



Goa University

Discipline of Mathematics, School of Physical and Applied Sciences

Report on Extension Activity

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|---|---|
| 1. Title of the Event/Activity/program | Extension Activity |
| 2. Date and Time | July 24 th ,2023 and August 2 nd ,2023, 11:00a.m. to 2:00 p.m. |
| 3. Mode of conduct (Physical/Online) | Physical |
| 4. School/ Directorate/ Section | SPAS |
| 5. Collaborating Agency/School/Directorate | ----- |
| 6. Detail of the Resource Person (Brief biodata) | ----- |
| 7. Number of Faculty attended/participated | 5 |
| 8. Number of Student attended / participated | 14 |
| 9. No. of external students/faculty/other participants | 65 |
| 10. The objectives of the Program/activity/event | The main objective of the activity was to create awareness and liking towards the mathematics subject among the high school students. Also, to make them aware about the simple techniques used for solving different problems around us using mathematical models. The models were then handed over to the school for their reference in future. |
| 11. Description of the Program/activity/event | The students at School of Physical and Applied Sciences, Mathematics discipline, |

| | |
|--|--|
| | <p>Goa University under the guidance of Dr. Mridini M. Gawas had made posters and Mathematical Models on various topics in Mathematics. In order to create awareness among the school students and as an initiative towards increasing their interest and liking towards the subject, posters and models were then displayed in few nearby schools in the vicinity of Goa University which included Govt. High School, Dona Paula and Auxilium Convent High School, Caranzalem. Students of SPAS explained the models and Posters to the students of these schools. Students from standard 7 to 10" actively participated in the interaction. Various concepts like different parts of circle, how to find the height of any tower without climbing on it, 2D and 3D objects, finding square root and cube root were explained them using the models in a very interesting and simple way. Posters included Mathematics in various fields like nature, dance, music etc. The models and posters were donated to the school for the students to refer and use whenever required in future. Students of SPAS, Mathematics got an opportunity to enhance their teaching and communication skills towards School students.</p> |
| <p>12. Benefit/Key outcomes of the Program/activity/event</p> | <p>The students can refer to the posters and models given to them any time in future. The teachers can also use them in classroom while teaching for explaining some simple concepts in mathematics. Our students got experience of teaching in school.</p> |
| <p>13. Enclosures with report</p> | <p>Enclosed</p> |

Signature: 

Name of coordinator M. Tambam

Designation: Assistant Professor

Signature 

Dean/Director/Head

Seal of the School/Directorate/University

Date: 08/08/2023

Option 2 Format



Goa University

Discipline of Mathematics, School of Physical and Applied Sciences Report on Extension Activity

The students at School of Physical and Applied Sciences, Mathematics discipline, Goa University under the guidance of Dr. Mridini M. Gawas had made posters and Mathematical Models on various topics in Mathematics. In order to create awareness among the school students and as an initiative towards increasing their interest and liking towards the subject, posters and models were then displayed in few nearby schools in the vicinity of Goa University which included Govt. High School, Dona Paula and Auxilium Convent High School, Caranzalem. Students of SPAS explained the models and Posters to the students at these schools. Students from standard 7th to 10th actively participated in the interaction. Various concepts like different parts of circle, how to find the height of any tower without climbing on it, 2D and 3D objects, finding square root and cube root were explained to them using the models in a very interesting and simple way. Posters included Mathematics in various fields like nature, dance, music etc. Dr. Mridini M. Gawas, Dr. M. Kunhanandan and Mr. Brendon Fernandes accompanied the students. Total 14 students were involved in the activity. The models and posters were donated to the school for the students to refer and use whenever required in future.

Attendance

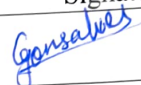
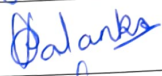






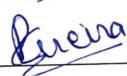
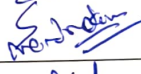
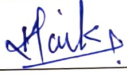

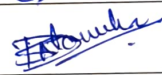
The following students from SPAS, Mathematics Discipline attended the extension activity programme held at Auxilium Convent High School, Caranzalem on 2nd August 2023.

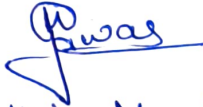
| Sr. No. | Name | Signature |
|---------|--------------------------|------------------|
| 01 | CLARISA SARINA GONSALVES | <i>Gonsalves</i> |
| 02 | CALLISTA VALANKA CABRAL | <i>Valanka</i> |
| 03 | BHAVANA VINOD KHEDEKAR | <i>Khedekar</i> |
| 04 | VIJAYKUMAR NATEKAR | <i>Natekar</i> |
| 05 | Sammudhi Uday Vaigankar | <i>Vaigankar</i> |
| 06 | Shambhavi A. Manerikar | <i>Manerikar</i> |
| 07 | Adan J. Fernandes | <i>Fernandes</i> |
| 08 | Nikhil Kulkikar | <i>Kulkikar</i> |
| 09 | Caridi Perera | <i>Perera</i> |
| 10 | Sabari Mondrekar | <i>Mondrekar</i> |
| 11 | PALLAVI NAIK | <i>Naik</i> |
| 12 | Kristali Matonkar | <i>Matonkar</i> |
| 13 | Shirani Narvekar | <i>Narvekar</i> |
| 14 | | |

M. Gawas
(Mridini M. Gawas)

Attendance

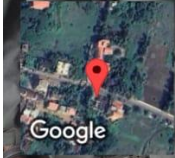
The following students from SPAS, Mathematics Discipline attended the extension activity programme held at Govt. High School, Dona Paula on 24th July 2023

| Sr. No. | Name | Signature |
|---------|--------------------------|--|
| 01 | CLARISA SARINA GONSALVES |  |
| 02 | CALLISTA VALANKA CABRAL |  |
| 03 | KARINA BHISSO VELU |  |
| 04 | VIJAY KUMAR NATEKAR |  |
| 05 | BHAVANA VINOD KHEDEKAR |  |
| 06 | Adan J. Fernandes |  |
| 07 | Chetali Damodar Naik |  |
| 08 | Nikhil Kuttiker |  |
| 09 | Caridi Pereira |  |
| 10 | Saboni Mondrekar |  |
| 11 | PALLAVI NAIK |  |
| 12 | Krutali Matonkar |  |
| 13 | Shivani Narvelkar |  |
| 14 | | |


(Mridini M. Gawas)

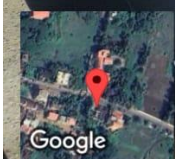






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FRC7+P98, Kerant, Caranzalem, Panaji, Goa 403002, India
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Long 73.813461°
02/08/23 12:59 PM GMT +05:30

GPS Map Camera

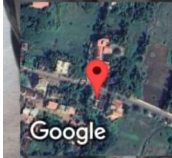


Panaji, Goa, India
FRC7+P98, Kerant, Caranzalem, Panaji, Goa 403002, India
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02/08/23 12:58 PM GMT +05:30

GPS Map Camera



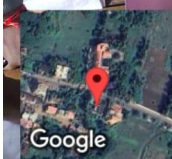
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Long 73.813478°
02/08/23 12:55 PM GMT +05:30



GPS Map Camera



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02/08/23 11:48 AM GMT +05:30



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