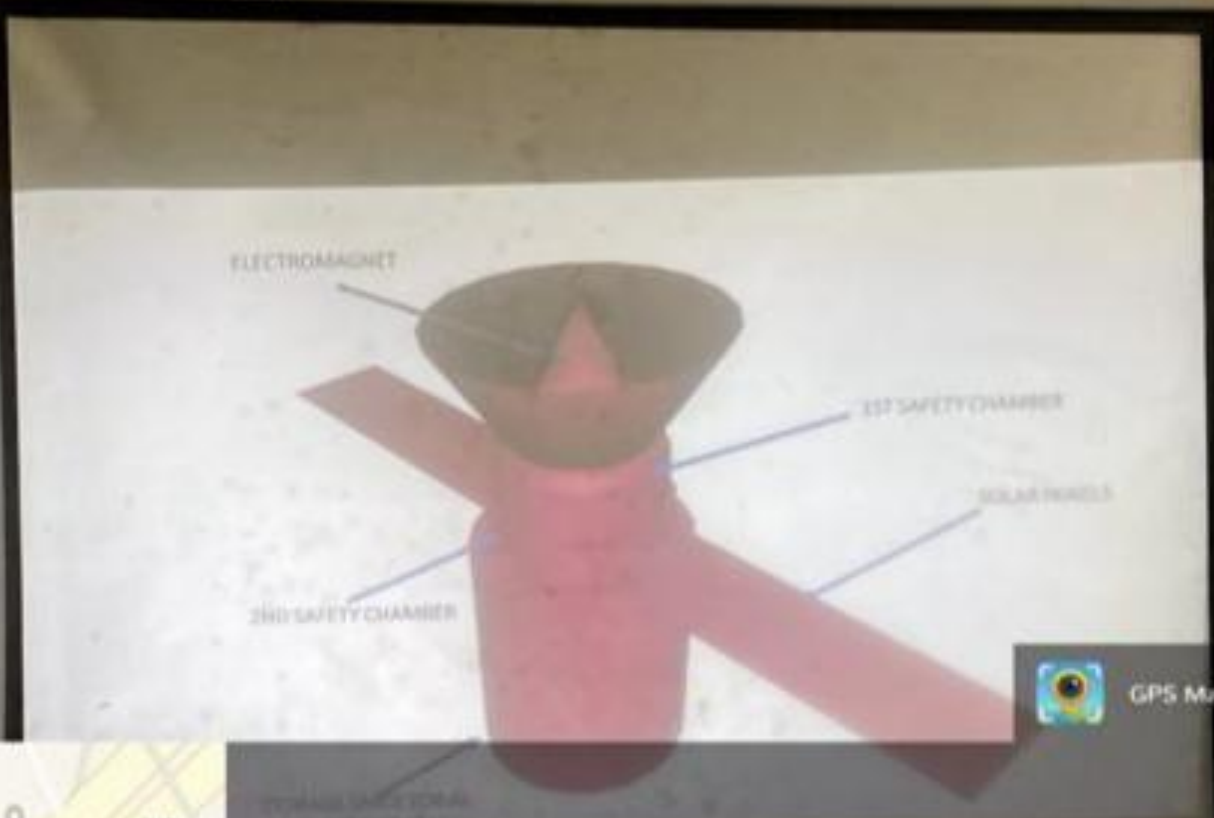


Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'31"N, Long 78°27'31"E
01/12/2022 06:45 PM

43.

304

AUSA 3P4 LCD DISPLAY



Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'32"N, Long 78°27'31"E
01/12/2022 06:50 PM

44. AMB
1

Producing a Check Digit

This procedure is used to generate a check digit to add to the end of a number. It uses the **Modulo-11 weighted check digit calculation**. This calculation is used for numbers on books.

- 1) Start with the original product number
e.g. 185813415.
- 2) Weight each digit by its position in the string and add up the results. Note that the lowest weight used is 2.
- 3) Divide the total by 11 and then subtract the remainder from 11. The check digit is the result of this operation: $228 / 11 = 20$ remainder 8 \Rightarrow if the remainder is 10 then the check digit is set to X, if it is 0 then the check digit is 0. As the remainder is neither 10 nor 0, the check digit is calculated like this:
Check digit = $11 - \text{remainder} = 11 - 8 = 3$.
- 4) Add the check digit to the end of the original number to get the



Digit	Weight	Result
1	10	10
2	9	18
3	8	24
4	7	28
5	6	30
6	5	30
7	4	28
8	3	24
9	2	18
0	1	10
5	10	50
Total		228



Hyderabad, TG, India
Sardar Patel Road, Begumpet,
Lat 17°26'32"N, Long 78°27'32"E
01/17/2022 05:52 PM

