

## Department of Physics, Don Bosco College, Tura


### Report on the students' seminar of 5<sup>th</sup> Semester B.Sc. Physics, 2019

A students' seminar was organized by the Department of Physics, under the charge of Dr. Yubaraj Sharma on the 8<sup>th</sup> and 9<sup>th</sup> of August, 2019 for the 5<sup>th</sup> Semester students. The seminar was a part of continuous internal assessment. Each student was assigned a topic and allotted 15 minutes to present his/her presentation on the white board.

The topics were from the syllabus of the papers *PHY05(T) - Mathematical Physics, Quantum Mechanics* and *PHY06(T) Electrodynamics, Electronics-II*. This exercise had three-fold advantage in that the students were given a platform to exercise their public speaking skills, the topics were relevant for their upcoming exams and the allocation of internal marks provided incentive to take this task seriously.

The following are the list of students and their topics:

Sl. No.	Student's Name	Topics
1	Chelsea K Marak	Orthogonal Curvilinear Coordinates
2	Chesil Tean B marak	Conditions for Orthogonality
3	Desanchi Ch Marak	Gradient in terms of Curvilinear Coordinates
4	Dyutimay Saha	Divergence in terms of Curvilinear Coordinates
5	Ismerelchi Ch Sangma	Curl in terms of Curvilinear Coordinates
6	Lebanon D Sangma	Laplacian in terms of Curvilinear Coordinates
7	Mousami Ghosh	Cylindrical Coordinates as a special curvilinear system
8	Paul R Sangma	Spherical Polar Coordinates as a special curvilinear system
9	Rahul Sinha	LOGICAL variable and subscripted variable
10	Ranu Relly M Sangma	Executable statements and Assignment statements
11	Samir Ch Koch	Divergence and Curl of a vector field
12	Shamim Archina Begum	INTEGER constants, REAL constants and COMPLEX constants
13	Surya Dahal	Input statements (formatted and unformatted)
14	Upasana Basumatary	IF statements
15	Waivy Chaban M Marak	GO TO statements



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