Departmental activities
Department of the Mathematics
F. A. Ahmed College, Garoimari

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Sl. No.	Activity	Topic	Date	Remark
01.	Group Discussion	Continuity and Differentiation	20-10-2016	
02.	Seminar Cum Lecture Programm	Solution of a System of Linear Equation by Matrix Method"	10-11-2016	
03.	Group Discussion	Pair of Straight Line	07-04-2017	
04.	Departmental Seminar	Mathematics and its Importance in other field	23-09-2017	
05.	Lecture Programm	Sequence and Series	06-04-2018	
06.	Departmental Seminar	Complex Numbers	25-10-2018	
07.	Group Discussion	De-Moivers Theorem	06-02-2019	
08.	Lecture Programm	Scalar Triple Product and Vector Triple Product of Vectors	04-04-2019	
09.	Departmental Seminar	Various functions and their Graphs	03-10-2019	
10.	Group Discussion	Partial Derivatives on Several Variables	16-11-2019	
11.	Initiatives during Covid Pandemic	Notes are provided through whatsapp. Confusions are tried solve via online mode.	April-May/2020	
12.	Departmental Seminar	Mean Value Theorems and their Geometrical Significance	07-12-2020.	
13.	Celebration of National Mathematics Day	Lecture on Biography of Sri Nivash Ramanujan	22-12-2020	
14.	Group Discussion	Solution of Cubic and Biquadratic Equation	04-02-2021	
15.	Academic Initiatives during Covid Pandemic	Notes are provided through whatsapp to finish uncover syllabus	May-June/2021	
16.	Training Program	Writing Equation in Microsoft Word	08-11-2021	
17.	Departmental Seminar	Application of Mathematics in our Daily lives	03-12-2021	
18.	Celebration of National Mathematics Day	Lecture on Biography and Contribution of Sri Nivash	22-12-2021	

		Ramanujan		
19.	Departmental Seminar	Successive Differentiation	08-02-2022	
20.	Group Discussion	Scoring Good Marks in Mathematics	24-06-2022	
21.	Alumni Meet	---	07-08-2022	
22.	Departmental Seminar	Seminar cum Lecture program on Sequence and Series	01-02-2023	
23.	Departmental Tour	Shillong	21-02-2023	

1. **Group Discussion**: Group discussion on "Continuity and Differentiation" has been organised among the Students of the Department on 20-10-2016 where it wars endeavoured to derive the fundamental concepts on Continuity and Differentiation.

2. **Seminar Cum Lecture Programm**: A seminar cum Lecture Programme has been organised on "Solution of a System of Linear Equation by Matrix Method" on dated 10-11-2016 where lecture was delivered on various aspects of the said topic and students are tried to make confident about the solution method. Students are also participated in the lecture programme for enhancing their delivering skill.

3. **Group Discussion**: Group discussion on "Pair of Straight Line" has been organised among the Students of the Department on 07-04-2017 where it wars endeavoured to enhance the learning outcome on general equation of second degree and the conditions for representing a pair of straight line.

4. **Departmental Seminar**: A departmental Seminar was organised in the Department of Mathematics on "Mathematics and its Importance in other field" on 23-09-2017. Students are tried to make familiar with the broadness and importance of Mathematics in other fields.

5. **Lecture Programme**: A lecture Programm on "Sequence and Series" has been organised among all the students of the department and the students are tried to enhance their learning outcome in the said topic and to improve their delivering skill.

6. **Departmental Seminar:** A departmental Seminar on "Complex Numbers" has been organized in the Department of Mathematics on 25-10-2018 where the students are tried to make sound with the basic knowledge of Complex Numbers and tried to develop their skill of deliberation.

7. **Group Discussion:** Group discussion on "De-Moivers Theorem" has been organised among the Students of the Department on 06-02-2019 where it wars endeavoured to

derive the basic knowledge regarding De-Moivers Theorem and its application in problem solving.

8. **Lecture Programme**: A lecture Programm on "Scalar Triple Product and Vector Triple Product of Vectors" has been organised among all the students of the department on 04-04-2019 and the students are tried to enhance their learning outcome in the said topic and to improve their delivering skill.

9. **Departmental Seminar**: A departmental Seminar has been organised in the Department of Mathematics on "Various functions and their Graphs" on 03-10-2019. In the Seminar, the graphical representation of various functions

10. **Group Discussion:** Group discussion on "Partial Derivatives on Several Variables" has been organised among the Students of the Department on 16-11-2019 where it wars endeavoured to derive the basic knowledge on Partial Derivatives on Several Variables.

11. **Initiatives during Covid Pandemic:** During the Covid Pandemic April-May/2020, hand written notes are provided through whatsapp. Confusions are tried minimize over phone, whatsapp etc.

12. **Departmental Seminar**: A departmental Seminar has been organised in the Department of Mathematics on "Mean Value Theorems and their Geometrical Significance" on 07-12-2020. Through the Seminar, Students are tried to make sound with the basic knowledge of MVT's.

13. **Celebration of National Mathematics Day:** The National Mathematics day has been celebrated by the department on 22-12-2020 on the occasion of the Birth anniversary of great Indian Mathematical legend Srinivasa Ramanujan. Through the celebration, Students are to encourage towards mathematics and to make aware with the biography and contribution of Ramanujan in the field of Mathematics.

14. **Group Discussion:** Group discussion on "Solution of Cubic and Biquadratic Equation" has been organised among the Students of the Department on 04-02-2021 where it wars endeavoured to derive the solution techniques of Cubic and Bi-quadratic Equation.

15. **Initiatives during Covid Pandemic:** During the Covid Pandemic May-June /2021, hand written notes are provided through whatsapp, Confusions are tried minimize over phone, whatsapp etc.

16. **Training Programm:** A training programm on **"Writing Equation in Microsoft Word"** has been organized on 08-11-2021 among the students to enhance their learning level in regard to writing Mathematical Equations in Microsoft Word. Demo Sessions are

organised where students are well participated to demonstrate the same as practice by their own.

17. **Departmental Seminar**: A departmental Seminar has been organised in the Department of Mathematics on "Application of Mathematics in our Daily lives" on 03-12-2021. Through the Seminar, various application of mathematics has been discussed by our faculty members and Students are also offered the dice to present them on the theme as a mark of enhancing their delivering skill.

18. **Celebration of National Mathematics Day:** The National Mathematics day has been celebrated by the department on 22-12-2021 on the occasion of the Birth anniversary of great Indian Mathematical legend Srinivasa Ramanujan. Through the celebration, Students are to encourage towards mathematics and to make aware with the biography and contribution of Ramanujan in the field of Mathematics.

19. **Departmental Seminar**: A departmental Seminar has been organised in the Department of Mathematics on "Successive Differentiation" on 08-02-2022. Through the Seminar, Students are endeavoured to make well familiar with the basic knowledge of Successive differentiation.

20. **Group Discussion:** Group discussion on "Scoring Good Marks in Mathematics" has been organised among the Students of the Department on 24-06-2022 where it was tried to give knowledge to the students regarding various tips for scoring good marks in mathematics.

21. **Alumni Meet:** An Alumni Meet of the department of Mathematics has been convened on 07-08-2022 in the College in presence of Principal i/c. A nice and frankly discussion has been arranged among the faculty and Alumni's in the meet. Their present status has been recorded and feedbacks are collected through the open discussion. Finally, a committee
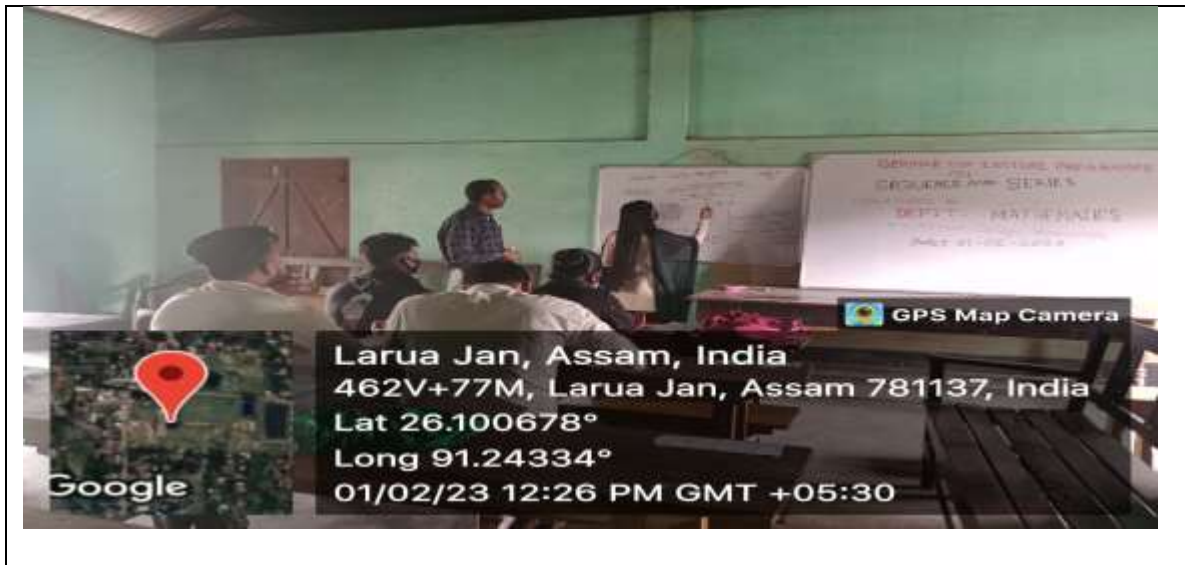
of Alumni has been constituted and tried to record all the relevance related to Alumni's of the College.

22.

23. **Seminar cum Lecture Programm**: A departmental Seminar has been organised in the Department of Mathematics on "Seminar cum Lecture program on Sequence and Series" on 01-02-2023. Through the Seminar, Students are endeavoured to make well familiar with the basic knowledge of sequence and Series.

24. **Departmental Tour:** A departmental tour to Shilong has been organized by the Department of Mathematics on 21-02-2023. Through the tour, the students of the department are facilitate to visit some places of Meghalaya like Barapani, Elephant water fall, Shilong pick etc having geographical importance.