

**DEPARTMENT OF JUTE AND FIBRE TECHNOLOGY  
INSTITUTE OF JUTE TECHNOLOGY, UNIVERSITY OF CALCUTTA  
35, BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700 019**

Telephone : (033) 2461-5444/5477/5326

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Ref No. PGDM Course/2011-12/CIR-17



Telefax : (033) 2461-5632

Website : [www.ijtindia.org](http://www.ijtindia.org)

Date : 03/11/2011

**Circular For Admission to  
Post B.Sc. Four Semester PG Diploma in Jute Technology and Management**

**DJFT-Advt. No-3/2011**

Department of Jute and Fibre Technology, Institute of Jute Technology, Calcutta University, announces early commencement of the **Post B.Sc. Four Semester PG Diploma in Jute Technology and Management** for sustainable HRD for Jute Sector to be conducted in this department for Sponsored and General (Non-sponsored) Candidates.

1. **About the Course** : This Post B.Sc. Four Semester PG Diploma in Jute Technology and Management is the course approved by Calcutta University and AICTE mainly designed to suit the Diploma level technical manpower requirement as Technical supervisors for Jute industry and related organizations.
2. **Intake:**  
**Total Seats: 60** (50% for sponsored and 50% for non-sponsored candidates.). However, if seats for sponsored candidates remain vacant, those will filled up by non-sponsored candidates. Reservation for SC/ST/PH candidates are as per rules of the Calcutta University.
3. **Eligibility for Admission:**  
Pass in three years B. Sc. Examination with Physics and Chemistry as two compulsory papers (along with other possible combination, such as, Mathematics/Statistics/Computer, etc.) of the University of Calcutta or any other University, recognized by the University of Calcutta.
4. **Admission Procedure :**  
A common admission test for all categories of candidates will be conducted by the Department. The admission test will comprise one paper of 100 marks with four subgroups, viz. (i) General knowledge and English, 30 marks (ii) Mathematical aptitude, 30 marks (iii) Physics and Chemistry, 40 marks.

5. **Course Fee:** For sponsored candidates: Rs. 20,000/- per semester and for non-sponsored candidates: Rs. 10,000/- per semester plus miscellaneous other fees as applicable for all categories of candidates
6. **Sponsorship:** Jute Mill/Jute Organization may sponsor candidates for the Post B.Sc. Four Semester PG Diploma in Jute Technology and Management course. For the sponsored candidates, original letter of sponsorship from the Unit Head of the Sponsoring Organization/Unit/Mill (Director/ President/General Manager/Mill Manager/ Chief Executive/Executive Director with full name and office seal) mentioning the total experience, if any, is to be produced in the prescribed separate format, attached herewith, to this office during submission of application form and also during verification of qualification and other testimonials during admission between 11.00 A.M. and 2 P.M. on 16<sup>th</sup> and 17<sup>th</sup> January, 2012.
7. **Important Dates :**  
Last date of submission of application: 30<sup>th</sup> December, 2011 with fee Rs 500/- in cash (For SC/ST/PH candidates: application fee – Rs 250/-.); Admission Test: **5<sup>th</sup> January, 2012, 11 AM. Admission date: 16<sup>th</sup> and 17<sup>th</sup> January, 2012. Commencement of the class: 20<sup>th</sup> January, 2012.**
8. **Application Form :**  
All candidates have to submit application in prescribed form available from office of the Department or website [www.caluniv.ac.in](http://www.caluniv.ac.in) (go to News & Announcement or [www.ijtindia.org](http://www.ijtindia.org) (go to Advertisement).
9. **Requirements During Admission :**  
(a) B Sc. Pass Certificate / Provisional certificate and/or Marksheet (b) Madhyamik Certificate as proof of age (c) Medical Certificate for medical fitness (d) Relevant Certificate for SC/ST /OBC/PH candidate and (e) Transfer Certificate, / no objection certificate /proof of admission cancellation, if already admitted to other College (f) If Sponsored, original letter of sponsorship in prescribed format and No objection from present employer, if the candidate is presently employed anywhere and (i) The course fee in full as applicable for the first semester of this PGDJTM course, to be paid by a demand draft in favour of “**Department of Jute and Fibre Technology, Institute of Jute Technology, Calcutta University**, payable at Kolkata.
10. **Contact Persons ( Course Coordinators) :** Dr Asis Mukhopadhyay ( Mobile – 9433882282; e.mail: [drasismukhopadhyay@gmail.com](mailto:drasismukhopadhyay@gmail.com) ) and Dr. Swapan Kumar Ghosh (Mobile – 9831324354; e.mail: [ijtskg40@gmail.com](mailto:ijtskg40@gmail.com) )

APPLICATION NO : .....

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**Application Form for Admission to  
Post B.Sc. Four Semester PG Diploma in Jute Technology and Management**

- 01 Name of the Course applied for :
02. Name in Full (Capital letters) :
03. Address with e-mail and phone no. :
- a) Present
- b) Permanent :
04. a) Date of Birth\* :
- b) Age as on 1<sup>st</sup> Jan. 2012 :
05. Nationality :
06. Weather SC/ST/PH/ General :  
( If SC/ST/ PH , attach certificate from appropriate authority)
07. Name of farther/guardian :
08. Address of father/guardian with e-mail and phone no. :

08. CATEGORY : Non-sponsored / Sponsored  
if sponsored, give the name of the sponsoring organization/mill with address, e-mail and phone no. and also attach the letter of sponsorship

09. Academic record\*  
Examination Board/University : Year Division/ Class % of Marks Subjects

10. Working experience\*, if any  
Organization Length of service Type of experience

18. List of Testimonials attached :

The details given above are true and correct to the best of my knowledge

Date : .....  
Signature of the Candidate

Place :

*\*Attested copies of relevant certificates to be attached with the application form*

**Form / Model Sponsoring Certificate**

**TO BE ISSUED BY THE SPONSORING AUTHORITY IN THEIR LETTER HEAD :**

**To**

**The Head of The Department**

**Department of jute and fibre technology  
Institute of jute technology, University of Calcutta  
35, Ballygunge circular road, Kolkata – 700 019**

**Sub: Sponsoring for Post B.Sc. Four Semester Post Graduate Diploma Course in Jute Technology and Management for the session -2011-12**

**Sir,**

This is to Certify that our Mill \_\_\_\_\_(name of Mill) is sponsoring Shri \_\_\_\_\_(name of the candidate ) to prosecute studies in the Post B.Sc. Four Semester Post Graduate Diploma Course in Jute Technology and Management course at your Institute and the candidate has preliminary experience in working in our jute mill for -----months/years .

We also agree to pay his tuition fee of Rs.20,000/- per semester for the said PG Diploma course payable by draft in favour of **“Department of Jute and Fibre Technology, Institute of Jute Technology- A/c Mill service Division”** payable at Kolkata **within specified date of admission.**

So, we recommend his admission as a sponsored candidate to the above said PG Diploma in Jute Technology and Management course for this session.

Date :

\_\_\_\_\_  
(HEAD OF SPONSORING UNIT\*/Mill WITH SEAL)

\*Head of Sponsoring Unit /Mill: Director/ President/General Manager/Mill Manager/Chief Executive/Executive Director.

## Schedule of Papers for Post B.Sc. Four Semester Post Graduate Diploma Course in Jute Technology and Management

### 1<sup>st</sup> Semester

Paper code		Paper Title	Marks			No of Period/Week			Credits assigned
			SA	ESE	Total	L	T	P	
<b>Theoretical Papers</b>									
Paper-1	DJT-101	Engg. Mathematics and Statistics	30	70	100	2	1	0	3
Paper-2	DJT -102	Mechanical Engineering-I	30	70	100	3	0	0	3
Paper-3	DJT -103	Electrical and Electronics Engg. - I	30	70	100	3	0	0	3
Paper-4	DJT -104	Economics, Accountancy and Costing	30	70	100	2	1	0	3
Paper-5	DJT -105	Jute & Other Textile Fibres	30	70	100	2	1	0	3
Paper-6	DJT -106	Communication Skill	30	70	100	2	1	0	3
		<i>Subtotal (Theoretical)</i>	<i>180</i>	<i>420</i>	<i>600</i>	<i>14</i>	<i>4</i>	<i>0</i>	<i>18</i>
<b>Practical Papers</b>									
Paper-1	DJT-151	Mech. Eng. Workshop Practice	30	70	100	0	0	3	2
Paper-2	DJT -152	Electrical Eng. Practical	30	70	100	0	0	3	2
Paper-3	DJT -153	Eng. Drawing – I Practical	30	70	100	0	0	3	2
Paper-4	DJT -154	Fibre & Textile Chemistry Practical	30	70	100	0	0	3	2
		<i>Subtotal (Practical)</i>	<i>120</i>	<i>280</i>	<i>400</i>	<i>0</i>	<i>0</i>	<i>12</i>	<i>8</i>
		<b>Total (1<sup>st</sup> Semester)</b>	<b>300</b>	<b>700</b>	<b>1000</b>	<b>14</b>	<b>4</b>	<b>12</b>	<b>26</b>

### 2<sup>nd</sup> Semester

Paper code		Paper Title	Marks			No of hrs./ Week			Credits assigned
			SA	ESE	Total	L	T	P	
<b>Theoretical Papers</b>									
Paper-1	DJT-201	Mech. Engineering - II	30	70	100	2	1	0	3
Paper-2	DJT -202	Electrical and Electronics Engg. - II	30	70	100	3	0	0	3
Paper-3	DJT -203	Yarn Manufacture - I	30	70	100	3	0	0	3
Paper-4	DJT -204	Fabric Manufacture - I	30	70	100	2	1	0	3
Paper-5	DJT -205	Textile Science – I	30	70	100	2	1	0	3
Paper-6	DJT -206	Management Principles & Human Resource Management	30	70	100	2	1	0	3
		<i>Subtotal (Theoretical)</i>	<i>180</i>	<i>420</i>	<i>600</i>	<i>14</i>	<i>4</i>	<i>0</i>	<i>18</i>

<b>Practical Papers</b>									
Paper-1	DJT-251	Yarn Manufacture –I Practical	15	35	50	0	0	2	1
Paper-2	DJT -252	Fabric Manufacture – I Practical	15	35	50	0	0	2	1
Paper-3	DJT -253	Textile Chemical Processing – I Practical	15	35	50	0	0	2	1
Paper-4	DJT -254	Textile Testing - I Practical	15	35	50	0	0	2	1
Paper-5	DJT -255	Mech. Engg. Workshop Practice	15	35	50	0	0	2	1
Paper-6	DJT -256	Electrical Engg. Practical	15	35	50	0	0	2	1
Paper-7	DJT-257	Engineering Drawing – II Practical	30	70	100	0	0	3	2
		<i>Subtotal (Practical)</i>	<i>120</i>	<i>280</i>	<i>400</i>	<i>0</i>	<i>0</i>	<i>12</i>	<i>8</i>
		<b>Total (2nd Semester)</b>	<b>300</b>	<b>700</b>	<b>1000</b>	<b>14</b>	<b>4</b>	<b>15</b>	<b>26</b>

### 3rd Semester.

Paper code		Paper Title	Marks			No of hrs./Week			Credits assigned
			SA	ESE	Total	L	T	P	
<b>Theoretical Papers</b>									
Paper-1	DJT-301	Jute Yarn Manufacture - II	30	70	100	2	1	0	3
Paper-2	DJT -302	Jute Fabric Manufacture - II	30	70	100	3	0	0	3
Paper-3	DJT -303	Textile Science –II	30	70	100	3	0	0	3
Paper-4	DJT -304	Fabric Structure & Diversified Jute Fabrics	30	70	100	2	1	0	3
Paper-5	DJT -305	Computer Applications	30	70	100	2	1	0	3
Paper-6	DJT -306	Financial Management and Marketing Management	30	70	100	2	1	0	3
		<i>Subtotal (Theoretical)</i>	<i>180</i>	<i>420</i>	<i>600</i>	<i>14</i>	<i>4</i>	<i>0</i>	<i>18</i>
<b>Practical Papers</b>									
Paper-1	DJT-351	Yarn Manufacture – II Practical	30	70	100	0	0	3	2
Paper-2	DJT -352	Fabric Manufacture –II Practical	30	70	100	0	0	3	2
Paper-3	DJT -353	Textile Chemical Processing – II Practical	15	35	50	0	0	2	1
Paper-4	DJT -354	Textile Testing – II Practical	15	35	50	0	0	2	1
Paper-4	DJT -355	Computer Applications Practical	30	70	100	0	0	3	2
		<i>Subtotal (Practical)</i>	<i>120</i>	<i>280</i>	<i>400</i>	<i>0</i>	<i>0</i>	<i>12</i>	<i>8</i>
		<b>Total (3rd Semester)</b>	<b>300</b>	<b>700</b>	<b>1000</b>	<b>14</b>	<b>4</b>	<b>12</b>	<b>26</b>

## 4th Semester

Paper code	Paper Title	Marks			No of hrs./ Week			Credits assigned	
		SA	ESE	Total	L	T	P		
<b>Theoretical Papers</b>									
Paper-1	DJT-401	Yarn Manufacture - III	30	70	100	3	0	0	3
Paper-2	DJT -402	Fabric Manufacture - III	30	70	100	3	0	0	3
Paper-3	DJT -403	Textile Sc.-III	30	70	100	2	1	0	3
Paper-4	DJT -404	Production Management & Industrial Eng.	30	70	100	2	1	0	3
Paper -5	DJT -405	Maintenance, Safety, and Energy Management	30	70	100	2	1	0	3
Paper-6	DJT -406	Mill Planning, Process Control & Quality Management	30	70	100	3	0	0	3
		<i>Subtotal (Theoretical)</i>	<i>180</i>	<i>420</i>	<i>600</i>	<i>15</i>	<i>3</i>	<i>0</i>	<i>18</i>
<b>Practical Papers</b>									
Paper-1	DJT-451	Yarn Manufacture – III Practical	15	35	50	0	0	2	1
Paper-2	DJT -452	Fabric Manufacture – III Practical	15	35	50	0	0	2	1
Paper-3	DJT -453	Textile Chemical Processing - III Practical	15	35	50	0	0	2	1
Paper-4	DJT -454	Textile Testing –III Practical	15	35	50	0	0	2	1
Paper-5	DJT -455	Mill Training Report & Viva- voce Examination*	30	70	100	0	0	--	2
Paper-6	DJT -456	Project Work	30	70	100	0	0	--	2
		<i>Subtotal (Practical)</i>	<i>120</i>	<i>280</i>	<i>400</i>	<i>0</i>	<i>3</i>	<i>8</i>	<i>8</i>
		<b>Total (4th Semester)</b>	<b>300</b>	<b>700</b>	<b>1000</b>	<b>15</b>	<b>3</b>	<b>12</b>	<b>26</b>

<b>GRAND TOTAL CREDIT</b>	<b>1200</b>	<b>2800</b>	<b>4000</b>				<b>104</b>
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- SA-Sessional Assesment; ESE- End Semester Examinations
- L- Lecture hour; T : Tutorial hour; P-Practical hour

\* Each candidate shall undertake Mill Training in jute mills for total 16 weeks in four semesters (4 weeks in each semester) which will be assessed at the end of Semester-IV.