



**JAIN UNIVERSITY**

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

# **ANNUAL QUALITY ASSURANCE REPORT 2015-16**

# The Annual Quality Assurance Report (AQAR) of the IQAC

## Part – A

AQAR for the year (*for example 2013-14*)

2015-16

### I. Details of the Institution

1.1 Name of the Institution

JAIN UNIVERSITY

1.2 Address Line 1

#34, 1<sup>ST</sup> CROSS,

Address Line 2

(Adjacent to Bengaluru Stock Exchange) J C ROAD,

City/Town

BENGALURU

State

KARNATAKA

Pin Code

560027

Institution e-mail address

vc@jainuniversity.ac.in

Contact Nos.

080-43430100

Name of the Head of the Institution:

Dr. N Sundararajan

Tel. No. with STD Code:

080-43430100, 080 23484114

Mobile:

9845691446

Name of the IQAC Director:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHC0GN 18879)

**OR**

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)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	2.63	2015	2020
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC: DD/MM/YYYY

1.8 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 \_\_\_\_\_ 07/08/2009 \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ 27/09/2012 \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

\*AQAR has been prepared for all academic years but NAAC has advised to submit it after accreditation.

1.9 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

1.10 Type of Faculty/Program

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

- N. A -

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

Autonomy by State/Central Govt. / University

-

University with Potential for Excellence

-

UGC-CPE

-

DST Star Scheme

-

UGC-CE

-

UGC-Special Assistance Program

-

DST-FIST

-

UGC-Innovative PG Programs

-

ther (Specify)

-

UGC-COP Programs

-

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

25

2.2 No. of Administrative/Technical staff

02

2.3 No. of students

02

2.4 No. of Management representatives

02 +01 (Chairperson)

2.5 No. of Alumni

-----

2.6 No. of any other stakeholder and

02

Community representatives

2.7 No. of Employers/ Industrialists

02

2.8 No. of other External Experts

02

2.9 Total No. of members

38

2.10 No. of IQAC meetings held No.

16

2.11 No. of meetings with various stakeholders: Faculty

Non-Teaching Staff  Alumni  Students

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

If yes, mention the amount

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

Faculty Development Programs  
Research Retreat  
Orientation for NAAC peer team visit

2.14 Significant Activities and contributions made by IQAC

The IQAC of the University had devised appropriate methodology to facilitate continuous quality assessment. The IQAC, through its activities, has been an agent of change in the institution ensuring efficient performance of academic and administrative tasks. The various other quality initiatives undertaken by IQAC are:

- Students' feedback of the courses and the evaluation of teachers of the University departments
- Feedback from outgoing students, potential employers and academic peers
- Academic Audit of the departments.
- Performance based appraisal of the faculty members twice in an academic session
- Document all the information and to prepare AQAR every academic session
- Industry and peer feedback system
- Interdepartmental presentations
- Best practices
- Support to placement activities

- Organizing faculty development Programs
- ISO certification
- Participation in Ranking Surveys

During the academic year 2015-16, the members of the IQAC were actively involved in the compilation of the Self Study Report for the first cycle of NAAC accreditation, and in coordinating the visit of the NAAC Peer Team. The University was accredited by NAAC in October 2015, with 'B' grade and a CGPA of 2.63 on a four point scale.

The IQAC has coordinated the visits of delegations from several Universities / institutions such as Swedish delegation from Karlstad & Linkoping Universities, Chairman of Tertiary Education Commission, Mauritius, Camosun College and Durban University of Technology (DUT), South Africa, The visits were intended to interact on the working of the quality cell and on various matters relating to research activities, projects, collaborations, consultancy, funding, and teaching-

## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
Sustenance and enhancement of quality	<ul style="list-style-type: none"> <li>• Academic and Administrative Audit (AAA) of all the departments.</li> <li>• ISO Certification by TUV Rhineland for ISO 9001: 2008.</li> <li>• Increase in the number of Research Publications &amp; paper presentations by the faculty</li> <li>• Mentorship and counselling activities for students.</li> <li>• Calendar of events, strategic plans, budget and best practices which helped in the proper planning of the teaching-learning process.</li> </ul>
New Programs and Value Added Programs	<p>Jain University offers 29 UG and 47 PG Programs. During 2015-16 academic year, 3 Under Graduate (UG), 5 Post Graduate (PG) and 1 PG Diploma Program Programs were introduced.</p> <p>UG Programs:</p> <ul style="list-style-type: none"> <li>• BMS in Tourism and Hospitality Management</li> <li>• B.Com. (Honours) in International Finance and Accounting</li> <li>• B.Com. (Honours) in Risk Management</li> </ul> <p>PG Programs:</p> <ol style="list-style-type: none"> <li>1. M.Sc. in Information Technology (Data Analytics)</li> <li>2. MCA with specialisations (Information Security Management Services / Infrastructure Management Services in IT / Storage and Cloud Technology)</li> <li>3. 3-Year MBA Program for Working Professionals</li> <li>4. Master of Management Studies (MMS) in Banking &amp; Financial Services</li> <li>5. Master of Management Studies (MMS) in Finance &amp; Accounting</li> </ol> <p><b>PG Diploma Program:</b></p> <p>1-year PG Diploma in Capital Market</p>



<p>Enhancing Research activities</p>	<p>12 certificate Programs were introduced</p> <ul style="list-style-type: none"> <li>• Increase in the number of collaborations with universities/ institutions.</li> <li>• Collaborations with national / international research institutions of excellence for execution of research projects.</li> <li>• Externally funded Research projects with reputed research organisations/ institutions</li> </ul>
<p>Remedial / Bridge classes</p>	<p>Regular conduction of these classes has enhanced the academic performance. It is found that there is a marked difference in the performance at the entry level and exit level of the students.</p>
<p>Preparation of Self Study Report for NAAC Accreditation</p>	<p>The completed report was reviewed by the Steering Committee and the Self Study Report was uploaded on the website in September, 2015 and hard copies were submitted to the NAAC office.</p>
<p>Administrative and Academic Audit (AAA)</p>	<p>Administrative and Academic Audit (AAA) is conducted every year under the guidance of Director (Academics and Planning). It helps in monitoring the attendance, results of the students as well as in improving the qualification and publications by the faculty. This audit helps to obtain information about the functioning of the constituent units and is an appropriate methodology to facilitate quality assessment.</p>
<p>Result Analysis</p>	<p>Result analysis of every discipline after the declaration of the results of the term end examination helps the faculty members to improve the academic performance of the students and the measures to be undertaken</p>

**Annexure i**

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 before the Academic council. The members of the council made certain observations. On the basis of these observations, relevant steps were taken by the IQAC which were duly implemented in content, action and thoughts.

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programs

Level of the Program	Number of existing Programs	Number of Programs added during the year	Number of self-financing Programs	Number of value added / Career Oriented Programs
PhD	36	None	NA	NA
PG	45	05		11
UG	29	03		16
PG Diploma	02	01		
Advanced Diploma				
Diploma				
Certificate	41	06		
Others (M.Phil)	23			
<b>Total</b>	<b>176</b>			
Interdisciplinary	13			
Innovative	31			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options: CBCS (2016-17)

(ii) Pattern of Programs:

Pattern	Number of Programs
Semester	✓
Trimester	
Annual	

1.3 Feedback from stakeholders\* (On all aspects)

Alumni  Parents  Employers  Students

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

### Annexure ii

The IQAC has taken the responsibility of collating, processing and analyzing the student feedback twice in an academic year. The feedback is taken twice in an academic year, one at the beginning of the semester and the other at the end of the academic session.

- A faculty member is evaluated on the basis of twelve questions on a seven point scale.
- The frequency response for the various parameters of each faculty is identified and the personal observations are made by the Center Head of the constituent units
- A comparative analysis of the feedback based on the previous feedback is also sent by the Center Heads.
- The feedback and evaluation is communicated to the respective faculty.
- The faculty members are informed about the areas of concern which will help them to improve in those areas.

The IQAC also regularly collects the feedback from all the graduating students on the aspects related to the curriculum, teaching-learning, infrastructure, research and innovation and support services at the end of the semester. These student exit questionnaires are analysed and necessary action is taken wherever necessary. Analysis of student's feedback has helped in initiating several improvement measures.

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

Yes, the course contents are revised once in three years to include the recent developments. Boards of Studies are constituted in each subject involving experts in the field. Suggestions are taken into account and incorporated in the syllabi so that it meets the global demands and helps the students to face the global competitiveness. The curriculum and syllabus are then reviewed and approved by the Planning and Monitoring Board and Academic Council of the University and introduced.

The Programs which underwent major revision in syllabus during the academic year are:

#### **1.Faculty of Engineering & Technology**

## Revision of syllabus in Semesters VII & VIII of all B.E. Programs.

The syllabus of Semesters VII & VIII of all the B.E. Programs with branches [i] Aerospace Engineering, [ii] Civil Engineering, [iii] Computer Science and Engineering, [iv] Electronics and Communication Engineering, [v] Electrical and Electronics Engineering, [vi] Information Science and Engineering & [vii] Mechanical Engineering have been revised.

### **2.Faculty of Sciences**

B.Sc. in Interior Design - Revised Curriculum Matrix and Syllabus - Semesters I & II.

Revision in the Curriculum Matrix & Syllabus of Semesters I & II of B.Sc in Interior Design.

M.Sc. in Forensic Science - Revised Curriculum Matrix – Semesters I to IV and Syllabus - Semesters I & II.

B.Sc. in Forensic Science Revised Curriculum Matrix – Semesters V & VI and Syllabus - Semesters III & IV.

Introducing some topics on Physical Security in the Forensic Sciences.

### **3.Faculty of Commerce**

M.Com. – Revised Curriculum Matrix - Semesters I to IV & Syllabus - Semesters I & II

B.Com. – Restructured Curriculum Matrix & Syllabus - Semesters I & II.

B.Com. (Honours) (Specialization: Corporate Secretary-ship / Management Accounting / Corporate Accounting) – Restructured Curriculum Matrix & Syllabus - Semesters I & II.

### **4. Faculty of Management**

MBA (Specialization : Finance / Marketing / HRM) – Specialization papers & syllabus – Batch 2014-16 -Semester II and Batch 2013-15 -Semester IV.

MBA in Aviation Business Management – ongoing batch – Semester II - Specialization papers & syllabus.

For all MBA courses Semester I is made common, and specialisation area starts from Semester II & accordingly revision has been done in the Semester II of MBA in Aviation Business Management.

Bachelor of Business Administration (BBA) - Revised Curriculum Matrix & Syllabus - Semesters I to VI.

### **5. Faculty of Humanities and Social Sciences**

#### **Bachelor of Media Studies (BMS)**

Introduction of a new paper ‘Research Methodology’ (BMS502) in place of ‘Development Communication II’ and an elective paper ‘Leisure and Lifestyle Journalism’ (BMS605a) in place of ‘Sports Journalism’.

### **6. Faculty of Languages**

#### **BA Optional English syllabus – Semesters I & II – Revised Syllabus**

CBCS was introduced for B.A. and B.Com programs in the academic year 2015-16.

Jain University has planned to implement the initiative of the University Grants Commission (UGC) to bring about a qualitative improvement in the national higher education system through Choice Based Credit System (CBCS):

Choice Based Credit System (CBCS) to be introduced from the Academic Year 2016-17 in all 3-year Undergraduate (UG) Programs.

For the implementation of the same, the academic year had several meetings. Various committees and Sub-committee were formed which met a couple of times along with Deans of

various Faculties and on the basis of the discussions CBCS structure and a curriculum matrix was developed under the leadership of Director Academics & Planning. This was finally passed by the various statutory boards of the University

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

The University has six dedicated Research Centers to address the special challenges of the research Programs and the centers are as follows:-

a) Center for Emerging Technologies (CET); b) Center for Research in Aerospace Engineering and Management (under IIAEM);c) Center for Disaster Mitigation(CDM); d) Center for Research in Social Sciences and Education (CERSSE); e) Center for Nano and Material Sciences (CNMS); f). Centre for Ancient History and Culture (CAHC).

The University also has a Business Incubation Center - ChenrajRoychand Center for Entrepreneurship (CRCE).

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	421	313	48	57	3

2.2 No. of permanent faculty with Ph.D.

120

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
69	62	1	3	3	5	13	2	86	78

2.4 No. of Guest and Visiting faculty and Temporary faculty

1

23

4

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	40	41	112
Presented papers	79	99	07
Resource Persons	07	01	06

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

The University has a `Learner First, Learner Always Approach` to the Teaching/Learning Process in consonance with the State Youth Policy. This is implemented in both within and outside the classroom with a range of co and extracurricular activities. The teaching-learning process in the classroom is participatory. The teaching-learning is made learner centric in the classroom through:

- i) Case study analysis
- ii) Presentations by students
- iii) Group work
- iv) Simulation and role play
- v) Quiz
- vi) Brainstorming
- vii) Range of other relevant and topic specific interactive techniques.
- viii) Effective use of Technology in the classroom in order to cater to different learning styles like visual, auditory and kinaesthetic

Outside the class too, the learning opportunities are made use of through

- i) Student workshops.
- ii) Subject wise exhibitions.
- iii) Talks by CEO's
- iv) Industrial projects
- v) Educational field trips
- vi) Contribution to departmental magazine

Apart from academic activities which facilitate student centric learning, the co-curricular activities are organized by the students through which they learn organizational and leadership skills.

- The University has a Center for Virtual Learning and Innovation which caters to the needs of students with the help of web portal where they can access notes, digital lectures, question banks and assignments at the click of a button. Technology Enhanced Learning (TEL) provides vital resources to integrate educational and information technologies into the academic environment. It enhances the mobility and flexibility of the learning process and enables greater responsiveness to the needs of a new generation of learners.
- Multimedia projectors, laptops, internet, animated technical Programs, movies and documentaries are other learning resources to introduce innovative teaching methodologies.
- Video conferencing facility is available in the Center for Management Studies and School of Engineering & Technology.

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

198

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

The university follows the semester system for all its UG and PG Programs.

- From the academic year 2010-2011, grading system based on SGPA and CGPA score on a 10 point scale has been introduced for the course evaluation for all the UG and PG Programs.
- Make up examinations were conducted for those students who had failed, so as to bring them on par with the successful students.
- The examination system also consists of continuous evaluation through multi-mode assessment which includes assignments, seminars and mid-term examinations.

The university has brought about a reform in the conduct of practical examinations so as to do away with the conventional practices. To give greater emphasis to the performance evaluation of each experiment conducted by the student, the university introduced Continuous Assessment in all Lab courses across the university in 2013. Marks of final lab test is also taken into consideration. This reform has seen that the students have taken the practicals more seriously.

- The software “ERP package” covers the entire spectrum of the university activity right from the time the student sends in the application for joining the course till the final degree certificate is issued. Examination Module in the EPR package handles all the activities involved in conducting an examination.
- The latest reform is the use of an exhaustive question bank for setting up question papers.
- Double evaluation method is followed in all PG courses. The average of the two evaluations will be the final marks, in all cases where the disparity between the two evaluations is less than 15 percent.
- If the disparity is 15 percent or more, the scripts are sent for third valuation and the average of the highest two awards is taken as the final marks.
- There is a provision of challenge valuation for the Postgraduate students.
- For all the courses, there is provision for re-totalling and/or revaluation. The photo copies of answer scripts are also provided on demand for Undergraduate students.

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

All the faculty members are involved in curriculum restructuring and revision of syllabus. Boards of Studies are constituted in each subject involving experts in the field.

2.10 Average percentage of attendance of students

75 %

2.11 Course/Program wise distribution of pass percentage:

Title of the Program	Total no. of students appeared	Division			Total Pass Percentage
		Distinction %	I %	II %	
BSc	291	26.50	34.70	22.52	83.72
BCom	1205	32.30	37.51	19.35	89.15
BA	158	20.40	42.50	30.17	93.07
BE	316	43.00	26.00	25.00	94.00
MA	50	25.00	36.00	29.28	90.28
M.Com	39	22.00	18.00	49.74	89.74
M Sc	243	32.00	25.00	36.00	93.00
MCA	21	25.00	40.00	35.00	100.00
MBA	89	24.00	36.00	32.00	92.00
M Tech	150	32.00	42.75	22.63	97.38

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

- Analysis of student feedback on the performance of teachers
- University Hand book and Academic Calendar is distributed to each and every student so as to brief him/her about the rules and regulations.
- Display of IA (Internal Assessment) marks on the notice boards so that the students can clarify IA marks with respective departments
- Feedback from successful students, alumni and outgoing students.
- Academic audit by University officials.
- The learning outcomes are collated through the regular informal interactions in the classes, periodic tests, home-assignments, seminar presentations as well as the end term examinations.
- Analysing the examination results at the end of each semester makes it possible for the faculty to devise corrective actions wherever necessary. This ensures enhanced performance in successive examinations.
- Timely solutions to the student grievances with respect to evaluation process and reforms.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programs</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Program	-
HRD Programs	01



Orientation Programs	09
Faculty exchange Program	02
Staff training conducted by the university	12
Staff training conducted by other institutions	03
Summer / Winter schools, Workshops, etc.	05
Others	8 FDP by JU

#### 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	221	-	221	-
Technical Staff	77	-	77	-

### Criterion – III

### 3. Research, Consultancy and Extension

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

The Research Development Cell (RDC) of the University oversees the entire research activities undertaken at the University level. The RDC has created Research Development Unit (RDU) in each Faculty. The RDC has been established with the Vice Chancellor as the Chair, the Pro Vice Chancellor and all the Deans of Faculties, Directors of the Research Centers and eminent experts as members.

- The RDC conducts workshops and seminars on research methods at regular intervals for faculty and research students.
- Reimbursing the travel and registration fee for attending National / International seminars/conferences are borne by the University
- Class adjustments are made to facilitate faculty members to pursue Ph.D.
- Research incentives provided to the faculty to publish papers in National and International Journals and to bring out Books by leading publishers.
- Innovative Idea Contest an annual contest conducted by the University, as part of the celebrations of IPR day
- Thinklet E- Journal of research activities
- Access to internet and WiFi to refer to online research and developmental resources
- University academic refereed research journal **Pariprashna**, ISSN No – 0976-7150

- Skill Development Workshops for the Ph.D. and M.Phil Scholars

### 3.2 Details regarding major projects (In Lakhs)

	Completed	Ongoing
Number	10	46
Outlay in Rs. Lakhs	184.66	2146.77

### 3.3 Details regarding minor projects (In Lakhs)

	Completed	Ongoing
Number	01	06
Outlay in Rs. Lakhs	0.60	2.95

### 3.4 Details on research publications

	International	National
Peer Review Journals	152	81
Non-Peer Review Journals	04	06
e-Journals	03	-
Conference proceedings	-	02

### 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 (in lakhs)

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned
Major projects	2015-2016	Wipro/Lokniti-CSDS/ VTU/Taiwan Foundation for Democracy/ STEP/ CSIR/DRDO/Private Publisher/VGST-Karnataka/ Avasarala Technologies Ltd/ ISRO/ VGST/ World Values Survey / BRNS-DAE/ CSDS/ Vision Group on Science & Technologies/IISc/INSA/ Ministry of New & Renewable energy/DST/SERB/NRB/DBT/EU-FP7/DST/DOS-ISRO/MOFTI/DAE-BRNS/KSCST/DST/TBIDB/Abhinava/NRB/Ministry of Drinking Water India/ BARC/ICHR/AR&DB/ICSSR	2331.43
Minor Projects	2015-2016	Karnataka Nataka Academy/ Karnataka Sanskrit University/KSCST/VGST-SPICE/CSDS/Janapada Vishwavidhyalaya/	3.55

Interdisciplinary Projects	2015-2016	ICSSR	4.00
Industry sponsored	2015-2016	HAL-Edgewood	3.55
Projects sponsored by the University/ College	2015-2016	Jain University	16.38
Students research projects <i>(other than compulsory by the University)</i>	2015-2016	Jain University & Students	0.65
Any other(Specify)			
Total			2359.56

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  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy (in Lakhs)

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	13	-	4	39
Sponsoring agencies	iNurture Education Solutions Pvt. Ltd	Indian Academy of science, Association of Consulting Civil Engineers (India) , Indian Concrete Institute, Avishkara Progressive Cultural Forum (Reg)		Jain University	Jain University

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	-
	Granted	-
International	Applied	01
	Granted	-
Commercialised	Applied	-
	Granted	-

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
59	14	16	05	12	15	-

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

3.19 No. of Ph.D. awarded by faculty from the Institution

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

JRF  SRF  Project Fellows  Any other

\*ICSSR:- 1, Rajiv Gandhi:-1, DST Inspire:- 4

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level	116	State level	50
National level	21	International level	---

3.23 No. of Awards won in NSS:

University level	--	State level	---
National level	---	International level	---

3.24 No. of Awards won in NCC:

University level	--	State level	04
National level	01	International level	---

3.25 No. of Extension activities organized

University forum	-	College forum	-
NCC	20	NSS	24
		Any other	---

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

- Infinity 16-17 May 2016
- Job Fair 2-3 April 2016
- Self Defence demonstration -8<sup>th</sup> March 2016
- Expression-2016- Inter collegiate cultural show.
- Elina 2.0- Cultural cum Management festival
- Open Day – to commemorate Nation Science Day-23<sup>rd</sup> Feb 2016
- Samanyva 9-10 Feb 2016
- Tam Sanskriti – 8-11 February 2016
- Saviskara- 4 Feb 2016
- Project Swayamwar – 6<sup>th</sup> Feb 2016
- My Country Run – 31 January 2016
- CMS Festival – 25- 28 Jan 2016
- Nudi Sambhrama – 20 Jan 2016
- Sankalpa – FDP – 16 January 2016
- Field trip to Chenenahalli Gurukula – 9 January 2016
- Awareness Rally on crime prevention – 30 December 2015
- Little Steps – 14 November 2015

- NCC Unit – Motorcycle expedition – 22 October 2016
- Ignite – 8-9 September 2015
- Astronomy Workshop – 6 September 2015
- Think Happy Thoughts 1-2 September 2015
- Trek to Savanadurga 30<sup>th</sup> August 2015
- Grameena Kreedegalu 13-14 August 2015
- Navi Chetana – 6 July 2015
- Participation in intercollegiate competition (2015-16)
- PG- Inter departmental competitions under the banner of “Yuva
- Interactive sessions of students with Women achievers from various fields.
- Counselling sessions in the form of workshops
- Extension activity of Vasudha, women cell to students of other campuses of Jain University in the form of a self defense program on the occasion of international womens day 2016.
- Blood Donation Camp
- Cycle expedition
- Filling of compressed natural gas- by cadets
- Feeding the poor
- Visit to the Orphanage
- Rally against Corruption
- Event Handling for Pension Parishat
- Fight for Hunger- to help poor people and orphanages by distributing rice.
- Blood Donation Camp- for Dengue victims
- Waste management- visited shops in J.C road with a ‘Hasiru Dala’
- Sadhbhavana dinacharana
- Monument Preservation In collaboration with an NGO (SPIRIT)

## 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	1,82,662 sq ft	1,06,000 sq ft	Self	2,88,662 sq ft
Class rooms	186	32	Self	218
Laboratories	40	02	Self	42
Seminar Halls	06	03	Self	09
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	-	10	Self	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	35.06	Self	-
Others	-	-		-

#### 4.2 Computerization of administration and library

##### **Admission:**

The software “ERP package” covers the entire spectrum of the university activity right from the time the student send in his application for joining the course till the final degree certificate is issued. The package covers the complete academic activity including the student placement activity along with the administrative activities of the University.

The modules covered are:

1. Students Module.
2. Academic Module.
3. Examination Module.
4. Finance Module.
5. Hostel Management.
6. Transportation system.
7. Examination Module in the EPR package handles all the activities involved in conducting an examination.

##### **Library:**

- The Library has been automated with Easylib, a customized Library management software. It organizes and manages the information of Books, Articles, Journals and Circulation in most economical and effective manner.
- Assistance in searching Databases
- INFLIBNET/IUC facilities

The library has also subscription for e-Resources- Online Journals.

#### 4.3 Library services:

Particulars	Existing (Till-2015)		Newly Added (2016)		Total	
	No.	Value in Rupees	No.	Value	No.	Value in Rupees
Text Books	80308	Rs. 2,39,29,507	845	Rs. 3,01,771	81153	Rs. 2,42,31,278
Reference Books	26168	Rs. 3,93,97,709	322	Rs. 2,86,278	26490	Rs. 3,96,83,987
e-Books	100352	Rs. 1,100	Nil	Nil	100352	Rs. 1,100
Journals	212	Rs. 10,44,951	24	Rs. 4,18,194	236	Rs. 14,63,145
e-Journals	90342	Rs. 4374422	Rs. 22,518	Rs. 9,55,284	112860	Rs. 53,29,706
Digital Database	6	Rs. 2,63,451	Nil	Nil	6	Rs. 2,63,451
CD & Video	9083	Rs. 16,177	605	Complimenta ry (Along with books)	9688	Rs. 16,177
Others (Specify)						

Institutional Membership	10	Rs. 1,29,276	Nil	Nil	10	Rs. 1,29,276
Fictions	2075	Rs. 4,39,460	Nil	Nil	2075	Rs. 4,39,460
Project Reports/Dissertations	6137		625		6762	Nil
SC/ST Book Bank	1610	Rs. 4,19,000	Communicated, yet to receive	Nil	1610	Rs. 4,19,000
Library Software (Libsys-4)	3	Rs. 5,93,995	Purchasing of Barcode Printer & Stickers	Rs. 27,975	3	Rs. 6,21,970
<b>Total Amount Spent</b>						<b>Rs.7,25,98,550</b>

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	3200		1GB	08	08	05	22	-
Added	500	2	50MB each Centres	-	-	-	-	-

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

- The university has a well - managed Local Area Network
- University encourages Open Source Resources like Linux, Open Office, FEDORA and other open Source software.
- Lindo - Lindo Software is used to teach Operation Research. Lindo is an interactive linear, quadratic, and integer programming system useful to a wide range of users.
- Unique softwares like AMBER and GROMACS, GAUSSIAN, DOCK are used by the department for teaching and research
- All necessary softwares are acquired for teaching, learning, evaluation & research on need basis



- Technology Enhanced Learning (TEL) for some of its programs to harness the power of technology and internet in particular so as to develop a unique method of learning process which is learner-centric.
- WiFi connection is available to all students and faculty in the academic campus.
- Common internet laboratory facility available.
- Students are encouraged to use internet and multimedia resources for their seminars, presentations.
- Software has been developed for feedback mechanisms attendance, monitoring, evaluation system, student progression, data base of faculty and students, hostel information and the like.
- Global campus has smart class room which takes care of the virtual learning.
- National Knowledge Network connectivity is available at the Global campus.

4.6 Amount spent on maintenance in lakhs:

i) ICT	22.85
ii) Campus Infrastructure and facilities	222.74
iii) Equipments	369.35
iv) Others	-----
<b>Total:</b>	<b>614.93</b>

## Criterion – V

### 5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The University has a system in place for student support and mentoring. The University has a Dean, Student Welfare. Every Constituent unit has a student welfare Officer. The student welfare officers of the units take care of the mentoring and support system. This Department takes care of holistic development of the students with respect to cultural activities, co-curricular activities, mentoring and counselling activities.
- The university also follows mentorship where each faculty is in charge of 20 students. Periodical counseling to the students, with guidance in academic, personal, career and emotional areas help in their overall development.
- The University has a separate international student cell to attract foreign students and cater to their financial requirements which is headed by an International student officer.
- The University has student grievance redressal cells which aims at strengthening

teacher-student relationship and instil confidence in students. The cell takes care of the student requirements, happening's in the classrooms, addressing problematic issues without delay, inculcation of human values and maintaining qualitative social ambience in the premises. Each unit has a committee which reports to the Integrated Grievance Cell. Most of the grievances are sorted out in an informal manner. A record pertaining to the nature of grievances has been maintained by the cell.

### 5.2 Efforts made by the institution for tracking the progression

The University has an Alumni association. Each of the constituent unit conducts the alumni meeting once in a year. During the alumni meeting good interaction between the faculty & alumni about the various aspects of functioning & performance of the University takes place and the alumni gives valuable suggestions and inputs. The wonderful support and motivation helps in further expansion of the University. The School of management studies has released a directory of the telephone number, names and e-mail ids of the alumni. The alumni who have incubated companies through the University incubation center meet periodically and give their suggestion for further strengthening of entrepreneurship center.

### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2639	982	67	-

### (b) No. of students outside the state

1323

### (c) No. of international students

186

Men

No	%
136	73

Woman

No	%
50	27

Last Year							This Year						
General	SC	ST	OBC	Physically Challenged	Others	Total	General	SC	ST	OBC	Physically Challenged	Others	Total
(PG)615	31	20	207	-	41	916	790	17	8	152	-	15	982
(UG)1553	50	21	587	-	108	2319	2269	31	20	231	-	88	2639

Demand ratio - 1:6

Dropout % -2

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

- Career training Programs for Ph.D. students
- Skill development Programs for B.Tech/ Ph.D. students
- Communication skills Program for all students
- Foreign language training (through Vidushi Academy)
- Training for NET/SLET for aspiring Faculty/ postgraduate students
- For the MBA/IIMS:- Learning centers like TIME, IMS, Career launcher, Career forum, Career plan are invited to the campus and allowed to conduct counseling sessions and scholarship tests directly to students.They are also coached for CAT, GRE & TOEFL.
- The students are further supported to take up qualifying examinations through provision of learning resources like journals, books, periodicals, encyclopaedias and the internet

No. of students beneficiaries

20 %

#### 5.5 No. of students qualified in these examinations

NET

2

SET/SLET

-

GATE

-

CAT

-

IAS/IPS etc

-

State PSC

-

UPSC

-

Others

8 (TOFEL)  
8 (GRE)  
1 (Defence Entrance Exam)

#### 5.6 Details of student counselling and career guidance

At Jain University, we believe in offsetting the problem in both preventive and prophylactic ways. Vishwas counseling centre of Jain University evolved out of this belief. From the inception of the counseling centre, Vishwas helped the vulnerable youth in all the possible spheres they need help, like personal counseling, career counseling, crisis management, personal development etc. Jain University is committed to provide a professional learning experience to its students and make them industry ready to embark on a career that matches their aptitudes and interests. The Training and Placement Cell of the University plays a vital role in this regard.

#### Annexure iii

No. of students benefitted

Personal counselling:- 529

Psychoeducative programs:- 2223

### 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
167	538	453	104

### 5.8 Details of gender sensitization Programs

- ‘Samrakshana’, the Anti-sexual Harassment Cell, of Jain University, organised on 20th & 30th July 2015, an awareness campaign on various topics like Comprehensive Life Skills, Sexuality, and Personal Safety Program for students. Enfold Proactive Health Trust will conduct these sessions. Given the gender issues, safety issues, and growing sexual abuses in our society, this is an attempt by Jain University to educate the students on life skills so that they can be prepared and create a safe environment for themselves and for others in the society.
- The women cell of Jain University, Vasudha, organized a self-defense workshop on 9th December 2015 at School of Graduate studies to raise awareness among young women about the relevance of self-defense. The workshop demonstrated basic techniques of Karate to the participants, which would help them to defend themselves, other women, and children when threatened.



- On the occasion of the International Women’s day 8th march 2016, the Women’s Cell of Jain University organized a self-defense program to initiate awareness among women regarding the merits of learning self-defense so that they can defend themselves from physical abuse. Mr. Mathews Raj, Assistant Professor at School of Graduate Studies, Jain University, conducted the session with his team. Mr. Matthews, a Karate expert, demonstrated practical techniques of self-defense to the audience and invited students on-stage to share tips and tactics.

## 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
Financial support from institution	324	87,43,750.00
Financial support from government	-	-
Financial support from other sources	4	1,95,000.00
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

### 5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: \_\_\_\_\_NIL\_\_\_\_\_

## Criterion – VI

### **6. Governance, Leadership and Management**

6.1 State the Vision and Mission of the institution

**“Nation building through excellence in Quality Education, Research and Entrepreneurial Development.”**

#### **MISSION**

- To provide quality education, creating human assets and intellectual capital.
- To enhance research and development in different disciplines.
- To develop a new generation entrepreneurs who will be instrumental in fuelling economic growth.
- To create able leaders, managers and technocrats.
- To foster an ethical environment in which both the spirit and skill will thrive based on human values.

6.2 Does the Institution has a management Information System

Yes, the Management Information System (MIS) is mailed to the Registrar by the constituent units of the University on or before 5<sup>th</sup> of every month and the information is there after compiled under different heads. The management system of the college has been developed along the following lines:

The Board of Management, Planning & Monitoring Board, Academic Council and Finance Committee are the decision making bodies of the University. They have the overall responsibility for the smooth and efficient functioning of the university.

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

#### 6.3.1 Curriculum Development

- The University creates its curriculum after a rigorous process of consultation and dialogue. After a preliminary study of the courses required and course contents of internationally and nationally reputed institutions, an analysis of the industry/market /societal needs is also undertaken. Design and development of curricula is based on the thrust areas identified by UGC and is also based on the requirement of industry and other stakeholders. The UGC model curriculum is taken as the basis for designing and modifying the curriculum. Care is also taken to cater to the requirements of National Laboratories, Industry leaders and other societal organizations. Emphasis is also given to project work, innovative teaching methods such as presentations, discussions, assignments, workshops, seminars, industrial visits and study tours.
- Boards of Studies are constituted in each subject involving experts in the field. Representatives from National laboratories, research institutions, industries, relevant social organizations and the like are also involved in the BoS and their suggestions

are taken into account and incorporated in the syllabi so that it meets the global demands and helps the students to face the global competitiveness.

- The curriculum and syllabus are then reviewed and approved by the Planning and Monitoring Board and Academic Council of the University prior to being introduced.
- The course contents are revised every three years to include the recent developments.
- For the Undergraduate Programs, subjects like Environmental Science, Indian constitution, Computer Fundamentals are included across semesters as suggested by UGC.
- For the Undergraduate Programs in Engineering modules on disaster management, ecology and environment, cyber security, IPR and green technology are offered for the students as per the UGC guidelines.
- In addition to the above a paper on Mind Management and Human Values which is a compulsory subject is introduced for the Undergraduate students to give them a holistic perspective.
- Some of the Programs in UG/PG have been introduced in the innovative/emerging areas and are found to bear significant impact in national level.
- The University syllabus in some of the Masters Program (Industrial Biotechnology, Energy Engineering and Climate Change as examples) has been designed with industry collaboration. These industries are of international repute and their inputs have been based on their global experience.

### 6.3.2 Teaching and Learning

- The University has made conscious efforts to strengthen all faculties / disciplines after conferment of Deemed-to-be-University status by introducing several Doctoral, PG and UG Programs most of which are in innovative and emerging areas.
- The learning outcomes are collated through the regular informal interactions in the classes, periodic tests, home-assignments, seminar presentations as well as the end term examinations. To compliment what was offered as part of formal courses, a basket of value added Programs is made available to learners.
- The student-centric teaching and learning methods ensure the achievement of learning outcomes.
- Analysis of student feedback on the performance of teachers by the IQAC of the university
- Feedback from successful student alumni and outgoing students.
- Academic audit by University officials.

The University has taken several measures to improve the teaching, learning and evaluation processes. To meet the challenges in such processes, the

following are in vogue:

- Regular updation of curriculum
- Use of ICT tools in the classrooms
- Innovative projects
- Technology enabled learning- Virtual Program
- Study tour/ Field visits

### 6.3.3 Examination and Evaluation

- The end semester examinations are conducted as per the University schedule.
- A detailed handbook is prepared by the Controller of Examinations on the procedure for the conduct of the examination and valuation.
- The University follows the system of continuous internal assessment through tests and assignments.
- The university has brought about an innovation in the conduct of practical examinations so as to do away with the conventional practical examinations. To give more thrust on the performance evaluation of each experiment conducted by the student, the university introduced Continuous Assessment in all Lab courses across the university in 2013. Marks of final lab test is also taken into consideration. This reform has seen that the students have taken the practicals more seriously.
- The software “ERP package” covers the entire spectrum of the university activity right from the time the student send in his application for joining the course till the final degree certificate is issued. Examination Module in the ERP package handles all the activities involved in conducting an examination.
- The latest reform is the use of exhaustive question bank for setting up question papers.

### 6.3.4 Research and Development

The University has established Research Centers linked to the specialization of its faculty. It has developed the required facilities, created the necessary research ambience and provided incentives to improve the quality and the quantum of research output of the University. Research is being carried out in emerging areas, cutting edge science & technology and on socially relevant themes from the time the Institutions were created and especially after being conferred a Deemed to be University status.

Jain University organizes Research Retreat for its Doctoral Students and Supervisors every year. This academic year it was conducted on 21<sup>st</sup> and 22<sup>nd</sup> May 2016. The



Retreat provides a platform for doctoral researchers at the University to discuss and review the progress of their research work among peers and experts. The MPhil/Ph.D students are regularly monitored and are required to produce half-yearly progress report, attend skill development Programs and make presentations.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

#### **Library**

The library has on-line course ware, e-learning resources and internet facilities. The libraries of the constituent units have a host of e-journals which caters to the demands of postgraduate students, research scholars and faculty members. The Wi-Fi enabled campus encourages blended learning by way of providing access to various website containing e-learning resources. The internet connections are available in all the libraries which enhance the scope of e-learning and the orientation Program by the library staff help the faculty members and students to make the optimum use of the library facilities. The library has organized extension activities like Book Exhibitions, expert talks, Best user award, National Conference, User awareness Programs, Library Day celebrations, “Donate a book” on the occasion of ‘World Book Day’, display of newspapers and the like.

#### **ICT & Physical Infrastructure/ Instrumentation:**

- The University has a Center for Virtual learning and innovation which has launched the Technology Enhanced Learning (TEL) that is powered by digital technology. This Center caters to the needs of students with the help of web portal where they can access notes, digital lectures, question banks and assignments at the click of a button.
- Technology Enhanced Learning (TEL) provides vital resources to integrate educational and information technologies into the academic environment. It enhances the mobility and flexibility of the learning process and enables greater responsiveness to the needs of a new generation of learners.
- All the units of the university have adequate number of projectors to facilitate a better learning environment. Sufficient arrangements are made for audio visual learning and video presentations. Global campus has smart class room which takes care of the virtual learning
- The Jain University has created infrastructure that meets very high standards. Each of the campuses has all the physical assets necessary to run a quality educational institution. Aesthetically designed, all the buildings create an environment conducive to making learning an enjoyable, memorable and enriching experience. Some of the campuses are centrally air conditioned and all the institutions have well ventilated classrooms with state of the art facilities. Libraries and reading rooms are well stocked with relevant reading

materials and digital resources. The Postgraduate departments and research center laboratories are equipped with most modern & advanced equipments to suit additional academic & research needs.

- Computer laboratories with latest systems with internet connectivity are available for use of faculty, researchers and other learners. Faculties are provided with facilities to prepare for the classes, conduct research and undertake other student outreach activities. Conference halls to conduct Programs for audience of different sizes are available in different campuses. The sports facilities that have been created at the University, especially at its Global Campus would rank among the best in terms of quality and capacity.
- Care is taken to ensure optimum utilization of infrastructural facilities. Additional infrastructure is created on a need basis.

#### 6.3.6 Human Resource Management

At the end of each academic year the Management Committee reviews the existing positions and identifies personnel for various teaching and non-teaching positions. Faculty members are recruited in keeping with the HR policy of the University in the event of vacancies. To strengthen the bond between faculty members and the management Pro-Vice Chancellors, Deans, Directors and Associate Directors have been appointed. Orientation and faculty development Programs are periodically organised for new recruits. In order to enhance capacities of staff need-based training/workshops are organised for faculty, administrative, and supportive staff.

#### 6.3.7 Faculty and Staff recruitment

Before the commencement of the academic year, departments of the university review the changing academic requirements of each course and incorporate suitable changes. The faculty is recruited by open advertisement and care is taken to choose only those who have required qualification in emerging areas so as to cope with the additional teaching requirement to run new Program. Advertisements inviting applications from qualified candidates are published in leading newspapers. Applicants who meet the eligibility criteria lay down by the UGC norms are called for an interview cum trial teaching session. The faculty for a particular program are selected by the expert committee appointed by the Vice- Chancellor. Candidates deemed suitable to meet the institutions requirements are appointed on probation for one year. They are given a permanent position by the Management after assessment of their performance.

### 6.3.8 Industry Interaction / Collaboration

The University, especially through its Centers for Research has a tie up with leading universities, research institutions/laboratories and prestigious corporate bodies for undertaking research and consultancy. The University has signed MoUs with institutions of national/international importance/other Universities industries and corporate houses. They have been able to give a different outlook to the research and development activities by increasing the number of projects, networking with other research and development centers, facilitating the research Programs.

The University/Industry interaction have resulted in creation of National Research Facilities:

Some of the noteworthy facilities are:-

- Coating facility at Center of Emerging Technologies:
- A facility funded by GTRE (DRDO) has been established to coat 3D printed parts made from ABS using FDM process. The advantage of this is 3D printed parts will be strengthened to look aesthetically better. The parts will be coated with Ni and Cr.
- Currently a project from ISRO to make enclosures to house electronic packages is being done by 3D printing and the same will be coated.
- Center for Disaster Mitigation has collaborated with Underwriters laboratories, USA to establish Testing & Consultancy center in the area of Fire Safety.
- There is a facility from Mico-Bosch. The University has also initiated to create Energy Park in consultation with TUV Rheinland and an instrumentation center in consultation with DST.

### 6.3.9 Admission of Students

For under graduate, post graduate, professional courses and research Programs the publicity for admission is through university website, prospectus, and advertisements in print media and counselling by the teachers and senior students.

**University website:** - The University website [www.jainuniversity.ac.in](http://www.jainuniversity.ac.in) has detailed information about the admission procedure and the various courses offered.

**Prospectus:** - Detailed information about the University academic activities and 'state of the art' facilities are explicitly mentioned. Separate prospectus are available for UG, PG and professional courses.

**Advertisement in print media:** - A paper advertisement about the admission to various courses is given in leading national and regional newspapers.

**Counselling by the faculty and senior students:** - Some student volunteers and senior faculty offer their free services to guide the students who seek admissions to the university. They give detailed information about the various courses given by the university and community services like NSS, NCC and also scholarships offered by the university. For accomplished sports person's relaxation in qualifying percentage

is given as per the sports policy of the university.

Transparency is ensured in admission process. The candidates are selected on merit for the UG, PG and professional courses. In consonance with the government's policy of reservations, applicants from the socially and economically disadvantaged categories are given due priority. The selection procedure is based on the candidate's previous performance and their competence. The eligibility criteria for each course is explicitly mentioned in the prospectus. The university strictly adheres to the defined norms for the admission.

Separate admission procedures are adopted for PG, UG and professional courses In Professional courses in Engineering and Masters programs in Management, 50% seats are surrendered to the government and admission is through CET conducted by the government. The admission for UG and PG Programs is purely based on the marks obtained in the qualifying examinations and for certain UG and PG Programs based on common entrance test.

#### 6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>• Employees Provident Fund for all employees</li> <li>• Rs. 50,000 plus Rs. 100,000 accidental insurance (insurers: Reliance and Bharati)</li> <li>• Free school education for children of staff members of the University</li> <li>• Subsidized education at college level for children of staff members</li> <li>• Free transportation for staff members of Global campus</li> <li>• Group medical insurance for all faculty members up to a sum of Rs.5 lakhs</li> <li>• Encouraging faculty to pursue higher education M.Phil/Ph.D – incentives in the form of 1 increment for M.Phil and 2 increments for Ph.D.</li> <li>• 50% fee concession for faculty pursuing M.Phil. / Ph.D.</li> <li>• Grant of registration fee for conferences/ workshops</li> <li>• Subsidized lunch for faculty at the Global Campus</li> <li>• Housing facility for select faculty and staff in global campus (with free LPG/ phone/ internet connection).</li> <li>• Free internet facility/ library</li> <li>• Recreation for staff members</li> </ul>
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Non teaching	<ul style="list-style-type: none"> <li>• Uniforms for the support staff</li> <li>• Computer awareness training Programs</li> <li>• Skill development Programs</li> <li>• Communicative skills</li> <li>• Group medical insurance for all non- teaching staff up to a sum of 2 lakhs.</li> <li>• Subsidized lunch for staff at the Global Campus</li> <li>• Housing facility for select staff in global campus (with free LPG/ phone/ internet connection).</li> <li>• Free internet facility/ library</li> <li>• Recreation for staff members</li> </ul>
Students	<ul style="list-style-type: none"> <li>• Scholarships, free ships and fee concessions for deserving students.</li> <li>• On the job training, summer internships, regular internships and earn while you learn schemes to enhance the employability and global competency of the students.</li> <li>• Personality development Programs for holistic development.</li> <li>• Educational tours, industrial / field visits to give hands on exposure. Inclusion of students in policy making bodies like IQAC, student forums, colloquia etc.</li> <li>• Amicable address to student grievances.</li> <li>• Separate rest rooms and toilets for boys and girls.</li> <li>• Purified drinking water, canteen and cafeteria facilities for students in all the campuses.</li> <li>• Organise orientation Programs for the first year students on all matters relating to academics, student discipline and services</li> <li>• Trained and professional counsellors on campus.</li> <li>• Placement cell which is very efficient in placing the students with optimum job opportunities.</li> <li>• State-of-the-art infrastructure facilities.</li> <li>• Transportation facilities for research scholars and students of management and engineering courses.</li> <li>• Emergency medical facilities on-campus and association with reputed hospitals.</li> <li>• Encouragement for co-curricular and extra-curricular and sports activities.</li> </ul>

6.5 Total corpus fund generated (In Lakhs)

650.00

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	No	-	Yes	Director-Academics & Planning
Administrative	No	-	Yes	Director-Academics & Planning

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

For UG Programs                      Yes  No

For PG Programs                      Yes  No

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

**Examination reforms:**

The examination reforms on the basis of an assessment of the needs and in the light of past experiences.

- Prior to 2014, make up examinations for failed students were conducted. Due to the improvement of results and suggestions from stake holders, the same was withdrawn.
- The continuous Assessment in practicals was introduced from the year 2013.
- An exhaustive Question Bank has been prepared for almost all subjects in various courses.

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

NA

6.11 Activities and support from the Alumni Association

Alumni actively participate in alma mater functioning- giving guest lectures, providing internship guidance, giving constant update on new developments in the industry. During the alumni meeting the alumni gives valuable suggestions and inputs. The wonderful support and motivation helps in further expansion of the University. The alumni who have incubated companies through the University incubation center meet periodically and give their suggestion for further strengthening of entrepreneurship center



#### 6.12 Activities and support from the Parent – Teacher Association

- The University does not have a formal Parent – Teacher Association. However there are regular Parent-Teacher Meetings.
- Departments organize a one-on-one dialogue with parents twice in an academic year after the internal exams. The parents are informed about their wards attendance and performance in exams.
- The parents are appraised of the functioning, the activities and the approaches to the curriculum in the university on the first day of re-opening in orientation Programs through power point presentations.
- They are also informed to co-operate with the university, by bringing to their notice, any behavioural changes and to constantly interact with the concerned HOD and staff periodically to know their wards progress.
- They are also told about the mandatory attendance requirement and the evaluative reports that the university would be sending periodically.
- The parents are given periodic information about their wards attendance and academic growth.

#### 6.13 Development Programs for support staff

- Computer training Programs
- Skill development Programs
- Communicative skills Program

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

##### **1. Energy Conservation:**

- Use of energy efficient LEDs for lighting in the campus
- Provision of master switch to all the classrooms, to enable to switch off all ACs/

lights, at the end of classwork.

## **2. Water Harvesting:**

All the campuses have provision for rain water harvesting.

## **3. Urban Waste Management Program:**

The waste management drive was started at the campuses of University and awareness Programs were conducted for the general public. The program is designed to sensitize and develop a whole community approach to waste management. It is important for the local public to comprehend and realize the complexity of the world they live and make informed decisions and participate in the process of environmental conservation.

## **4. Plantation of saplings:**

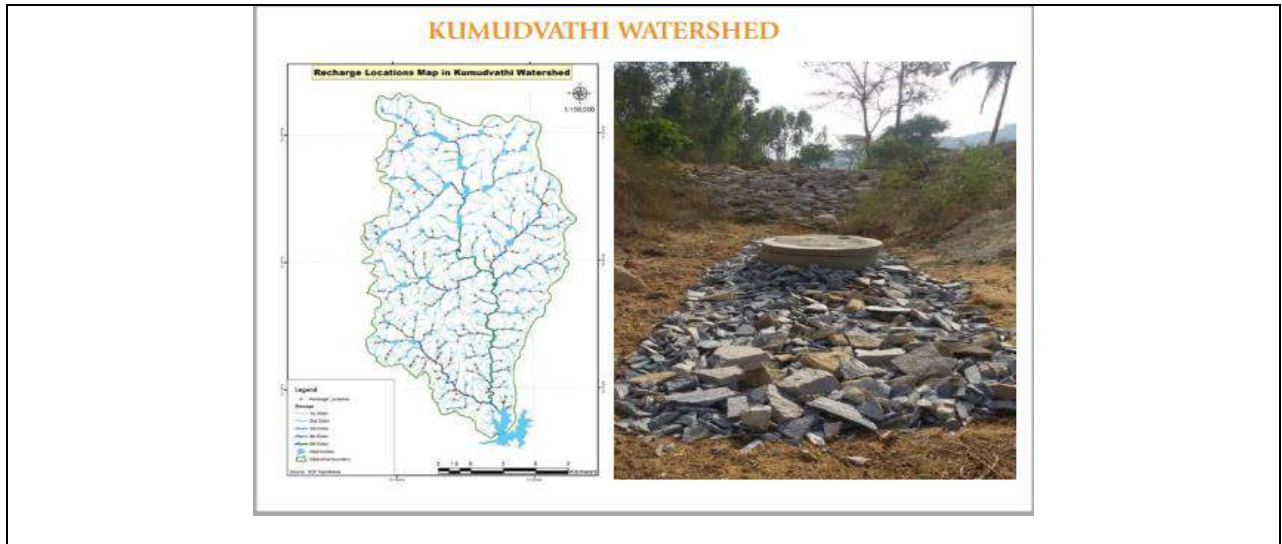
Every campus has decorated the external ambience with green plants. This not only enhances the aesthetic look of the campuses but also helps in circulation of fresh air. Global campus has around 1100 trees. This has resulted in green and eco-friendly campus.



## **5. Check dam construction:**

It is a project undertaken by the Department of Civil Engineering of Jain University. A series of these check dams are made across selected nala sections such that the flow of surface water in the stream channel is impeded and water is retained on pervious soil/ rock surface for longer period Nala-Bunds are constructed across bigger nala or second order streams in areas having gentler slopes. A nala bund acts like a mini percolation tank with water storage confined to stream course. To improve the groundwater status of the region, thematic layers such as Stream network, Slope of the region, Soil characteristics, hydro-geomorphological features of the study area are considered. To arrive at the potential groundwater recharge locations thematic data integration is carried out using overlay techniques in GIS and finally suitable recharge locations are identified. The project supported by the Government of Karnataka has been concluded in Kumudvathi Watershed.





## 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.

Annexure iv

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

- The University is accredited with 'B' Grade with a CGPA of 2.63 on a four point scale
- To increase the number of certificate courses / value added Programs.
- To increase research output.
- Training Programs/capacity building sessions for faculty and non-teaching staff.
- To increase collaborations with universities/ institutions.

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

Annexure v

#### 7.4 Contribution to environmental awareness / protection

Jain University decided to take a positive step to understand its own environment in fact through a **carbon and water foot print** mapping exercise. The same was undertaken for the Global campus by the Center for Emerging Technology (CET). The purpose of the exercise was to measure the carbon foot print of School of Engineering and Technology and its hostel buildings, analyze its impact and identify the initiatives to help reduce this impact. The Green House Gas (GHG) protocol has been used to estimate the footprint. As stated earlier, the exercise includes University buildings and hostels based on the carbon footprint analysis, use of grid electricity, staff and student commute and paper consumption are the primary source of emissions constituting 55 %, 20 % and 10 % emission respectively. The green house gas estimation and reporting has been done in accordance with the guidelines laid down by Confederation of Indian Industries (CII) and ISO 14064.

**Water footprint:** Only operational water footprint has been taken into consideration while calculating water footprint.

On the basis of these findings the University proposes to carry out the same exercise in other constituent units and initiate remedial measures to achieve carbon neutrality.

7.5 Whether environmental audit was conducted?    Yes     No

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

#### **Strengths**

1. University has emerged as a recognized platform for research, consultancy and learning.
2. It consists of committed, proactive and dedicated faculty who have fostered a vibrant work culture.
3. The University has consciously ushered in innovative academic Programs and a special focus on interdisciplinary / multidisciplinary research.
4. The University has facilitated the publication of quality research articles and other academic literature – both at the research level and for its students.
5. The University has consistently nurtured sports talents for national and international competitions and many of its students have donned the India colours.
6. The University has created the necessary infrastructure in all constituent units for research, learning and sports activities.
7. The University has recorded excellent results in all disciplines has maintained a good placement record.
8. The University has ensured smooth conduct of examination and timely announcement of results.
9. The University Business Incubation Center has fostered entrepreneurship and supported in

incubating companies.

10. The University has ensured a 24 x 7 learning environment in its UG Programs through Technology Enhanced Learning (TEL).

#### **Weaknesses**

1. The five constituent units are spread across the city and coordination and administration is challenging.
2. Recruiting good and qualified faculty.
3. Being a Private unaided University, the faculty and administration have faced serious roadblocks in securing support and funding from government research funding agencies and getting consultancy projects.
4. Number of faculty having Ph.D. and NET qualification is less compared to the total faculty strength.

#### **Opportunities**

1. To expand opportunities at the international and national level for faculty in the form of fellowships, awards and exchange Programs.
2. To introduce more diverse and inter-disciplinary academic Programs in innovative /emerging areas.
3. To undertake even more focused cutting edge research in emerging areas of Pure and Applied Sciences, Engineering & Technology, Humanities and Social Sciences which have an impact on society and contribute richly to national development.
4. To attract more foreign students for different Programs and faculty for teaching and research.
5. To attract more funds from industries and other research and funding organizations for research and development.
6. To create sponsored and endowed Chairs in different disciplines in the next couple of years and enhance University - Industry interface.

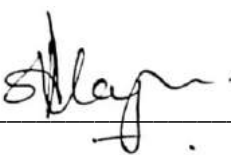
#### **Targets**

1. To establish a full fledged flight lab facility for the aerospace engineering students.
2. To establish a separate Nodal Research Center for carrying out high level research.
3. Retention of good faculty considering the range of available opportunities.
4. To obtain from UGC recognition as Center for Research Excellence.
5. To motivate a larger number of research scholars to work in interdisciplinary areas.
6. To secure funding and recognition from premiere governmental research organizations

### **8. Plans of institution for next year**

1. To establish a center for flight safety in aerospace engineering.
2. To create and maintain an animal house for research purposes.
3. To develop an International Research Center for Public Policy which will be linked up with leading International Universities working in the domain of Public Policy and International Organizations.
4. To increase the number of learning resources and provide better access.
5. To increase the number of academic Programs in innovative / emerging areas.
6. To nurture sporting talents in the University to acquire more medals including gold in the forth coming Olympic games.
7. To introduce faculty of Law, Architecture and Sports education.

Name Dr. Asha Rajiv



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Signature of the Director, IQAC

Name Dr. N. Sundararajan



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Signature of the Chairperson, IQAC

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**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Program
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 Program
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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