



**DEPARTMENT OF JUTE AND FIBRE TECHNOLOGY  
INSTITUTE OF JUTE TECHNOLOGY  
UNIVERSITY OF CALCUTTA**

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**NOTICE FOR Ph.D Course Work in Textile Technology 2018**

Ph.D coursework 2018 in Textile Technology for this Department under the Faculty of Engineering and Technology, University of Calcutta will be conducted from July 02, 2018 to July 31, 2018 at Department of Jute and Fibre Technology, Institute of Jute Technology, University of Calcutta, 35, Ballygunge Circular Road, Kolkata - 700019. Classes will be held in two sessions-morning (11:00 a.m to 2:00 p.m.) and afternoon (3.00 p.m to 6:00 pm) on all working days except Saturday and Sunday.

Registered Ph.D. Candidates and provisionally enrolled Ph.D. Candidates for Ph.D. in Textile Technology under the Faculty of Engineering & Technology, C.U. are eligible to apply for said course. Syllabus for the course work is given below:

Accordingly eligible candidates are requested to submit their application in the prescribed format (given below) to the HOD, DJFT, IJT, CU on or before 20<sup>th</sup> June 2018.

**(PROF. ASIS MUKHOPADHYAY)**  
**Head of the Department**  
**DJFT, IJT, CU**

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**APPLICATION FOR Ph.D COURSEWORK 2018 FOR REGISTERED PH.D. CANDIDATES AND PROVISIONALLY ENROLLED PH.D. CANDIDATES FOR PH.D. IN TEXTILE TECHNOLOGY UNDER THE FACULTY OF ENGINEERING AND TECHNOLOGY, UNIVERSITY OF CALCUTTA**

**July ,2018**

- 1) Name:
- 2) Father/guardian's name:
- 3) Address with PIN Code:
- 4) Phone no.& e-mail:
- 5) Subject in which M.Tech/ B.Tech/ M.Sc. was obtained:
- 6) Name of the University and Year of Passing M.Tech/ B.Tech/ M.Sc.:
- 7) Whether NET/GATE qualified with year:
- 8) Department where Enrollment /Registration for Ph.D is done:
- 9) Name and designation of supervisor:
  
- 10) Date and number of Ph.D. enrollment Certificate:  
(Copy to be attached)
- 11) Date and Number of Ph.D. registration Certificate:  
(Copy to be attached)
- 12) Present status of research work in brief :

Date:  
Place

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Signature of the Candidate

Forwarded  
(Supervisor, with name and seal)

APPROVED BY

(HOD with name and seal)

**Syllabus of the Ph.D. Coursework in Textile Technology  
(Under the Faculty of Engineering & Technology, University of Calcutta)**

**PhD COURSE WORK IN TEXTILE TECHNOLOGY (One Semester Equivalent Course )**

For PhD Research in Textile Technology Under The University of Calcutta

To be Conducted at Department of Jute and Fibre Technology, Institute of Jute Technology, University of Calcutta , Kolkata - 700 019

**1. General Common Two Papers for PhD Course work to be conducted at University of Calcutta at Department of Jute and Fibre Technology, C.U. for candidates enrolled / registered in Ph.D. Program in Textile Technology under University of Calcutta or at a common place for All Branches of PhD research under University of Calcutta.**

<b>Two General Common Papers to be conducted for All Branches of PhD Candidates</b>				
Paper no. & Code	Subject	Full Marks	Credit	Contact Hours
Paper : I (Common Course-01 )	<b>Research Methodology</b>	<b>100</b>	<b>5</b>	<b>40-45</b>
Paper : II (Common Course-02 )	<b>Computer Application &amp; Quantitative Methods</b>	<b>100</b>	<b>5</b>	<b>40-45</b>
	<b>Total ( for two General common papers )</b>	<b>200</b>	<b>10</b>	<b>80-90</b>

**2. Two Discipline specific Subject papers for PhD course work in Textile Technology to be conducted at the Department of Jute and Fibre Technology, Institute of Jute Technology, University of Calcutta.**

<b>Two Subject papers to be conducted at the Department ( Two papers to be opted out of any four from the followings )</b>				
Paper no. & Code	Subject	Full Marks	Credit	Contact Hours
Paper : TT-1 (Course No. PhD-TT-01)	<b>High performance Polymers &amp; Fibres and Testing</b>	<b>100</b>	<b>5</b>	<b>40-45</b>
Paper : TT-2 (Course No. PhD-TT- 02)	<b>Advances in Textile Chemical Processing and Chemical Testing</b>	<b>100</b>	<b>5</b>	<b>40-45</b>
Paper : TT-3 (Course No. PhD-TT- 03 )	<b>Advances in Yarn Manufacture and Testing</b>	<b>100</b>	<b>5</b>	<b>40-45</b>
Paper : TT-4 (Course No. PhD-TT- 04 )	<b>Advances in Fabric Manufacture and Testing</b>	<b>100</b>	<b>5</b>	<b>40-45</b>
	<b>Total ( for two subject papers )</b>	<b>200</b>	<b>10</b>	<b>80-90</b>
	<b>Grand Total ( For two common papers and two Subject papers )</b>	<b>400</b>	<b>20</b>	<b>160-180</b>

(Assessment will be made through a written test , assignments , Review work and seminar on a suitable topics related to the above papers , where 70 marks will be for written test and 30 marks will be for assignments and others for each paper )