



JADAVPUR UNIVERSITY

[www.jaduniv.edu.in]

**Annual Quality Assurance Report (AQAR)
By IQAC**

**for submission to
National Assessment & Accreditation Council**

AQAR 2016-2017

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

Jadavpur University

1.2 Address Line 1

188, Raja S.C Mallick Road

Address Line 2

Jadavpur

City/Town

Kolkata

State

West Bengal

Pin Code

700032

Institution e-mail address

jt_registrar_ac@admin.jdvu.ac.in

Contact Nos.

+91-33-24146666, +91-33-23355215

Name of the Head of the Institution:

Professor Suranjan Das

Tel. No. with STD Code:

91-33-2414-6000

Mobile:

+919830202966

Name of the IQAC Co-ordinator:

Professor Amitava Datta

Mobile:

+919831189810

IQAC e-mail address:

iqac_ju@admin.jdvu.ac.in
iqac.16@gmail.com

1.3 NAAC Track ID (For ex. MHC0GN 18879)

N/A

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC(SC)/03/RAR/74, dt 24-09-2014

1.5 Website address:

www.jaduniv.edu.in

Web-link of the AQAR:

http://www.jaduniv.edu.in/iqac.php

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A		2003	5 yrs
2	2nd Cycle		3.61	2008	5 yrs
3	3rd Cycle		3.68	2014	7 yrs
4	4th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

26/03/2003

1.8 AQAR for the year (for example 2010-11)

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR 2014-15 submitted to NAAC on 17/ 08/2017
- ii. AQAR 2015-16 submitted to NAAC on 17/ 08/2017

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

N/A

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	<input checked="" type="checkbox"/>		
University with Potential for Excellence	<input checked="" type="checkbox"/>	UGC-CPE	<input type="checkbox"/>
DST Star Scheme	<input checked="" type="checkbox"/>	UGC-CE	<input type="checkbox"/>
UGC-Special Assistance Programme	<input checked="" type="checkbox"/>	DST-FIST	<input checked="" type="checkbox"/>
UGC-Innovative PG programmes	<input checked="" type="checkbox"/>	Any other (<i>Specify</i>)	<input type="checkbox"/>
UGC-COP Programmes	<input type="checkbox"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="13"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="5"/>
2.3 No. of students	<input type="text" value="0"/>
2.4 No. of Management representatives	<input type="text" value="0"/>
2.5 No. of Alumni	<input type="text" value="0"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="0"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="0"/>
2.8 No. of other External Experts	<input type="text" value="3"/>
2.9 Total No. of members	<input type="text" value="21"/>
2.10 No. of IQAC meetings held	<input type="text" value="4"/>

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff / Students

Alumni

Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

Rs. 5,00,000 for 2012-17

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

N/A

2.14 Significant Activities and contributions made by IQAC

The University IQAC was constituted in 2003 and has been regularly reconstituted following the UGC regulation. The present committee was formed in 2015. The IQAC committee, comprising external members, deliberates on specific quality related issues and suggests to the university strategies and processes on the same. These suggestions from the IQAC are referred to the statutory authorities of the university, like the Executive Council and Faculty Councils, for discussion and subsequent implementation. The IQAC also gather and analyze quality parameters in terms of teaching-learning-evaluation, research & consultancy, student progression and activities, governance and others from the University and its stakeholders to comprehend the progress of the university in academics and research.

IQAC prepared the report submitted for ranking under NIRF 2017. The university secured 5th position in the University category, 9th position in Engineering and 12th position under Overall category. The scores obtained under different parameters have been analysed and compared by IQAC to suggest observations to the university administration to adopt necessary steps to upgrade the quality.

IQAC also played part in gathering the names of the journals recommended by the faculty members and uploading in the UGC portal.

The IQAC was involved in identifying high-performing and potential areas on which state of art research can be continued in the University. As a high performing institute in terms of Research and Professional practice, IQAC members decided that the potential needs to be utilized to its fullest extent and university should look for avenues through which promotion of facilities for international standard research activities can be supported. IQAC also helped the University in bridging with the alumni in various developmental activities.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC at the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
<ul style="list-style-type: none"> • Introducing e-governance in the Institute Management System • To introduce the culture of entrepreneurship and innovation among the students and research scholars • To prepare the necessary document for the application under National Institutional Ranking Framework in 2017 	<ul style="list-style-type: none"> • The e-governance system introduced in the Examination system. It is gradually being introduced in other systems as well • Entrepreneurship and Innovation culture has been set as one best practice. An Entrepreneurship Cell has been set up. The students are educated and awareness developed through the activities of the cell. • University applied for ranking under NIRF and secured 5th rank in the University category, 9th rank in Engineering and 12th rank under Overall category

* Academic Calendar of the year is attached as Annexure III.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The AQAR was placed in the IQAC meeting and then to the University Executive Council (EC).

EC accepted the report and endorses the plan of action set for the next year as mentioned in the report.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	3*	—	—	—
PG	78	—	—	—
UG	39	—	—	—
PG Diploma	11	—	—	—
Advanced Diploma	5	—	—	—
Diploma	11	—	—	—
Certificate	22	—	—	—
Others	2	—	—	—
Total	172	—	—	—
Interdisciplinary	45	—	—	—
Innovative	—	—	—	—

* Ph.D programmes are offered by the Faculty of Arts, Faculty of Engineering and Technology and Faculty of Science.

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	128
Trimester	0
Annual	38

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**The feedback is taken by the faculty members from many departments and analysed at the departmental level for improvement in Teaching-Learning process.*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, syllabus up gradation is regularly done at an interval of 5 years.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	622	214	100	308	0

2.2 No. of permanent faculty with Ph.D. 577

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	23	112	14	103	02	79	—	—	39	294

2.4 No. of Guest and Visiting faculty and Temporary faculty 314 1 17

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	48	149	32
Presented papers	216	140	12
Resource Persons	231	614	134

2.6 Innovative processes adopted by the institution in Teaching and Learning:

The university encourages student-centric learning through group learning, tutorials, interactions with experts from India and abroad, visits to industry and taking internship, arranging group seminars and projects among others. The university also encourages students towards e-learning and various university bodies, like school of mobile computing and communication, school of cultural texts and records and school of educational technology, are involved in developing such resources for the benefits of the students.

In recognition to the academic excellence UGC has accorded the status of CAS to nine departments, DSA to two departments and DRS to five departments. Seven departments have been brought under the ambit of FIST programs.

2.7 Total No. of actual teaching days during this academic year 225

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

622	622	622
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2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
PhD	420	—	—	—	—	—
M.Phil	185	—	—	—	—	—
M.Tech	468	—	89.10	5.56	—	—
M.Sc	313	—	83.39	7.03	—	—
M.A	711	—	74.12	20.96	—	—
B.Tech	1047	34.44	35.19	16.91	—	—
B.Sc	250	—	64.4	17.6	—	—
B.A	636	—	65.72	26.26	—	—

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

As per University statute the teaching learning process is monitored by the Board of Studies of the departments, administrative committees of the schools and the faculty councils of the respective faculties. The deans of the faculties as members of the IQAC Committee share relevant information within IQAC amongst the members. Suggestions of the IQAC members are put up through the Deans in the University Faculty Councils and also to the Board of Studies for consideration.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	57
UGC – Faculty Improvement Programme	4
HRD programmes	0
Orientation programmes	15
Faculty exchange programme	18
Staff training conducted by the university	1
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	18
Others	19

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	814	215	5	0
Technical Staff	453	115	1	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Jadavpur University has a rich heritage of encouraging cutting-edge research across all the faculties, and has received national and international recognition for its research initiatives and output. Inter- and multi-disciplinary research has been given high priority in the university. IQAC has always given importance to the inter- and multi-disciplinary research and has identified it as one of the best practices in the university. A research centre is coming up in collaboration with DRDO for promoting advanced research in the areas of cyber security, energy and robotics.

IQAC deliberated with the four faculty councils of the University separately and jointly to chalk out perspective plans, with specific protocols, for research activities.

Young faculty members who join the university are actively encouraged to contribute to such research and given seed grants to kick-start their own research initiatives.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	34	108	65	-
Outlay in Rs. Lakhs	229.81	4462.08	848.57	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	16	7	-
Outlay in Rs. Lakhs	1.300	7.87	3.38	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	1122 (from SCOPUS)	167	352
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	449 (from SCOPUS)	55	28

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs.)	Received (Rs.)
Major projects	2016-17	Albert David Ltd.,Kol-72;American Jewish World Service,New York;BARC;British Library;Central-DBT;Centre for distributed computing;CIMPA;CSIR;DAE;DBT;DEIT,MCIT,GOI ;Dept. of Food Processing Industries & Horticulture, GoWB;DIT-NPPE;Dr.Mridula Nath Chakraborty,Monash Asia Institute;DRDO Group;DST PROJECT;Emami Ltd;ICSSR;Irrigation & Waterways Directorate,Teesta Barrage Project, Mahananda Barrage Divn., Siliguri,Govt. o;ISRO Group;MAKAIAS;Media;Lab Asia(ITRA);Ministry of Food Processing Industries,Govt.of India;MNRE;MOES;National Tea Research Foundation (NTRF);R.D.Tata Trust through CDAC Kolkata;Research Centre Imarat , RCI, Hyderabad;RSSDI;SERB;Spices Board, Ministry of Commerce & Industry, GoI;St.John's University Queens, New York,USA;Tata Steel Nederland Technology B.V. Netherlands;UGC;UPE	45,79,83,759/-	45,79,83,759/-
Minor Projects	2016-17	UGC; DBT; CSIR; ICHR; DAE; DST PURSE II; University of Surrey, UK; ICMR; NASI(National Academy of Science India)	12,30,448/-	12,30,448/-
Interdisciplinary Projects	2016-17	University of Surrey, UK; DBT,Govt. of W.B;ICSSR;Ministry of Youth Affairs & Sports,Dept of Sports,GOI;UGC;DST;INCOIS;Ministry of Earth Science,GoI;National Remote Sensing Centre, Dept. of Space,GOI;West Bengal State Forest Development Agency; Dev.Research Communication Service Centre(DRCSC),Kolkata; DRCSC,Kolkata; University of Southampton, UK;M/s Rahima frooz Renewable Energy Ltd.; Victoria Memorial Hall; British Council; AJWS; British Library, London;DAE;DEIT,MCIT,GOI; British High CommissionNew Delhi; IDRC	6,03,79,428/-	6,03,79,428/-
Industry sponsored	2016-17	Different industries through University IIPC	14,71,56,313/-	14,71,56,313/-
Projects sponsored by the University/ College	—	—	—	—
Students research projects (other than compulsory by the University)	—	—	—	—

Any other (Specify)	2016-17	RUSA; COE, TEQIP-II; Indian Institute of Mass Communication, New Delhi; Camoes Instituto da Cooperacao e da Lingua, IP; Eindhoven University of Technology; Monash Asia Institute, Faculty of Arts, Australia; Blum Center for Developing Economics, University of California, Berkeley; Waseda University, Japan; Indo-US Sc & Tech Forum (IUSSTF), New Delhi; University of California; INSPIRE Network for Environment, New Delhi; UNICEF	3,57,07,998/-	3,57,07,998/-
Total	2016-17		70,24,57,946/-	70,24,57,946/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP	<input type="text" value="16"/>	CAS	<input type="text" value="9"/>	DST-FIST	<input type="text" value="7"/>
DPE	<input type="text" value="—"/>			DBT Scheme/funds	<input type="text" value="6"/>

3.9 For colleges

Autonomy	<input type="text" value="—"/>	CPE	<input type="text" value="—"/>	DBT Star Scheme	<input type="text" value="—"/>
INSPIRE	<input type="text" value="—"/>	CE	<input type="text" value="—"/>	Any Other (specify)	<input type="text" value="—"/>

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	65	129	11	41	0
Sponsoring agencies	26	23	4	6	0

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	2
	Granted	0
International	Applied	1
	Granted	1
Commercialised	Applied	0
	Granted	0

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
209	44	114	29	22	0	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

404

2613

3.19 No. of Ph.D. awarded by faculty from the Institution (during 2016-17)

420

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

137

SRF

78

Project Fellows

85

Any other

5

3.21 No. of students Participated in NSS events:

University level

6487

State level

70

National level

87

International level

1

3.22 No. of students participated in NCC events:

University level

0

State level

0

National level

0

International level

0

3.23 No. of Awards won in NSS:

University level

0

State level

2

National level

1

International level

0

3.24 No. of Awards won in NCC:

University level	<input type="text" value="0"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="0"/>	College forum	<input type="text" value="0"/>		
NCC	<input type="text" value="0"/>	NSS	<input type="text" value="77"/>	Any other	<input type="text" value="77"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Jadavpur University is creating the Eastern Regional Cyber Security Centre under the Govt. Of India's RUSA program.
- Special camps are organised on environment enrichment and conservation program, slum development and village development including yoga training and health check up.
- Department of Adult Continuing and Education Extension organises several extension and field outreach programs targeting rural underprivileged women and street children. Each of these programs is of six months duration.
- Department of Adult Continuing and Education Extension organizes an art and craft course for the persons with special needs for a duration of one year with a nominal course fee of Rs. 576.
- Special camps were organized through NSS for colony and slum development, health awareness, blood donation, educational kit distribution.
- NSS organized programmes for computer literacy for economically backward student.
- NSS organized cleaning and beautification programmes under "Swachh Bharat Abhiyan".
- NSS organized environmental awareness including preservation of natural resource and tree plantation programmes.
- NSS organized celebration of "2nd International Day of Yoga" at Jadavpur University Main Campus.
- Banamahotsab Week were observed at several places over the year through NSS.
- 'Triranga March' program was organized at Jadavpur University on 21st August, 2016.
- A workshop on 'Ill Effects of Drugs Abuse and Addiction' was organized at Gandhi Bhavan, Jadavpur University Main Campus on 25th October, 2016.
- An awareness programme on the topic 'E-banking & cashless payment' was organized on 1st December, 2016 at Jadavpur University main campus.
- Distribution of clothes, mosquito nets to the economically challenged people were organized several times in the year.
- Jadavpur University Day Care Centre is functioning successfully. University has decided to allot additional space for the extension of the centre.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	96.5 Ac	0	-	96.5 Ac
Class rooms	304	10	UGC Fund	314
Laboratories	335	2	UGC Fund	337
Seminar Halls	60	2	UGC Fund	62
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	0	152	UGC, DST, TEQIP, State Gov. University Source etc.	152
Value of the equipment purchased during the year (Rs. in Lakhs)	0	105.00	UGC, DST, TEQIP, State Gov. University Source etc.	105.00
Others	0	7200000	UGC, TEQIP, State Gov. University Source etc.	7200000

4.2 Computerization of administration and library

Library has the library management system, like Lib-sys and RFID system, in place by which OPAC service and Web-OPAC are being provided. Library has a large number of computers for general access and all these computers are connected to Internet and Intranet. The Central Library has a Learning Resource Centre under the Centre for Digital Library and Documentation with 60 nodes. Resource sharing through INFLIBNET, INDEST-AICTE and DELNET is done.

Computerization is also in place in the general administration of the University in a limited manner. The university examination system is largely computerized, where the students can fill up the forms, get admit card, and see results online. The university also has an extensive result archive. The finance section is partially computerized. The KMR section also uses a computerized package to maintain the records of the students.

The University has formulated a plan to install an e-governance system by utilizing the internal resources available in the University and the planning in this direction has been initiated.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value (Rs.)	No.	Value (Rs.)
Text Books	682731	N/A	4115	41,33,150/-	686846	-
Reference Books	15375	N/A	128		15503	-
e-Books	13556	1,50,08,989/-	630	16,64,952/-	14186	1,66,73,941/-
Journals	311	1,19,64,098/-	191	13,80,88,451/-	502	-
e-Journals	3057	4,95,27,363/-	3375		6432	-
Digital Database	26	-	7		33	-
CD & Video	6714	-	-	-	6714	-
Others (specify)	134000	-	-	-	134000	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	6124	59	6093	8	8	158	5966	0
Added	350	2	350	2	2	10	340	0
Total	6474	61	6443	10	10	168	6306	0

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

All the faculty members of the University have their personal desktop and laptop computers. University has provided laptop to the faculty members. Internet access given to all the computers of the faculty members through LAN or WiFi system. Work has been initiated of introducing e-governance in the University management system. This has been introduced in the Examination system with increased transparency in the system.

4.6 Amount spent on maintenance in lakhs :

i) ICT	253.76
ii) Campus Infrastructure and facilities	1151.43
iii) Equipments	384.28
iv) Others	777.97
Total :	2567.45

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC intends to build awareness regarding student support both among the students and the administration. IQAC gets feedback from the stakeholders, like the employers, to identify the areas where student support is required and accordingly discuss in the committee to come up with suggestions. Entrepreneurship and Innovation culture is being promoted among the students by considering it as one of the best practice and setting up the e-Cell. These have been done to support the “Make in India” initiative of the Government of India.

5.2 Efforts made by the institution for tracking the progression

University has taken several steps to track student progression through continuous evaluation by allotting assignments, through regular class tests and conventional midterm examination. Continuous evaluation is a priority goal in the system. The evaluated scripts are shown to students in the following class for discussion and clarification.

Jadavpur University is one of the few universities in the country to have a full-time Dean of Students and a full-time Director of Youth Welfare, whose responsibilities are largely centered on students and their needs. The Dean of Students looks after the issues like health, residential facilities, student union matters, freships/scholarships, financial assistance and bank loans, and the university's Anti-Ragging Committee. The Director of Youth Welfare is in charge of outreach activities, youth welfare activities, students clubs/societies, students medical insurance.

The progression of the students is also being tracked using the newly introduced Jadavpur University Management System (JUMS) which is developed using the University’s internal resources. The Alumni Association plays a role in helping the University to track progression.

5.3 (a) Total Number of students

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
7580	2300	482	223	149	10734	7359	2240	452	412	134	10463

Men	No	%	Women	No	%
	7302	69.78		3161	30.21

Demand ratio N/A

Dropout % 1.9

(b) No. of students outside the state

1304

(c) No. of international students

55

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Jadavpur University provides guidance and conducts coaching classes for student appearing for Civil Services, Defence Services, NET/SLET and any other competitive examinations, especially for the benefit of SC, ST, OBC and minority students. Large number of students gets success through these guidance & classes. The University has plans to extend such facilities to more number of students in the coming years. The University is using the fund under TEQIP for such support service in the Engineering faculty.

No. of students beneficiaries

376

5.5 No. of students qualified in these examinations

NET	76	SET/SLET	15	GATE	252	CAT	36
IAS/IPS etc	N/A	State PSC	17	UPSC	7	Others	57

5.6 Details of student counselling and career guidance

The placement cell of the university invites many reputed companies for campus recruitment. The students of the institute are sent to off campus interviews also. The students are informed regarding the vacancies offered by companies. The notice of the advertisement is displayed on the notice board at both the campuses. The placement cell also provides pre-placement training for the students. This includes Orientation session, mock test, mock interviews, resume writing & soft skill sessions. The Dean of Students and the Director of Youth Welfare are responsible for the well-being of all students of the university.

The University has conducted several development programmes under the UGC's scheme of Remedial Coaching. In addition, there is the centre for Counselling Services and Studies in Self-Development that provides confidential counselling to students free of charge on matters ranging from addiction to career-choice.

No. of students benefitted

1062

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
130	1289	879	Data not Available

5.8 Details of gender sensitization programmes

Jadavpur University has constituted the “Gender Sensitization and Prevention of Sexual Harassment Cell” as per UGC (Prevention, prohibition and redressal of sexual harassment of women employees and students in higher educational institutions) Regulations, 2015 vide Gazette of India Notification NO. 171 DATES MAY 2, 2016. Senior faculty members of the institute are members of the committee. The committee has 24×7 access through dedicated phone line. Efforts are also made to create awareness among the students regarding gender based evils during orientation program. The university also sensitizes its staff and students on issues of gender by providing equal opportunities for both male and female faculty members, creating an open environment, catering to the diverse needs and giving lectures on issue of gender and psychological counselling.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	1062	27,57,650.00
Financial support from government	4223	32,80,64,739.00
Financial support from other sources	36	13,12,000.00
Number of students who received International/ National recognitions	0	0

5.11 Student organised / initiatives

Fairs	: State/ University level	<input type="text" value="0"/>	National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>
Exhibition:	State/ University level	<input type="text" value="1"/>	National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: _____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

The National Council of Education, Bengal, was established in 1906 in the wake of the nationalist movement. It was led by intellectuals, statesmen and the middle-class intelligentsia, and its aim was to cultivate the best of global learning and technology in order to build a self-reliant industrial base for India. Bengal Technical Institute was among the educational institutions founded by NCE, Bengal. Its mission was to impart training to Indian students in the appropriate technology so that the country could produce indigenous consumable materials. This Institute, later renamed College of Engineering and Technology, was in turn converted to Jadavpur University in 1955. The founders believed that the Technology Faculty could not sustain itself without active Faculties of the Basic Sciences and the Humanities. While playing a vital role in technical education in the country, the University may be said to rest on three pillars-Technology, Science and Arts.

Jadavpur University is at present an internationally recognised premier university of the country. It is an urban university with a global perspective and is dedicated to creating leaders who will fashion a more humane and just world. Following in the footsteps of its predecessor, the University not only engages itself in teaching and research of international quality, but also provides societal services for the benefit of rural and urban populations. The programmes are directed towards achieving excellence in education and extending the benefits of improved technology to the society as a whole.

The faculty members are encouraged to add value to the courses so that students can secure employment or attempt entrepreneurship. Extension programmes and several other courses provide opportunities for the drop-outs at different levels to continue their education. The objective is that they should be able to earn a living and derive the impersonal pleasure of learning at the same time. The University also contributes in evolving modes of digital distance education as part of the National Mission on Education.

Mission:

The University wishes to grow further as a diverse and socially responsible learning community, providing a high quality of scholarship and equal opportunity for all.

The University's core values include a commitment to:

- The highest standards of excellence in teaching, research, creative expression and service to the community
- Advanced learning as a humanising social practice rather than as a competitive exercise
- Regarding the production and dissemination of knowledge as inseparable goals
- Upholding the principle that the culture of reason and learning is indivisible from a concern for the world beyond the campus
- Maintaining principles of democratic governance and intellectual and institutional freedom
- Abiding by principles that do not discriminate on the basis of religion, race, caste, gender and economic status

6.2 Does the Institution has a management Information System

The university is developing a comprehensive University management system for ICT-based management of both academics and administration. Presently, such system is in place in islands. The university examination system has a management system which covers the entire process from the filling up examination form by the students up to receiving the grade card. The faculty members get requests for setting up examination question papers and submit marks through the system. The library has its own management system for all related activities. The students' information is monitored through a management system. The university has initiated work in building a complete e-governance system covering entire academic and administrative management using the internal resource.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Jadavpur University has an internal process of vetting and approval for all its curricular programmes. Standing committee considers the proposed curriculum and syllabi submitted by the Boards of studies and recommend to the academic council for its consideration and approval with or without modification. Curriculum Design is a continuous process at Jadavpur University taking into consideration the norms set up by national regulatory bodies. The University provides academic flexibility to implement the Choice Based Credit System. Faculty members get actively involved in curriculum development. Industries and alumni participation and students' views are taken into account in designing the curriculum. Innovative practices adopted in evolving new courses by bridging faculties and unique programs in Humanities and Arts faculties and Interdisciplinary schools have been developed.

6.3.2 Teaching and Learning

Academic Calendar is framed and is strictly adhered by the Academic Committee as per the direction of the University. The Academic Calendar (i.e. Starting date of a semester, Schedule for the periodic class tests, Duration of study holidays and end semester examinations.) issued to every student and staff prior to the commencement of the classes and uploaded in the website. Before the commencement of every semester, issues a circular to prepare of the comprehensive teaching plans including course structure of the semester, each subject wise syllabus, teaching plan as weekly schedule of coverage of syllabus, model question paper and problem as exercise. Syllabus coverage is monitored by HOD. ICT based teaching facilities exist in most of the faculties and used. At the beginning of the year students are supplied with Academic Regulations, Syllabus etc., uploaded in the website or in the form of booklet. Group learning, tutorials, seminars, workshops, field visits, case stories, practice exists.

Jadavpur University is a leading partner for the EQUAL Project which is a six-university Indo-European consortium for undertaking exercises in enhancing quality, access and governance of undergraduate education in India. In tune with demands of internationalization of higher education the University is involved in academic collaboration with the finest institutions across the world. The university has participated in ICSSR-Norway-European Union Project, UGC-UKERI Program, the Leverhume trust, USAID, Fulbright, DAAD and Humboldt programmes through its faculty members and scholars.

6.3.3 Examination and Evaluation

IT enabled examination and evaluation system has been developed and all items related to the examination department have been brought under a single link in the university website. All types of forms related to the examination department are available online and can be submitted online. The students can request for transcripts of their results online. All records related to examination, certificates etc. have been digitized. Mobile communication system is used for the results of all regular UG examinations. Transparency is maintained in the evaluation process and the students have been given opportunity to review their examination papers.

Credit transfer has been started with several foreign universities, where students go regularly for one/two semester/s to these universities during the course of their study at Jadavpur University and rejoin the same course with credit transfer.

6.3.4 Research and Development

Infrastructure for research has been developed keeping in view the requirements of the faculty members to carry out research. University promotes interdisciplinary research and teachers are encouraged to get research projects from funding agencies. University provide seed money for research to new faculty members and bears the cost of patents applications. The faculty members are provided with the facilities like individual computers, Wi-Fi connection, digital library, equipment and laboratory. University encourages students to undertake industry sponsored projects and produce technical papers. Many of the departments have their own peer reviewed journals. Good record of quality research publication and Patents and Copyrights submission are encouraged by the University. Faculty members are also encouraged to undertake department level project schemes, like UGC SAP, DST FIST etc. Teachers have freedom to submit research proposals to various funding Agencies. 48 memoranda of understanding (MOUs) were signed in 2016-17 with national and international institution and industries for undertaking Research and Development and Consultancy. University has in its school a large no.of prestigious research fellowship like D.S. Kothari Post-doc fellowship, UGC Research Awardee, Dr. Vishweswara Ph.D Fellowship, J.C Bose Fellowship, INSA Awardee, ICSSR Awardee, UGC research Awardee etc. University also has CSIR Direct Fellow, UGC JRFs, DST INSIRE Fellow and State Govt. departmental fellow in its rank.

The University has earned many accolades in the field of Research. A number of faculty members are involved in nationally important projects funded by DRDO, ISRO, BRNS, Ministry of Steel, Ministry of Electronics and IT etc. The School of Cultural Texts and Records has been adjudged as a Centre of Excellence in a study conducted by the Research Council of UK. The University has been undertaking a collaborative research program with DRDO especially in the fields of control, guidance, fault tolerance of missile systems and Information Security. The university faculty members are also much involved in industry sponsored research and consultancy activities.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The University has adequate physical, laboratory and other facilities available to support the existing academic activities. The institution aims at providing world class infrastructure and environment that should provide effective teaching and learning as per the norms of the statutory bodies. The University has a Planning and Development Committee which facilitates the optimal utilization of grants for infrastructure development. The office of the Chief University Engineer is in charge of routine maintenance of physical infrastructure. Jadavpur University has successfully made the best possible use of all infrastructure development grants, whether at the school/department level (e.g. ASHISS, SAP) or at the University level (e.g. UPE I and II; TEQIP-I and II) to create facilities (e.g. laboratories, auditoria) that can be utilized by the entire university community. The final approval for all large infrastructure projects is given by the Executive Council. The following facilities are available for use:

- Libraries are well equipped with good numbers and titles of books and periodicals and digital resources.
- Library management system like Lib-sys and RFID system are used
- Resource sharing done through INFLIBNET, INDEST-AICTE, DELNET
- Availability of Braille Book and Talking Book Library for visually challenged students.
- Laptop provided to the faculty. It is useful for pursuing research. It also supplements teaching and learning.
- Wi-Fi connectivity and internet access is given.
- ICT enabled classrooms available in most of the departments.
- Institute has well-furnished seminar halls with presentation facilities and TV/LCD monitor.
- Institute has gymnasias, indoor game facilities and playground.
- Institute has cultural group of students who organize the activities like skit, drama, dance and music and also invites the well-known personalities in the related areas.
- Facilities for challenged faculty members and students exist on the campus.
- The University has several hostels to provide accommodation to a sizable number of students of UG, PG and PhD level. There are separate girls hostel in the main campus and Salt Lake campus.

6.3.6 Human Resource Management

Institute has an established mechanism of notification of regular posts and conduct interviews, both in website and through national dailies. The institution recruits faculty member and staff based on the guideline provided by UGC regulations and State Government. Recruited faculties are deputed to undergo faculty development program to enhance the Teaching-Learning process. The University has a HRDC cell, which regularly organizes faculty development programs. In addition, value addition in academic and research is done through value added courses, seminars, workshops, colloquia and symposia of national and international levels. The teachers also get exposure through faculty development programs conducted under programs like TEQIP. The faculty members also pursue linkage with industries, and through academic networks (e.g. SYLFF, Erasmus Mundus). Random visits of reputed scholarly people help teachers to keep in touch with wider world of academe.

6.3.7 Faculty and Staff recruitment

University has a set procedure for recruiting faculty members following the UGC norms and the norms of the state government. The number of faculty recruited in the year is 39.

New staff members in the technical category have been recruited in the year. IQAC took part in allotting the recruited staff members in different departments based on their qualification and experience.

6.3.8 Industry Interaction / Collaboration

The University has an Industry-Institute Partnership Cell (IIPC) for the collaboration with Industry. Many industries come up with proposals of collaboration, mostly related to testing and consultancy. The amount earned by the University towards consultancy in the year is Rs. 14 Crores 71 lakhs. University also introduces industry relevant programmes in association with leading industries through tie-ups. Industry officials visit the campus to conduct seminars/workshops and teach courses. All these activities have academically benefited our students to understand and learn new cutting edge technologies and trends in the market. To encourage students to take up industry sponsored projects and involvement of industry experts in academic activities. Jadavpur University has signed 48 MOUs during the current academic year with institutions and other bodies in India and abroad. University's collaborations have led to international exchange programmes (e.g. SYLFF, Erasmus Mundus, Global change) have enabled students to interact with scholars and researchers from countries across the globe. And large number of publication happened through these collaborations. The world Bank-funded TEQIP-II has allowed the University to improve the quality of its technical education.

6.3.9 Admission of Students

The admission notification is issued as advertisement in leading newspapers. The Information Brochure and webpage contain detailed information about the UG and PG courses, Intake of students, eligibility criteria, process of admission and the facilities provided by the institute. Admission information is delivered through advertisement in media. Admission into B.E programmes is through the West Bengal Joint Entrance Examination and admission to undergraduate programmes in the Faculties of Arts and Science are made on the basis of +2 performance and/or admission test conducted by the University.

Hundred percent transparencies are ensured in the admission process since the University strictly adheres to the rules and regulations formulated by the AICTE/State Government. The institute admission is done through counselling which is held at the institute itself. The selection of students to the institute is done through the admission committees in the counselling through proper procedure of releasing merit lists (first, second and waiting list). Thus the transparency is maintained all through the process from the start of the notification till the end.

6.4 Welfare schemes for

Teaching	—
Non teaching	—
Students	Available- Free Studentship, One-time financial assistance

6.5 Total corpus fund generated

Rs. 3,80,00,000/-

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC	No	—
Administrative	Yes	NAAC	No	—

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The University has a separate Examination section under the Controller of Examination. Various reforms have been done over the last few years to make the process foolproof and smooth. ERP has been implemented for the various processes of the examination process. On-line technology is adopted from the filling up the examination form up to the receipt of grade card for the students.

Credit Based Choice System has been implemented for the courses in ARTS and Science and also in the PG level of Engineering Faculty. Repository of results has been made in the website where anybody can access for the past and present results.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Jadavpur University is in general a unitary university. However, two institutions, namely J.D.Birla Institute and Institute of Business Management, have been affiliated in the years 1962 and 1984, respectively. The University act does not provide for conferment of autonomy (as recognized by UGC) to its affiliated colleges.

6.11 Activities and support from the Alumni Association

The Jadavpur University has an Alumni Association. It meets multiple times in year. The very birth and subsequent development of Jadavpur University would not have been possible without the active participation of its alumni/alumnae. The alumni association has its own building on campus and the association has built and maintain a well-equipped auditorium in the campus. Alumni help to enhance curriculum enrichment to give feedback about Departments and Faculties. Alumni Association has many activities and contributions:

- Training programmes in Soft Skills and communicative English.
- Pre Placement Talk.
- Guest Lectures.
- Financial Support to Needy Students.
- Gives Merit Medals To Well Performing Students.
- Involved in NSS Activities.
- Response of Alumni for various E-mails given by Heads for developmental activities.

6.12 Activities and support from the Parent – Teacher Association

The University does not have an active and declared Parent-Teacher association.

6.13 Development programmes for support staff

Management is promoting the professional development of support staff in different ways and by different means. Jadavpur University encourage their support staff to participate/attend seminar, workshop, conferences to develop their knowledge/ technical skills and get the opportunity to interact with national and international renowned scholar and experts. Such programs have also been organized in house through HRDC and from TEQIP program. Support staffs are encouraged to pursue their higher studies by granting academic leave. International linkage of University helps the staffs to enhance their skills as well as professional activities. University encourage for continuous development and leadership training.

6.14 Initiatives taken by the institution to make the campus eco-friendly

The University has eco-friendly campus both at Jadavpur and Salt Lake. All stakeholders are committed towards this, and through their involvement, trees are planted and other eco-friendly activities are pursued. The University students get themselves involved through NSS activities into various eco-friendly activities. Apart from this, the University has taken several other initiatives to make the campus eco-friendly.

Energy Conservation:

The university intends to raise the standards of comfort and indoor air quality, beyond the traditional focus only on work-spaces. Energy audit was done to identify wasted electricity and as a result of canteens, quarters, hostels etc. have been provided own separate electric meters. The University propagates the importance of energy conservation by intimating staff and students to turn off the fans and lights in hostel and college whenever not needed. Proper supervision is carried out by concerned authorities.

Water Harvesting:

There are four large Water bodies on campus. These have been cleaned and are maintained regularly and their banks stabilized organically. Water from these water bodies are regularly used for construction work on campus.

Efforts for Carbon neutrality:

Tree plantations are organized regularly to create clean and green campus. NSS as well as School of Environmental Studies organizes tree plantation internally and externally from time to time. The University has planted and maintained different varieties of trees to keep the institute free from pollution and some of rare tree also identified. Care is taken for the surveillance of old and unhealthy trees. There is a ban on felling of trees

Waste Management:

The university follows specific norms for the disposal and management of standard wastes, chemicals and other hazardous wastes and E-waste like computers, printers and laboratory waste are properly disposed through auctioning approved vendors.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

The university has taken the following innovative steps, which are expected to create great impact in the functioning of the institution.

- An advanced technology research centre, in the name of Jagadish Chandra Bose Centre for Advanced Technology, has been founded in collaboration with DRDO as a part of the DRDO-Academia Partnership. The Centre will strengthen DRDO's relationship with Jadavpur University and other academic research institutions in the region.
- The University administration has decided that a comprehensive e-governance system is needed to be developed catering to the need of all stakeholders. Considering the available in house expertise, it has been proposed to develop the system through the Centre for Distributed Computing of the University. The required fund will be mobilized from the central grants available to the University.
- The university has established an Entrepreneurship Development Cell in the Salt Lake campus to nurture and inspire the creative minds of the students in the university by providing them the opportunities to showcase their ideas and helping them in turning their ideas into entrepreneurial ventures.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Jagadish Chandra Bose Centre for Advanced Technology, has been founded in collaboration and financial support of DRDO to promote research in areas of secure systems and cognitive technologies, directed energy, unmanned and robotics technologies and other futuristic technologies.
- Centre for Distributing Computing of Jadavpur University has been assigned the task to develop a comprehensive e-governance system for the University with available in house expertise. They have started to build the system in modular form. The first year admission in June, 2016 has been done using the system developed for the admission purpose. This will be extended in the coming year for other modules.
- Renovation of Girls' Hostel is going on in phases to improve the condition and comfort level of the students.
- Action has been initiated to recruit a lady medical officer and a nurse for the Health Center of the university following the recommendation of NAAC peer team during their last visit.
- Entrepreneurship Development Cell has been established to nurture and inspire the creative minds of the students in the university by providing them the opportunities to showcase their ideas and helping them in turning their ideas into entrepreneurial ventures.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Details in the Annexure II

7.4 Contribution to environmental awareness / protection

The University has given importance to eco-friendly environment in the campus & funds are allocated in the annual budget for proper maintenance & beautification of the campus. The University takes several initiatives, like

- Carrying out periodic energy audits to reduce the burden on the environment
- Plantation of trees in the University and hostels
- Proper disposal of hazardous waste materials from the laboratories and other places
- Organizing Seminar & Workshop about environmental awareness.
- Ban on felling of trees anywhere inside the campus
- Hosting posters and banners to aware students and staff to keep the campus eco-friendly.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

STRENGTH

- Top quality human resources
- Research oriented educational environment
- Fostering a culture of collaborative and participatory research of the highest standard
- Emphasis on industry-institute partnerships
- Providing critical support for the differently-abled individuals and for socially challenged students

WEAKNESS

- Paucity of fund hampering the infrastructural development
- Space crunch particularly because of the urban-centric nature of the University
- Lack of proper documentation of the University data and records

OPPORTUNITIES

- Proper utilization of highly-qualified pool of researchers and teachers to promote interdisciplinary teaching and research, thereby contributing to India's quest for a knowledge economy.
- Effective implementation of partnerships/collaborations with foreign and national higher educational institutions and agencies to enrich academic excellence and enhance the quality of outreach activities

CHALLENGE

- To make education a more inclusive, democratic, equitable and participatory process ensuring that it percolates to the lowest strata of society, transcending all barriers of caste, creed and economic status.
- Infrastructure development and maintenance of high end equipment.
- Mobilization of additional financial resources and optimum utilization of the existing space.
- To enhance the alumni contact and alumni participation in the developmental activities of the University

8. Plans of institution for next year

- Accumulation and synthesis of quality parameters from different stakeholders of the University in order to participate in the ranking framework of institutions at national and international levels.
- Engineering departments will go for NBA accreditation and preparation in this regard will be initiated.
- Introduction of CBCS system and making corresponding changes in teaching-learning process.
- New PhD regulation will be introduced based on the guidelines from UGC.
- Filling up of academic and non-academic vacant posts
- Development of the e-governance system by including as many departments and sections of the university as possible.
- Widening the activities of the Jagadish Chandra Bose Centre for Advanced Technology by inviting proposals from the faculty members on innovative projects in three different areas, viz. Secure Systems and Cognitive Technologies, Directed Energy Technologies, Unmanned and Robotics Technologies.
- Strengthening of University-Industry Partnership Programme and contributing to the process of transforming inventions to innovations.
- Expanding the alumni network interaction both within and outside the country.
- Fulfilling the commitment for inclusive education.

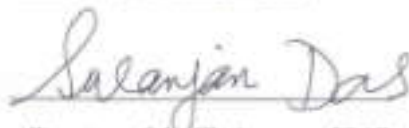
Name : Prof. Amitava Datta



Signature of the Coordinator, IQAC

Prof. Amitava Datta
Director, IQAC
Jadavpur University

Name : Prof. Suranjan Das



Signature of the Chairperson, IQAC

Vice-Chancellor
Jadavpur University
Kolkata-700 032

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

Annexure II

Best Practice # 1

1. Title of the Practice

Providing critical support to differently-abled individuals and equal opportunity

2. Objective of the Practice

- To provide equal opportunities to differently abled persons in higher education
- To equip with facilities to provide access to disabled persons
- To explore suitable placement opportunities for differently abled individuals and to prepare them for this
- To promote teacher preparation program for differently abled individuals

3. The Context

The “Persons with Disabilities Act 1995” indicates that the citizens with disabilities should have equal access to education. In order to develop awareness amongst the differently abled individuals on higher education and also for career guidance and counselling the University has taken several actions and founded separate cells. The admission of differently abled individuals in various courses is facilitated and government guidelines in this regard are followed. Counselling, guidance and assistance are provided to the differently abled to establish them in their career.

4. The Practice

- The University has a Centre for Studies and Rehabilitation of Differently Abled Persons, to extend social service to the *students with special needs* in the University as well as to the society at large. The service from the Centre is mainly rendered through two directions- research works and special support to the *students with special needs* for higher education.
- An “Audio Book” library has been developed by the Centre with proper library management system (like accession no.) for the visually challenged students in the Departments of Bengali, English, Sanskrit, International Relations and History, both in under-graduate and post-graduate levels as per the syllabus of Jadavpur University.
- The Centre has started free Personality Grooming and Communicative Language Course (Foundation Course) for the *students with special needs* of our University.
- The Centre has 15 independent computers that support JAWS (Screen Readable Software) to conduct free computer training programme at the basic level from time to time especially for the *visually impaired students* of our University.
- Special education and training programs for the teachers to handle differently abled individuals are planned.

- The University has made arrangement for physical access of differently abled students and individuals in important administrative and most of the academic buildings. Scribes are provided for the disabled students of the University from time to time as per their semester examinations.
- The SC/ST cell helps in implementing, monitoring and continuous evaluation of the reservation policy for effective implementation. It also provides information on different fellowship and other activities to the SC/ST candidates.

5. Evidence of Success

- Presently, there are more than hundred differently abled individuals, who are in the roll as students.
- The “Audio Book” library has a total of 166 CDs and DVDs and 703 Audio cassettes as Audio Book. At present one Book-reader (associated with All India Radio, Kolkata) and one Voice Editor have been appointed on temporary basis for the preparation of audio books.
- Certificate in Fundamentals in Computer Applications (CFCA), as well as the same course for the students with visual impairment (CFCA-VH-I, CFCA-VH-II), Certificate in Communicative languages (CCL) have been offered for the students with physical and social disabilities.
- A database of the differently abled students of Jadavpur University of the year 2008-2012 is going to be completed which will help in future coordination with them.

6. Problems encountered and Resources Required

- As some of the buildings of the University are old, it is difficult to find space in them to install elevators. Installation of capsule lifts is expensive. University is in the process of evaluating methodologies to make those buildings accessible to the differently able individuals.

Best Practice# 2

1. Title of the Practice

Promotion of Innovation and Entrepreneurial culture among the students

2. Objective of the Practice

- (a) Creating awareness among the students of the University regarding entrepreneurship as a career option.
- (b) Conduct training programmes and special lectures in the field of entrepreneurial skill development
- (c) Develop entrepreneurship related course curriculum to incorporate in engineering programmes
- (d) Provide guidance and facilities to first time entrepreneurs during gestation.

3. The Context

An Entrepreneurship Development Cell has been created as a joint initiative of university students and the Business Incubation Centre, Jadavpur University, to nurture and inspire the creative minds of the students in the university by providing them the opportunities to showcase their ideas and helping them in turning their ideas into entrepreneurial ventures.

The initiative to form an Entrepreneurship Development Cell started in 2016. The Cell was formed on 20th July, 2016 through a workshop held in Salt Lake Campus in presence of Prof. Suranjan Das, Vice Chancellor, Jadavpur University, Prof. Asis Mazumdar, Member Secretary, Business Incubation Centre (MSME), Jadavpur University, and other distinguished faculty members and officers of the university and well-known personalities in the start-up community.

4. The Practice

- Organizing events and workshops to create awareness about entrepreneurship
- Mentoring the aspiring entrepreneurs by providing necessary guidance on business planning; entrepreneurial finance; start-up and business related laws; app, software and website development etc. by arranging events and bringing in suitable mentors
- Training the interested students about investing through virtual stock markets
- Organizing Business Plan competitions and helping students to prepare for Business Plan competitions organized by other institutes such as IITs and IIMs
- Overall grooming of the members

5. Evidence of Success

The above practice has been newly introduced in the current year and the evidence of success is yet to be observed.

6. Problems encountered and Resources Required

Shortage of space and necessary fund can cause problem in terms of resources.

Annexure III

JADAVPUR UNIVERSITY

FACULTY OF ENGG. & TECH.

ACADEMIC CALENDAR FOR THE SESSION 2016-17 (Approved by the FET meeting held on 15.06.2016 and E.C. Meeting 05.07.2016)

U.G . Engg. /Tech./Arch/Pharm courses (Except 1st year)
Master of Computer Application (M.C. A.)
5-Year Engineering Degree Courses (Evening)
4-Semester P. G. Degree Courses
6-Semester ME/M.Tech. Courses

1st Semester : U.G . ENGG/TECH/ ARCH/PHARM, B. TECH. (IEE), M. C. A. AND
5- YEAR ENGG . DEGREE COURSES – EVENING (NEW SYLLABUS)

Classes Start : 04. 07.2016
(Notification of complete Academic Calendar for
1st year of UG and MCA will be announced later)

1st Class Test Week : 19. 09.2016 to 23. 09. 2016

Repeat Examination of 2nd Semester: 30. 09. 2016 – 07. 10. 2016

Puja Vacation : 08. 10. 2016 – 16. 10. 2016 (Tentatively. As will be decided by E. C.)

2nd Class Test Week : 07. 11. 2016 – 12. 11. 2016

Sessional Dissolve : 19. 11. 2016

Last Date of submission of
Class Test & Sessional Marks : 05. 12. 2016

Theoretical Dissolve : 26.11.2016

Semester Exams. : 01.12.2016 to 17.12.2016

1st Sem . Prac. Exams : 19. 12. 2016 to 23. 12. 2016
(for Pharmacy only)

Last date of submission of
Semester Marks : By 14. 01. 2017

1st Semester Results : By 20. 01. 2017

2nd Semester :

Classes Start : 19. 12. 2016

1st Class Test Week : 27. 02. 2017 to 04. 03. 2017

2nd Class Test Week : 27. 03. 2017 to 01. 04. 2017

Sessional Dissolve : 03.04.2017

Last Date of Submission of
Class Test Marks : 21.04.2017

Theoretical Dissolve : 17.04.2017

2nd Semester Exams. (including MCA): 24. 04. 2017 to 07. 05. 2017

Repeat Examination of 1st Semester : 23. 05. 2017 to 30. 05. 2017

Last Date of Submission of Semester Marks	: 31. 05. 2017 (for Final year)
Last Date of Submission of Semester Marks	:22. 06. 2017 (for Other years)
2 nd Sem . Practical Exams. (for Pharmacy only)	: 1 st & Final Year: 09. 05. 2017 to 14. 05. 2017 : 2 nd & 3 rd Year : 16. 05. 2017 to 20. 05. 2017
2 nd Semester Results	: By 30. 06. 2017(Except Production Engg.) 07. 06.2017(Production Engg.)
Final year results	: By 15. 06. 2017
Final Year 2 nd Semester Supplementary Exam .	: 01. 07. 2017 – 09. 07. 2017
Final Year 2 nd Semester Supplementary Exam . Results	: By 26. 07. 2017

IF ANY LAST DATE IS A HOLIDAY THEN THE IMMEDIATE NEXT WORKING DAY IS TO BE TREATED AS THE LAST DATE.
 SEMESTER CLOSURES OF ALL DEPARTMENTS WILL BE SUSPENDED FOR 2 DAYS DUE TO THE EVENT 'SAANSKRITI'.
 ALLEUCATIONAL TOURS / INTERNSHIP PROGRAMME SHOULD HAVE TO BE ARRANGED DURING SEMESTER BREAK MAY & JUNE.

ACADEMIC SESSION 2017- 2018 WILL START FROM 01 . 07 . 2017

4-Semester P. G. Degree Courses,

1st Semester :

Classes Start	: 18. 07. 2016 (Admitted in 2016- 17 session)
Classes Start	: 04. 07. 2016 (Admitted in before 2016- 17 Session)
Puja Vacation	: 08. 10. 2016 to 16. 10. 2016 (Tentatively. As will be decided by E. C.)
Sessional Dissolve	: 21. 11. 2016
Theoretical Dissolve	: 28. 11. 2016
Semester Examinations	: 01. 12. 2016 to 22. 12. 2016
Last date of Submission of Semester Marks	: 21. 01. 2017
1 st Semester Result (PG)	: By 31. 01. 2017

2nd Semester :

Classes Start	: 02.01.2017
Sessional Dissolve	: 24 . 04. 2017
Theoretical Dissolve	: 02 . 05. 2017
2 nd Semester Examinations	: 09 . 05. 2017 to 24. 05. 2017
Last date of Submission of Semester Marks	: 20 . 06. 2017
2 nd Semester Result (PG)	: By 26 . 06. 2017

3rd & 4th Semester :

Classes Start	:	01 . 07. 2017
Thesis to be submitted	:	19 . 05. 2017 to 31. 05. 2017
Final Result	: By	30. 06. 2017
Thesis to be submitted (2 nd Chance)	: By	20 to 24. 11. 2017 (Biannual)
Biannual Thesis marks To be submitted	: By	27. 11. 2017

6-Semester (Evening) M.Tech. Course in :

**VLSI Design & Microelectronics /
Intelligent Automation & Robotics /
Construction Engg.**

1st & 3rd Semester :

Classes Start:		
(1 st Sem . for the session 2016- 17):		18. 07. 2016
(3 rd Sem . for the session 2015- 16):		04. 07. 2016
Sessional Dissolve	:	21. 11. 2016
Theoretical Dissolve	:	28. 11. 2016
Semester Examinations	:	01. 12. 2016 to 22. 12. 2016
Last date of Submission of Semester Marks	:	21. 01. 2017
Semester Result	: By	31. 01. 2017

2nd & 4th Semester :

Classes Start	:	02. 01. 2017
Sessional Dissolve	:	24. 04. 2017
Theoretical Dissolve	:	02. 05. 2017
Semester Examination	:	09. 05. 2017 to 24. 05. 2017
Last date of Submission of Semester Marks	:	23. 06. 2017
Semester Result	: By	30. 06. 2017

5th Semester & 6th Semester

Classes Start	:	04. 07 . 2016
Thesis Submission	:	19. 05 . 2017 to 31. 05. 2017
Final Result	:	31. 06 . 2017
Thesis Submission (2 nd chance for the session 2016- 17):		20. 11 . 2017 to 24. 11. 2017 (Biannual)
Biannual Thesis marks to be submitted:	By	27. 11. 2017

6-Semester M. Tech. Course in Computer Tech. :

1st, 3rd & 5th Semester

Classes Start	:	04 . 07. 2016 (For 3 rd Sem . & 5 th Sem .)
	:	18 . 07. 2016 (For 1 st Sem .)
Sessional Dissolve	:	21 . 11. 2016
Theoretical Dissolve	:	28 . 11. 2016
Semester Examinations	:	01 . 12. 2016 to 22. 12. 2016
Last date of Submission of		
Semester Marks	:	26 . 01. 2017
Semester Result	: By	31 . 01. 2017

2nd & 4th Semester

Classes Start	:	02 . 01. 2017
Sessional Dissolve	:	21 . 04. 2017
Theoretical Dissolve	:	30 . 04. 2017
Semester Examination	:	09 . 05. 2017 to 24. 05. 2017
Last date of Submission of		
Semester Marks	:	23 . 06. 2017
Result	: By	30 . 06. 2017

6th Semester

Classes start :	02. 01. 2017
Thesis to be submitted	
(2013- 14)	: 19. 05. 2017 to 31. 05. 2017
Final Result	: By 30. 06. 2017
Thesis to be submitted	
(2 nd Chance)	: By 20. 11. 2017 to 24. 11. 2017
Biannual Thesis marks	
To be submitted	: By 27. 11. 2017

6-Semester M. E. (Software Engineering) Evening Course :

1st & 3rd Semester

Classes Start	:	18. 07. 2016 (for 1 st Sem .)
	:	18. 07. 2016 (for 3 rd Sem .)
Sessional Dissolve	:	21. 11. 2016
Theoretical Dissolve	:	28. 11. 2016
Semester Examinations	:	01. 12. 2016 to 22. 12. 2016
Last date of Submission of		
Semester Marks	:	21. 01. 2017
Semester Result	: By	31. 01. 2017

2nd Semester & 4th Semester:

Classes Start	:	02. 01. 2017
Sessional Dissolve	:	24. 04. 2017
Theoretical Dissolve	:	02. 05 . 2017
Semester Examination	:	09. 05 . 2017 to 24. 05. 2017
Last date of Submission of Semester Marks	:	22. 06 . 2017
Result	: By	30. 06 . 2017

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