

To

Prof. Chiranjib Bhattacharjee

The Dean, FET

Jadavpur University

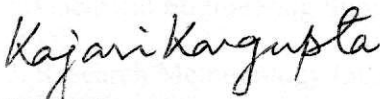
24-11-2017

Dear Prof. C. Bhattacharjee

Enclosed please find the Minutes of BOS regarding

- (i) Syllabus of the written admission test for PhD entrance examination
- (ii) Opinion on draft of 1<sup>st</sup> year common curriculum

With kind regards



Kajari Kargupta

DR. KAJARI KARGUPTA  
Professor & Head  
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**Minutes of the Emergency meeting held on 23<sup>rd</sup> November 2017 at 2-30 P.M. in  
the Old Seminar Room, Chemical Engineering Department**

The members present:

Prof. Kajari Kargupta in the Chair

Prof. R. Chowdhury	Prof. P. Das
Prof. C. Bhattacharjee	Dr. R. Dutta
Prof. U. Sarkar	Ms. S. Sardar
Prof. R. Chakraborty	

**Agenda1: Syllabus of the written admission test for PhD entrance**

Resolution:

The BOS, Chemical Engineering Department proposed the following syllabus of the written admission test for PhD entrance examination

1. Chemical Engineering Subjects (50 marks)

2. Research Methodology (50 marks)

Mathematics: Matrices, Algebraic equations, Ordinary Differential equations, Partial differential equations, Laplace transformation;

Statistical Method: Regression, Error analysis;

Numerical Methods for solving Linear and nonlinear algebraic equations, ODEs, IVP and BVP, Partial differential equations;

Design of experiment.

The meeting ended with vote of thanks to the Chair.

*Kajari Kargupta*