

# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

**JECRC UNIVERSITY**

JECRC UNIVERSITY, PLOT IS - 2036 TO IS 2039, RAMCHANDRAPURA  
INDUSTRIAL AREA, VIDHANI, SITAPURA EXTENSION  
303905

[www.jecrcuniversity.edu.in](http://www.jecrcuniversity.edu.in)

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Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**February 2018**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

JECRC University has its campus in Jaipur - the Capital city of Rajasthan. The **32-acre** campus located around the prime Industrial and Institutional hub of Jaipur combines unique classical architecture and thoughtful layout and landscaping to create a perfect learning ecosystem. The University is known for a strong research culture and having close industry linkages.

The University offers degree courses at UG, PG and PhD levels, in disciplines of Engineering, IT and Software, Science, Business and Management, Hospitality & Hotel Management, Mass Communication & Journalism, Design, Agriculture and Law. The University's curriculum is designed and frequently revised keeping in view the feedback from the stakeholders with emphasis on domain knowledge, skills and need based requirements.

The University has a Global Outreach Cell to meet the global challenges to work in collaboration with renowned Universities/ Institutions to train budding managers, scientists and engineers. The University encourages the faculty members to take up consultancy projects.

Top firms like Google, TCS, Tata Technologies, IBM, Accenture, Wipro, Capgemini, HP, Adani Power, Sopra Steria, AON, Anora Lab, Ashiana Housing, Pinnacle Infotech, Mindtree, ICICI Securities, Hexaview Technologies etc. are the prominent recruiters at the University. The University has close rapport with renowned industries / institutions, like ISRO, DRDO, etc. for internships.

Majority of the students stay in the University campus having state-of-art facilities including Air Conditioned Flats, pantry and Gym.

### **Vision**

To become a renowned center of higher learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

### **Mission**

- To focus on research and spirit of innovation that will drive academic orientation and pursuit at JECRC University.
- To Identify, based on informed perception of Indian, regional and global needs, areas of focus and specialization on which the University can concentrate.
- To undertake collaborative projects that offer opportunities for long-term interaction between academia and industry.
- To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

1. Well qualified faculty members.
2. Transparency in examination evaluation process.
3. Campus Recruitment Training (CRT) for all the final year students.
4. Healthy working environment.
5. 100% Support to students on Internship/Projects/Placements.
6. A large number of students activities through active clubs.

### Institutional Weakness

1. Exposure of faculty with industry is less.
2. Departmental Libraries must be enriched.

### Institutional Opportunity

1. Consultancy and extension activities need improvement.
2. Focus for Research & Development, Consultancy, Trainings needs to be enhanced at institutional level through collaborations with the other organizations.
3. The interdisciplinary research in niche areas is the need of the day, which gives opportunity in all areas.
4. Student exchange programmes with premier institutions in India and foreign universities are possible.
5. Enhancement of Industry-Academia Relationship.
6. Establishment of Staff College.
7. Encouraging students for Higher studies/ Competitive Exams/PSUs/Civil Services.

### Institutional Challenge

1. Catering International Student admissions into full-time programs.
2. Deteriorating industry growth which results in low placements opportunities for the students is affecting the image of the University/Institute.
3. Limited motivational policies implemented by the UGC/AICTE/University to protect the future of Private unaided educational institution.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

The University, since its inception, offers, Ph. D., PG and UG programmes with inclusion of CBCS/Elective Courses framework, emphasizing professional and leadership qualities through its courses that inherently have contents embedded into them to promote independent thinking, creativity and managerial skills. The emphasis is on hands-on experience through laboratory and project work to ensure high employability of the students as evident from high rate of campus placement.

The University emphasizes on 'learning by doing' through laboratory courses (for all core courses), value added skill enhancement courses, which gets added in the curriculum as per the requirement on regular basis which ensures employability of the students. Formal and informal feedback are taken from stakeholders on a regular basis which are analyzed and incorporated in the syllabus.

The design of curriculum involves active participation of stakeholders and follows a systematic-cum-dynamic process and aims to enrich learning. Steps involved in the design, development, implementation and revision of curricula are 'need based' and undertaken after due analysis and debate. The University follows the principle of promoting an outcome driven curriculum, which is aligned with the institutional vision of producing students with global competencies.

### **Teaching-learning and Evaluation**

The University ensures that all admissions to its programmes are merit-based and aimed at complete fairness. The University does not have any non-transparent admissions and does not endorse any 'Management' quota, or the like.

Course outlines, lecture schedules, time table, study material, learning objectives and outcomes for each course are made available online to students and faculty through ERP/LMS etc. The Learning Resource Centre of the University provides abundant support through its rich collection of e-resources along with print resources. The examination process is tuned for continuous evaluation, transparency, timeliness, objectivity and fairness.

Providing students with a conducive and open learning environment is our constant endeavour. Regular monitoring is in place to ensure that each and every student attains his/ her full potential as a citizen on the world. The teaching faculty is well qualified and follows modern pedagogy; shortcomings, if any, are addressed through various Faculty Development initiatives. The teaching-learning process is well-structured and student progression is monitored. Importance is accorded to 'hands-on' learning through project work by students. In addition, the University has a plethora of outreach programs that include seminars, guest lectures, workshops, panel discussions, alumni talk, etc. which aims to provide a wholesome learning environment to the students. There is a special focus towards enabling students from the region pursue quality higher education.

### **Research, Innovations and Extension**

Research and Innovation are integral components of academic activities of the University as articulated in the vision statement. Research committee such as RPEC has been framed for each research student to monitor his/her progress and provide course correction. Ph D fellowships, support for conferences and workshops, inviting experts, ITC based sessions, etc., over the years have been provided and is still providing. Collaborative research is another direction adopted by the University for research promotion.

The departments of the University regularly organizes National/International conferences, and workshops where eminent scientists and scholars from India and abroad are invited for keynote addresses. All Ph. D. scholars are required to have at least two publications in Scopus/SCI indexed journals. No Ph. D. thesis, M. Tech. dissertation or B.Tech project report is accepted without a proper plagiarism check through **urkund** for which facilities exists.

Apart from members of the faculty, the research agenda of the University is also being carried forward by a

team of dedicated research scholars and post-graduate students. The University is cognizant towards its social obligations and pro-actively engages with the local community. Various activities are undertaken on a regular basis.

### **Infrastructure and Learning Resources**

The University has adequate physical infrastructure to facilitate teaching, research, extracurricular activities, and residential facility for faculty, staff and students. With a built-up area of 92936 sq. mt., spread in lush-green 32 acre campus. The campus has 24 hour 100% power back-up through generators. To provide an efficient work-place, all hostels, academic area and offices have centrally controlled cooling system.

Some other facilities which make the campus life more comfortable, safe and hassle-free include gyms, medical dispensary, purified water supply, tuck shop, Bank ATM, guest house, CCTV cameras for safety. It has complete Wi-Fi availability.

Conventional teaching has been supplemented and augmented by the use to latest technology. ICT enabled class rooms facilitate teachers to demonstrate problem solving techniques. The library is well stocked with approx. 1.7 lac book titles in the physical and electronic form. The University subscribes various e-journals, magazines and DALNET database. These resources allow the students and researchers to quality research resources, in their respective areas of research. The multi-functional Enterprise Resource Planning (ERP) system coupled with the enhanced Learning Management System (LMS) has provide an interface to teachers and the students to take the teaching learning processes to a new level.

### **Student Support and Progression**

Several programs are run that work towards personality development, career counselling, soft skills development, improving language skills, etc. Sufficient sports and gym facilities exist to keep the mind and body fit. Conferences, workshops, seminars, industrial visits, technical festivals, technical and cultural hubs, programming contests, publication of students magazine are the activities that engage the students at various levels and help them to explore their strengths.

Holding on to high standards are not possible without quality students. This makes it important to ensure that all the students reach and perform at their true potential. The University recognizes that growth of a student cannot be limited to the sphere of academics alone and in order to evolve into a complete human being, students need to go through a multi-faceted development process.

The academic support structure at the University begins as soon as students are admitted and continues throughout their stay at the University and even beyond. The entry level support system involves a team of trained counsellors and members of the faculty who help the students get acquainted with the academic structure and expectations.

### **Governance, Leadership and Management**

The University was set up by NSERD, a registered society. It believes that education is the cornerstone of economic development and only education can assist India to become a developed nation. NSERD has kept

itself away from the administrative and academic decision making of the University. Several statutory bodies have been created for governance and management. These bodies are Board of Management (BoM), Academic Council (AC), Finance Committee (FC) and Board of Studies (BoS). All management policies are based on democratic principles of participative management. The University has started conducting performance audit through IQAC from 2016-17. It has a grievance redressal mechanism in place. The University looks after the growth and development of its faculty and support staff.

The University provides highly conducive academic atmosphere. It provides freedom to faculty to pursue academic pursuits of one's own choice. It has well established mechanism for monitoring effective and efficient, utilization of financial resources through various levels of controls, review and audit. The University has evolved with research being the driving engine. The University prides itself on its democratic, consensus-based and inclusive decision-making processes, which involve the participation of all the stakeholders; it is not a 'one-way' 'top-down' decision making process. On the contrary, the focus is on consensus building at various levels which allows members to partake, and in a way, this ensures their willing participation in its growth and progression.

### **Institutional Values and Best Practices**

The University has an eco-friendly campus. It uses recycled water for all its gardening needs. To buildings have been well designed to maximize utilization of natural light and natural cool air. Several best practices have been adopted at the University, some of which are (a) research as integral part of learning, (b) e-management – a tool for transparency and efficiency and (c) cross level peer mentoring. The University stresses on research based learning from early stages for undergraduate courses with an objective of enhancing technical competency, critical thinking and developing creativity and innovativeness at undergraduate level itself. In order to have effective, transparent and efficient management of University affairs, a proactive approach has been adopted using ICT enabled environment.

One of the best practices in the University is the '**transparency in examination evaluation system**'; this practice has helped to largely reduce the number of grievance(s) in evaluation system. The other 'best practice' is the accelerated learning of students for ensuring attainment of 'Paid-Internships' and getting themselves converted as regular employee on role after completion of program; this practice has in reality placed almost 35% of Students as regular employee on role in the same organization, after completion of their trainings and program.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the University	
Name	JECRC UNIVERSITY
Address	JECRC UNIVERSITY, Plot IS - 2036 TO IS 2039, Ramchandrapura Industrial Area, Vidhani, Sitapura Extension
City	JAIPUR
State	Rajasthan
Pin	303905
Website	<a href="http://www.jecrcuniversity.edu.in">www.jecrcuniversity.edu.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor(in-charge)	DHRUVA PRASAD MISHRA	0141-6565602	9829017763	0141-2771518	ju.naac@jecrcu.edu.in
Registrar	S.L.Agrawal	0141-6565615	8875791888	0141-2771519	neeraj.singh@jecrcu.edu.in

Nature of University	
Nature of University	State Private University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	02-05-2012
Status Prior to Establishment, If applicable	Other
Establishment Date	30-01-2011
Any Other, Please Specify	Established as a new State Private University

<b>Recognition Details</b>	
<b>Date of Recognition as a University by UGC or Any Other National Agency :</b>	
<b>Under Section</b>	<b>Date</b>
2f of UGC	08-01-2013
12B of UGC	

<b>University with Potential for Excellence</b>	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

<b>Location, Area and Activity of Campus</b>							
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>	<b>Programmes Offered</b>	<b>Date of Establishment</b>	<b>Date of Recognition by UGC/MHRD</b>
Main campus	JECRC UNIVERSITY, Plot IS - 2036 TO IS 2039, Ramchandrapura Industrial Area, Vidhani, Sitapura Extension	Urban	32.98	92936	UG, PG and Doctoral (Ph.D). Engineering, Sciences, Management, Law, Design, Agriculture, Journalism and Mass Communication, Hotel and Hospitality Management		

## 2.2 ACADEMIC INFORMATION



**Furnish the Details of Colleges of University**

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes				
<table border="1"> <thead> <tr> <th>SRA program</th> <th>Document</th> </tr> </thead> <tbody> <tr> <td>BCI</td> <td>101083_1095_8.pdf</td> </tr> </tbody> </table>	SRA program	Document	BCI	101083_1095_8.pdf	
SRA program	Document				
BCI	101083_1095_8.pdf				

**Details Of Teaching & Non-Teaching Staff Of University**

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	32				41				180			
Recruited	26	6	0	32	19	12	0	31	112	64	0	176
Yet to Recruit	0				10				4			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned				125
Recruited	105	13	0	118
Yet to Recruit				7
On Contract	12	0	0	12

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned				42
Recruited	39	3	0	42
Yet to Recruit				0
On Contract	0	0	0	0

#### **Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	17	5	0	12	11	0	18	25	0	88
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	6	0	0	79	32	0	117

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

**Distinguished Academicians Appointed As**

	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Emeritus Professor	0	0	0	0
Adjunct Professor	2	0	0	2
Visiting Professor	7	3	0	10

**Chairs Instituted by the University**

<b>Sl.No</b>	<b>Name of the Department</b>	<b>Name of the Chair</b>	<b>Name of the Sponsor Organisation/Agency</b>
1	Department of Chemistry	Industry Chair	Therachem Medilabs Research India Pvt. Ltd.

**Provide the Following Details of Students Enrolled in the University During the Current Academic Year**

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
Doctoral (Ph.D)	Male	7	0	0	0	7
	Female	19	0	0	0	19
	Others	0	0	0	0	0
UG	Male	1003	186	0	0	1189
	Female	260	61	0	0	321
	Others	0	0	0	0	0
PG	Male	84	14	0	0	98
	Female	53	5	0	0	58
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	No
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#### Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	01-01-1970
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

## 2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

<b>Department Name</b>	<b>Upload Report</b>
Agriculture	<a href="#">View Document</a>
Biotechnology	<a href="#">View Document</a>
Botany	<a href="#">View Document</a>
Chemistry	<a href="#">View Document</a>
Civil Engineering	<a href="#">View Document</a>
Computer Science And Engineering	<a href="#">View Document</a>
Electronics And Communication Engineering	<a href="#">View Document</a>
English	<a href="#">View Document</a>
Hospitality And Hotel Management	<a href="#">View Document</a>
It And Computer Applications	<a href="#">View Document</a>
Journalism And Mass Communication	<a href="#">View Document</a>
Library Sciences	<a href="#">View Document</a>
Management	<a href="#">View Document</a>
Mathematics	<a href="#">View Document</a>
Mechanical Engineering	<a href="#">View Document</a>
Microbiology	<a href="#">View Document</a>
Phycology	<a href="#">View Document</a>
Physical Education	<a href="#">View Document</a>
Physics	<a href="#">View Document</a>
School Of Law	<a href="#">View Document</a>
Sciences	<a href="#">View Document</a>
Zoology	<a href="#">View Document</a>

### 3. Extended Profile

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#### 3.1 Programme

Number of programs offered year wise for last five years

2016-17	2015-16	2014-15	2013-14	2012-13
26	24	27	26	17

Number of all programs offered by the institution during the last five years

Response : 45

#### 3.2 Student

Number of students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3128	2356	2078	1260	454

Number of outgoing / final year students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
779	571	46	84	1

Total number of outgoing / final year students

Response : 1481

Number of students appeared in the University examination year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6091	4625	4108	2463	928

Number of revaluation applications year wise during the last 5 years

2016-17	2015-16	2014-15	2013-14	2012-13
9	38	29	109	95

### 3.3 Academic

**Number of courses in all programs year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
1056	1008	657	481	78

**Number of courses offered by the institution across all programs during the last five years**

**Response : 3860**

**Number of full time teachers year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
239	211	176	110	48

**Number of full time teachers worked in the institution during the last 5 years**

**Response : 334**

**Number of teachers recognized as guides during the last five years**

**Response : 82**

**Number of sanctioned posts year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
272	239	185	122	56

**Total number of publications during the last 5 years, which are included in online databases such as SCOPUS, web of science or PubMed/ Indian Citation Index**

**Response : 174**

### 3.4 Institution

**Number of eligible applications received for admissions to all the programs year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
4234	2578	4221	4609	3053

**Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
450	250	350	275	150

**Total number of classrooms and seminar halls****Response : 78****Total number of computers in the campus for academic purpose****Response : 593****Total Expenditure excluding salary year wise during the last five years ( INR in Lakhs)**

2016-17	2015-16	2014-15	2013-14	2012-13
3227	3234	2431	1686	496

**Annual lighting power requirement (in KWH)****Response : 250000****Annual power requirement of the institution (in KWH)****Response : 3050000**



## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curriculum Design and Development

**1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the University**

**Response:**

The University has been endeavoring to design and develop Program objectives keeping in view local, regional, national and international needs of all the stakeholders resulting in Program outcome and Program specific outcome

The University's curriculum seeks to realize a range of National and International demands and incorporates their inputs in tune with contemporary trends. Effective learning outcomes highlight expected student behavior and standards of their performance. The curriculum forms a strong emphasis on the domain knowledge, skills and added stress on soft skills including communication, aptitude, leadership and team building, analytical and logical thinking and problem solving. The University endeavors to provide opportunities for international exposure in all diverse disciplines.

The degree programs lead to development of critical thinking, effective communication, social interaction, effective citizenship, ethics, technical and professional skills, environment and sustainability and above all self-directed and life-long learning amongst the students. They acquire the ability to engage in an independent lifelong learning in the broadest context of socio technological changes.

**1.1.2 Percentage of programs where syllabus revision was carried out during the last five years**

**Response:** 75.56

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 34

File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Details of program syllabus revision in last 5 years	<a href="#">View Document</a>

**1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development**

**Response:** 89.77

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1054	986	655	254	77

File Description	Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View Document</a>
Average percentage of courses having focus on employability/ entrepreneurship	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View Document</a>

## 1.2 Academic Flexibility

**1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years**

**Response:** 15.41

1.2.1.1 How many new courses are introduced within the last five years

Response: 595

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>

**1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented**

**Response:** 72.92

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 35

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>

### 1.3 Curriculum Enrichment

#### 1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

##### Response:

The University is deeply conscious for integrating cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the curriculum. Although there is no gender related specific program in the curriculum, it finds place, as a topic in four different Programs. Environment and Sustainability as a paper finds a prominent place in several programs. Human values and professional ethics as a core paper is part of curriculum in almost all the Programs. The students are also sensitized through guest lectures, curricular and extra co-curricular activities, field visits, demonstrations, etc.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	<a href="#">View Document</a>

#### 1.3.2 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 36

1.3.2.1 How many new value-added courses are added within the last 5 years

Response: 36

File Description	Document
Brochure or any other document relating to value added courses	<a href="#">View Document</a>
List of value added courses	<a href="#">View Document</a>

#### 1.3.3 Average percentage of students enrolled in the courses under 1.3.2 above

**Response:** 24.01

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1021	698	518	303	40

File Description	Document
List of students enrolled	<a href="#">View Document</a>

**1.3.4 Percentage of students undertaking field projects / internships**

**Response:** 75.06

1.3.4.1 Number of students undertaking field projects or internships

Response: 2284

File Description	Document
List of programs and number of students undertaking field projects / internships	<a href="#">View Document</a>

## 1.4 Feedback System

**1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni 5) Parents for design and review of syllabus Semester wise /year wise**

**A. Any 4 of above**

**B. Any 3 of above**

**C. Any 2 of above**

**D. Any 1 of above**

**Response:** A. Any 4 of above

File Description	Document
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

**1.4.2 Feedback processes of the institution may be classified as follows:**

**A. Feedback collected, analysed and action taken and feedback available on website**

**B. Feedback collected, analysed and action has been taken**

**C. Feedback collected and analysed**

**D. Feedback collected**

**Response:** A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Average percentage of students from other States and Countries during the last five years

**Response:** 12.7

##### 2.1.1.1 Number of students from other states and countries year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
273	76	191	192	123

#### File Description

#### Document

Institutional data in prescribed format

[View Document](#)

List of students (other states and countries)

[View Document](#)

#### 2.1.2 Demand Ratio(Average of last five years)

**Response:** 2.58

##### 2.1.2.1 Number of seats available year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2236	1188	1744	1638	844

#### File Description

#### Document

Demand Ratio (Average of Last five years)

[View Document](#)

#### 2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

**Response:** 85.73

##### 2.1.3.1 Number of actual students admitted from the reserved categories year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
439	185	308	245	120

File Description	Document
Average percentage of seats filled against seats reserved	<a href="#">View Document</a>

## 2.2 Catering to Student Diversity

### 2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

**Response:**

A large number of students with different socio-economic and academic background take admission in various disciplines. Keeping in mind the diverse background of students, individual faculty members identify the slow and advanced learners and provide necessary counselling including extra remedial classes so that the slow learners can come at par with the other classmates. As regards, the advanced learners, extra coaching and guidance is provided so that they not only excel in their annual examinations but also are able to compete for competitive examinations including civil and professional services. Advance learners are also offered scholarships, the amount of the scholarships depends upon the students marks. They also have opportunity like opting for the IAESTE program which enables them to carry out their projects in reputed Industries/University across the world. They also get an opportunity to go for Internships in reputed industries within the country. Further, the University has kept one extra hour from 3.30 pm to 4.30 pm during that time no classes are held but students are free to approach any faculty for any type of assistance, academic or otherwise. Students who do not perform well in the semester exams are made to attend remedial classes during the summer vacations, where special care is given to each student because of the small batch size.

### 2.2.2 Student - Full time teacher ratio

**Response:** 14.49

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 2.2.3 Percentage of differently abled students (Divyangjan) on rolls

**Response:** 0.03

#### 2.2.3.1 Number of differently abled students on rolls

**Response:** 1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
List of students(differently abled)	<a href="#">View Document</a>

## 2.3 Teaching- Learning Process

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

#### Response:

The University practices student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences. Immediately after admissions, a student has the option to join a variety of 19 Clubs, (like, Zenith – Aero Modelling Club, TechnoFizzy and Robotics Club, Cyber Security Club, Schrieber’s – Media Club, Pictxels – Photography Club, etc.) where he/she by participative learning is able to learn the techniques, designing, developing, manufacturing and marketing activities. The University also nurtures critical thinking, creativity and scientific temper among the students by suggesting modern analytical techniques, especially in the project work to generate research aptitude as well as to transform them into life-long learners and innovators. Besides, they are encouraged to present their project / research work in National/International Conferences/Workshops/Symposiums. In addition, students are motivated to apply their acquired knowledge by designing and fabricating working models and developing software, etc. Students also learn a lot through NPTEL/SAWAYM Prabha lectures in all the programs. Students are taken for Industrial visits to learn live projects and interact with practicing managers to develop their communication & presentation skills.

### 2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 91.43

#### 2.3.2.1 Number of teachers using ICT

Response: 192

File Description	Document
List of teachers (using ICT for teaching)	<a href="#">View Document</a>

### 2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 15.53

#### 2.3.3.1 Number of mentors



Response: 196	
<b>File Description</b>	<b>Document</b>
Year wise list of number of students, full time teachers and mentor/mentee ratio	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

<b>2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years</b>	
Response: 89.43	
<b>File Description</b>	<b>Document</b>
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>

<b>2.4.2 Average percentage of full time teachers with Ph.D. during the last five years</b>											
Response: 38.12											
2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years											
<table border="1"> <thead> <tr> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> <th>2012-13</th> </tr> </thead> <tbody> <tr> <td>81</td> <td>71</td> <td>52</td> <td>41</td> <td>27</td> </tr> </tbody> </table>		2016-17	2015-16	2014-15	2013-14	2012-13	81	71	52	41	27
2016-17	2015-16	2014-15	2013-14	2012-13							
81	71	52	41	27							
<b>File Description</b>	<b>Document</b>										
List of number of full time teachers with PhD and number of full time teachers for 5 years	<a href="#">View Document</a>										

<b>2.4.3 Teaching experience of full time teachers in number of years</b>	
Response: 9.54	
2.4.3.1 Total experience of full-time teachers	
Response: 2003	
<b>File Description</b>	<b>Document</b>
List of Teachers including their PAN, designation,dept and experience details	<a href="#">View Document</a>

**2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years****Response:** 2.47

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	5	1	3	2

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>

**2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years****Response:** 30.01

2.4.5.1 Number of full time teachers from other states year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
88	66	61	37	15

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	<a href="#">View Document</a>

**2.5 Evaluation Process and Reforms****2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years****Response:** 36.6

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
40	45	63	18	17

<b>File Description</b>	<b>Document</b>
List of programs and date of last semester and date of declaration of result	<a href="#">View Document</a>

### 2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

**Response:** 3.27

#### 2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
9	38	29	109	95

<b>File Description</b>	<b>Document</b>
Number of complaints and total number of students appeared year wise	<a href="#">View Document</a>

### 2.5.3 Average percentage of applications for revaluation leading to change in marks

**Response:** 1.05

#### 2.5.3.1 Number of applications for revaluation leading to change in marks year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	2	0	0	0

<b>File Description</b>	<b>Document</b>
Year wise number of applications, students and revaluation cases	<a href="#">View Document</a>

### 2.5.4 Positive impact of reforms on the examination procedures and processes including IT

**integration and continuous internal assessment on the examination management system****Response:**

There has been several positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment. JECRC University is committed to develop an efficient and flexible continuous evaluation system with emphasis on a high quality teaching-learning process. The CGPA (Cumulative Grade Point Average) system of evaluation which has built-in continuous and comprehensive evaluation is adopted for all programmes offered by the University.

Some of the significant positive impacts are, (i) reduction in the number of applications received for revaluation, (ii) reduction in number of revaluation cases where mark(s) has been changed, (iii) reduction in number of complaints or grievances about evaluation, (iv) reduction in average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years and such others for the benefit of the students and the University.

IT integration has helped in several ways to students and parents, as well. A web based ERP Portal for students (and Parents, too) can be accessed using the URL, [http://erp.jecrcuniversity.edu.in:8084/jecrc\\_academia/](http://erp.jecrcuniversity.edu.in:8084/jecrc_academia/). Besides, Parent Information Portal can separately be accessed at [sws.jecrcuniversity.edu.in/jecrc\\_notice/](http://sws.jecrcuniversity.edu.in/jecrc_notice/)

The university has **ERP integrated examination platform** for pre- and post examination processes. Candidate list, internal assessment mark, end term marks, assignment and attendance marks etc. are uploaded on ERP portal by concerned faculty members through their personal ERP credentials using web based ERP portal online. Hall tickets are also generated and printed through ERP by Examination Cell. Results are also uploaded into ERP. **E-Notices can be accessed through [http://sws.jecrcuniversity.edu.in/jecrc\\_notice/](http://sws.jecrcuniversity.edu.in/jecrc_notice/)**

1. The university has **ERP integrated examination platform** for pre- and post examination processes. Candidate list, internal assessment mark, end term marks, assignment and attendance marks etc. are uploaded on ERP portal by concerned faculty members through their personal ERP credentials using web based ERP portal online. Hall tickets are also generated and printed through ERP by Examination Cell. Results are also uploaded into ERP.

### **2.5.5 Status of automation of Examination division along with approved Examination Manual**

#### **A. 100% automation of entire division & implementation of Examination Management System (EMS)**

#### **B. Only student registration, Hall ticket issue & Result Processing**

#### **C. Only student registration and result processing**

**D. Only result processing**

**Response:** B. Only student registration, Hall ticket issue & Result Processing

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	<a href="#">View Document</a>
Current Manual of examination automation system	<a href="#">View Document</a>

**2.6 Student Performance and Learning Outcomes**

**2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students**

**Response:**

Each program in the University has its clearly defined Program outcomes which are aligned with the Program Educational Objectives. Most of these are common across departments and a few of these are program specific.

**The, details of Program outcome, details of Program Specific Outcomes and details of Course outcomes are uploaded herein.**

The students and staff are made aware of these by following means

- They are widely displayed in University notice boards, laboratories and website
- They are discussed in orientation program
- Mentor ensures its discussion during sessions.
- The Syllabus of each program prepared is communicated to the students by the teachers. The teachers of every department instruct the student that at the end of each program, what they are supposed to obtain.
- Question paper is designed keeping in mind the Course outcome of the respective course.

**2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution**

**Response:**

The few approaches of evaluation are identified for assessing the achievement of Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (Cos) are given below:

**Implementation of mechanism for**

Program Outcomes	Assessment tools	assessment
1. Discipline knowledge 1. Thinking abilities 2. Planning abilities 3. Leadership skills 5. Professional identity 1. The Professional and society 2. Environment and sustainability 3. Ethics 4. Communication skills 1. Modern tool usage 2. Lifelong learning	<b>Direct assessment tools:-</b> <ul style="list-style-type: none"> <li>• Assignment</li> <li>• Mock test for GPAT/ GATE etc</li> <li>• Minor Projects</li> <li>• Major Projects</li> <li>• In Semester Exam</li> <li>• End Semester Exam</li> </ul> <b>Indirect assessment tools:</b> <ul style="list-style-type: none"> <li>• Mentor feedback</li> <li>• Student extension</li> </ul> activities • Participation in scientific activities like conferences, seminars <ul style="list-style-type: none"> <li>• In house hands on instrument workshops</li> <li>• Proficiency in extracurricular activity</li> <li>• Professional Skill course</li> <li>• Different Technical and cultural Clubs</li> <li>• FDP</li> </ul>	<ul style="list-style-type: none"> <li>• Direct Assessment tools well spread on curricular components with well-marked grades in each component.</li> <li>• Academic calendars/</li> </ul> Course plans are well in place. <ul style="list-style-type: none"> <li>• CBCS</li> <li>• Industry Internship</li> <li>• Curriculum support</li> <li>• Justifying both slow and advanced learner</li> <li>• Faculty development programs for continuous update of knowledge by the faculty members.</li> </ul>

All direct and indirect assessment tools are rigorously used by all faculty members of all programs throughout the semester. The progress and performance of students are communicated to the students by displaying the answer scripts of college level exams in the classroom subject-wise. The attainment of course outcomes is computed by all faculty members for their respective courses through direct assessment tools. The Program Coordinator of each program collects this information from Coordinators and implements following policy to compute attainment of Program Outcomes as mapped to Graduate Attribute.

The bitwise details regarding efforts taken by faculty and institute to ensure the attainment of POs are as follows:

- Proper care is taken during the preparation of lecture plan, the discussion in the classroom, question paper setting, conduct of In-Sem & End-Sem examinations and the evaluation process, that student attains the defined outcomes.
- Regular assignments, quiz, seminar, declared tests and surprise tests are conducted to monitor the

progress of the student.

- Mentorship system is followed; the assigned faculty member monitors the performance of the students and maintains the record of the students on the JU ERP
- The University organizes co-curricular and extra-curricular activities to enrich the outcomes through different clubs.
- The Program outcomes in curricular activities are monitored by the teacher through student performance in the classroom during the lecture hours.
- The evaluated reports are discussed in the faculty meetings and appropriate measures are taken for improvement.
- Both internal and external academic audits are carried out during each semester so as to assess the attainment of the Program outcomes

### 2.6.3 Average pass percentage of Students

**Response:** 90.95

2.6.3.1 Total number of final year students who passed the university examination

Response: 1457

2.6.3.2 Total number of final year students who appeared for the examination

Response: 1602

File Description	Document
List of programs and number of students passed and appeared in the final year examination	<a href="#">View Document</a>
Link for annual report	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:**

File Description	Document
Database of all currently enrolled students	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Promotion of Research and Facilities

**3.1.1 The institution has a well defined policy for promotion of research and the same is uploaded on the institutional website**

**Response:** Yes

**3.1.2 The institution provides seed money to its teachers for research (average per year)**

**Response:** 6.09

3.1.2.1 The amount of seed money provided by institution to its faculty year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
7.38	6	0.25	16.63	0.20

**File Description**

**Document**

List of teachers receiving grant and details of grant received

[View Document](#)

**3.1.3 Number of teachers awarded international fellowship for advanced studies/ research during the last five years**

**Response:** 1

3.1.3.1 The number of teachers awarded international fellowship for advanced studies / research year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	1

**File Description**

**Document**

List of teachers and their international fellowship details

[View Document](#)

**3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years**



**Response: 118**

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	5	33	55	19

File Description	Document
List of research fellows and their fellowship details	<a href="#">View Document</a>

**3.1.5 University has the following facilities**

1. Central Instrumentation Centre
2. Animal House/Green House / Museum
3. Central Fabrication facility
4. Media laboratory/Business Lab/Studios
5. Research/Statistical Databases

**Any four facilities exist**

**Three of the facilities exist**

**Two of the facilities exist**

**One of the facilities exist**

**Response: Any four facilities exist**

File Description	Document
List of facilities provided by the university and their year of establishment	<a href="#">View Document</a>

**3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognition by government agency**

**Response: 22.73**

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST ,DBT,ICSSR and other similar recognition by government agency

**Response: 5**

File Description	Document
List of departments and award details	<a href="#">View Document</a>
e-version of departmental recognition award letters	<a href="#">View Document</a>

### 3.2 Resource Mobilization for Research

**3.2.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years(INR in Lakhs)**

**Response:** 233.41

3.2.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
8	58.5	115.5	2.41	49

File Description	Document
List of project and grant details	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by non-government	<a href="#">View Document</a>

**3.2.2 Grants for research projects sponsored by the government sources during the last five years**

**Response:** 233.41

3.2.2.1 Total Grants for research projects sponsored by the government sources year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
8	58.5	115.5	2.41	49

File Description	Document
List of project and grant details	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by government	<a href="#">View Document</a>

### 3.2.3 Average number of research projects per teacher funded by government and non-government agencies during the last five years

**Response:** 0.04

3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 15

File Description	Document
List of research projects and funding details	<a href="#">View Document</a>
Supporting document from Funding Agency	<a href="#">View Document</a>
Link for funding agency website	<a href="#">View Document</a>

## 3.3 Innovation Ecosystem

### 3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

**Response:**

Incubation Cell of the University aims at promoting a spirit of entrepreneurship in the students of the university. The Cell, Started in 2015, as a student-run club, is recognized as an important organ to create an Ecosystem for Fostering Entrepreneurship at JECRC University. An important activity of Incubation / E-Cell is to provide platform to the students for initiating startups and to facilitate venture funding. E-Cell JECRC University has conducted E Summit1.0 in 2016, 'Ideathon (2016), E-Summitv2.0 and Ideathon 2.0 in 2017 to promote entrepreneurship among students and young mind of the region. E-Cell conducts workshops for creating awareness on entrepreneurship and encouraging technology incubation. 'E-Summit1.0' & 2.0 organized by E-Cell JU provided a wider platform to students for interacting with industrialists, funding agencies, and entrepreneurs. Currently E Cell JU has witnessed 7 startups nurturing under its umbrella.

Centre of Excellence in VLSI System Design: The endeavor of this initiative is to plot Department of Electronics and Communication Engineering, JECRC University, Jaipur in the Global Map in the ever growing fields of VLSI design. It is predicted that, NITs and IITs will lead India to supremacy in the area of Engineering Design and Technology, with the entire World's leading Semiconductor companies setting up their Research Lab here. It is quite justifiable that a research facility dedicated to VLSI Design and Technology alone will produce quality engineers who can find themselves a niche place in these

Semiconductor majors. This proposed Centre will focus on all the recent developments in VLSI Design giving a facelift to the students and researches, who study Electronics Engineering and make them easily employable.

### 3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry - Academia Innovative practices during the last five years

**Response:** 49

3.3.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
16	12	11	10	0

File Description	Document
List of workshops/seminars during the last 5 years	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

### 3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years

**Response:** 38

3.3.3.1 Total number of awards for innovation won by institution/teachers/research scholars/students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
21	5	7	4	1

File Description	Document
List of innovation and award details	<a href="#">View Document</a>
e- copies of award letters	<a href="#">View Document</a>

### 3.3.4 Number of start-ups incubated on campus during the last five years

**Response:** 7

## 3.3.4.1 Total number of start-ups incubated on campus year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	5	0	1	0

File Description	Document
List of startups details like name of startup, nature, year of commencement etc	<a href="#">View Document</a>
Contact details of the promoters for information	<a href="#">View Document</a>

## 3.4 Research Publications and Awards

## 3.4.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 3.4.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
List of Awardees and Award details	<a href="#">View Document</a>

## 3.4.3 Number of Patents published/awarded during the last five years

Response: 5

## 3.4.3.1 Total number of Patents published/awarded year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	3	1	0	0

File Description	Document
List of patents and year it was awarded	<a href="#">View Document</a>

### 3.4.4 Number of Ph.D.s awarded per teacher during the last five years

**Response:** 0.15

3.4.4.1 How many Ph.Ds are awarded within last 5 years

Response: 12

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	<a href="#">View Document</a>

### 3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years

**Response:** 1.66

3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
122	135	221	250	175

File Description	Document
List of research papers by title, author, department, name and year of publication	<a href="#">View Document</a>

### 3.4.6 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

**Response:** 0.2

3.4.6.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
45	36	30	24	13

File Description	Document
List books and chapters in edited volumes / books published	<a href="#">View Document</a>

### 3.4.7 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

**Response:** 6.72

3.4.7.1 Total number of citations received by publications in the last 5 years, which are included in online databases such as SCOPUS, web of science or PubMed/ Indian Citation Index

Response: 1170

File Description	Document
BiblioMetrics of the publications during the last five years	<a href="#">View Document</a>

### 3.4.8 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

**Response:** 6.11

3.4.8.1 Number of citations received by individual research publications in the last 5 years

Response: 1368

3.4.8.2 Number of publications receiving proportionately maximum number of citation in the last five years

Response: 224

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the University	<a href="#">View Document</a>

## 3.5 Consultancy

**3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual**

**Response:** Yes

File Description	Document
Soft copy of the Consultancy Policy	<a href="#">View Document</a>
URL of the consultancy policy document	<a href="#">View Document</a>

### 3.5.2 Revenue generated from consultancy during the last five years

**Response:** 4.85

3.5.2.1 Total amount generated from consultancy year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1.60	0.25	3.00	0	0

File Description	Document
List of consultants and revenue generated by them	<a href="#">View Document</a>
Audited statements of accounts indicating the revenue generated through consultancy	<a href="#">View Document</a>

### 3.5.3 Revenue generated from corporate training by the institution during the last five years

**Response:** 15.85

3.5.3.1 Total amount generated from corporate training by the institution year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1.10	4.5	5.25	5	0

File Description	Document
List of teacher consultants and revenue generated by them	<a href="#">View Document</a>

## 3.6 Extension Activities

**3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years**



**Response:**

Students along with faculty members of the University conducted swine flu awareness and precaution campaign with students and their parents. They go door to door to make them aware about what is swine flue and what are the precautions behind that? Team also distribute the masks to children and organized a small workshop to make them aware about symptoms of swine flu. Also as a regular feature now, the students along with faculty members of the University took initiative and organized 'Tree Plantation Drive' to make all students aware about the fact that we can't survive without trees.

University's team 'Zarurat' made a survey to nearby slum areas of JU and make people aware about the motive and objectives. They take little kids from their home to the campus for providing elementary education. Zarurat makes students aware of their brighter side that apart from gaining knowledge, they can also be a part of the initiative that delivers the knowledge they have earned for the needy. Team Zarurat take a step for bringing smile on faces to small kids by organizing Cloth distribution drive in campus. A craft activity was also organized on this event in which they learn how to make use of rough paper for making small craft items.

### 3.6.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

**Response:** 15

3.6.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	1	5	2	0

File Description	Document
e-copy of the award letters	<a href="#">View Document</a>
Number of awards for extension activities in last 5 years	<a href="#">View Document</a>

### 3.6.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

**Response:** 16

3.6.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
8	1	5	2	0

File Description	Document
Any additional information	<a href="#">View Document</a>
Reports of the event organized	<a href="#">View Document</a>
Number of extension and outreach programs conducted with industry,community etc for the last five years	<a href="#">View Document</a>

### 3.6.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

**Response:** 90.35

3.6.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2904	2307	1959	1104	359

File Description	Document
Report of the event	<a href="#">View Document</a>
Average percentage of students participating in extension activities with Govt. or NGO etc.	<a href="#">View Document</a>

## 3.7 Collaboration

### 3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

**Response:** 17.6

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
51	11	24	2	0

File Description	Document
Number of Collaborative activities for research, faculty etc.	<a href="#">View Document</a>

### 3.7.2 Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

**Response: 238**

3.7.2.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
57	175	6	0	0

File Description	Document
Details of linkages with institutions/industries for internship	<a href="#">View Document</a>

### 3.7.3 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

**Response: 16**

3.7.3.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	1	3	5	1

<b>File Description</b>	<b>Document</b>
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	<a href="#">View Document</a>

NAAC

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

##### Response:

The University has developed layout for creation and enhancement of infrastructure in order to promote a good teaching-learning environment. With the increase in intake the University undertook several steps to meet the infrastructure and lab requirements. All the class rooms and several laboratories have been equipped with multi-media facilities. Plans are in place to establish smart class rooms which are expected by this year end.

Our university encompasses a well maintained campus spread over 32 acres of serene green land. The existing infrastructural facilities are utilized both for conducting theory and practical classes

##### Technology Enabled Learning Rooms:

Each department in the university is provided with one E-classroom equipped with LCD Projector, audio system and internet.

##### Seminar Halls:

·University has two seminar halls to conduct conferences, seminars and workshops for students and faculty members as well.

·Big seminar hall has the capacity of 250 seating capacity and the small one has 100 seating capacity.

·Seminar halls are completely air conditioned. They are equipped with LCD Projectors, white boards, public addressing system with internet connectivity.

##### Tutorial Classrooms:

· Each department has tutorial classrooms to conduct tutorial classes to address the queries of the students even personal level doubts too.

· Tutorial classroom is equipped with black board, wooden benches, fans, tubelights etc.,

##### Facilities and Equipments for teaching, leaning and research:

· The universityhas well equipped Language Lab with LCD Projector –Audio-video facilities, computers, chairs and micro phones too.This indeed make students to listen, learn and perform Group Discussions, Debates, JAM and enhance Interview skills.

· We do have a very spacious, well equipped Central Library with references and text books, journals, magazines, newspapers etc.,

- E-learning facility is provided which covers a wide set of applications and processes including computer based and virtual learning.
- Even we have Book bank facility where students can borrow the books and use for the complete semester.
- Common room for boys and Powder room for girls are separately available where any sick student can take rest or get ready for the programmes.
- We have a Health room where the doctor attends the students and faculty patients. · We have a spacious and well equipped Sports room, where pupils can play In door games like table tennis, chess, caroms etc.,
- We have a Yoga Class room. Students and faculty members can meditate and even practice yoga.

#### **4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities.**

##### **Response:**

The university encompasses a well maintained campus spread over 32 acres of serene green land. Our Management believes in the all-round development of our students. There is a lots of encouragement for the students to participate in sports and culture activities simultaneously and thus they are awarded and rewarded accordingly.

- University has a spacious and well equipped Sports room, where pupils can play In door games like table tennis, chess, caroms etc.,

- We have a Yoga Class room where students and faculty members do meditate and even practice yoga. Qualified Physical Directors have been appointed to take care of day to day games and sports activities of the university. University teams are formed to take part in state level and University level competitions and other intercollege competitions. Sports event competitions are conducted in the interdepartmental level in an academic year and the winners are awarded and rewarded accordingly. The outdoor games such as shuttle badminton, volley ball, throw ball, cricket, football, kabaddi, hand ball, kho-kho etc., are well practiced and played by the students.

**Cultural Activities:** Students are very much encouraged to participate in the cultural events held in the universitylike Technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents. Students are even sent to other universities for intercollege competitions like dances, skits, mimicries etc., We got some clubs/ Committees to enhance the hidden talent of the students namely: Mediaclub , Aero modeling club, robotics Club , Swarag club, English Conversation Club, Terra Club, Armada Club, Cybersecurity Club, Photography Club, Zarurat Club , Cultural Club and Sports & Games Club who play an excellent role for over all development of the student's community

#### **4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc**

**Response:** 96.15

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 75

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	<a href="#">View Document</a>

**4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.**

**Response:** 30.91

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1200	600	550	180	325

File Description	Document
Details of budget allocation, excluding salary during the last five years	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

**4.2.1 Library is automated using Integrated Library Management System (ILMS)**

**Response:**

The library at the University is automated using Integrated Library Management System . It offers essential and specialized information resources and services to meet the growing information needs by:

- Developing user-based resources;
- Organizing information resources;
- Providing human and technologically moderated access to information; and
- Facilitating users to identify, locate, obtain and evaluate information.

The use of ERP system by students, faculty and staff members helps to attains standards in integrated automated system within the University.

**4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment****Response:**

The library has collection of rare books, manuscripts, special reports or any other knowledge recourses for library enrichment :

SNo	Year	Name of the book/manuscript	Name of Publisher	Name of author	Number of c
1	2012-13	Indian Education : Structure and Process	Rawat Publications	M S Gore	1
2	2013-14	National Biography: Shrinivasa Ramanujan	National book Trust, India	Suresh Ram	1
3	2014-15	Gone With the wind	Pan Books	Margaret Mitchell	1
4	2015-16	Tagore- A life of Learning	AzimPremji University Publication	Rabindranath Tagore	1
5	2016-17	I wear the smile you gave	Blue Rose Publication	Shweta Shah	1

**4.2.3 Does the institution have the following**

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

**Response:** Any 4 of the above

**File Description**

Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.

**Document**

[View Document](#)

**4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)**

**Response:** 6.79



4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
5.10	4.07	5.01	5.17	14.59

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	<a href="#">View Document</a>

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Details of remote access to e-resources of the library	<a href="#">View Document</a>

4.2.6 Percentage per day usage of library by teachers and students

Response: 52.72

4.2.6.1 Number of teachers and students using library per day over last one year

Response: 1715

File Description	Document
Details of library usage by teachers and students	<a href="#">View Document</a>

4.2.7 E-content is developed by teachers :

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. For NPTEL/NMEICT/any other Government Initiatives
6. For Institutional LMS

Any 5 of the above

Any 4 of the above

Any 3 of the above

**Any 2 of the above**

**Response:** Any 2 of the above

File Description	Document
Details of e-content developed by teachers for e-PG-Pathshala, CEC (UG)	<a href="#">View Document</a>
Give links or upload document of e-content developed	<a href="#">View Document</a>

### 4.3 IT Infrastructure

#### 4.3.1 Institution frequently updates its IT facilities including Wi-Fi

**Response:**

The institution has a Lease Line connection of 100 Mbps capacity from Vodafone. In the university campus one hundred fifty six access points have been installed and the campus is Wi-Fi enabled. The students and the teachers can avail the facility of Wi-Fi. The university has been provided with 100 Mbps capacity of internet connection. Through this internet connection all the science laboratories, computer lab, other labs, academic, administrative and Hostels blocks of the university are connected through LAN/ WI-FI. These facilities of the university are regularly maintained and the university ensures that the benefit of the facility is available to all the students enrolled and the staff members of the university

#### 4.3.2 Student - Computer ratio

**Response:** 5.13

File Description	Document
Student - Computer ratio	<a href="#">View Document</a>

#### 4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

**<50 MBPS**

**250 MBPS-500 MBPS**

**50 MBPS-250 MBPS**

**500 MBPS - 1 GBPS**

<b>Response:</b> 50 MBPS-250 MBPS	
<b>File Description</b>	<b>Document</b>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

<b>4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)</b>	
<b>Response:</b> Yes	
<b>File Description</b>	<b>Document</b>
Facilities for e-content development such as Media Centre, Recording facility,LCS	<a href="#">View Document</a>
Link to photographs	<a href="#">View Document</a>

#### 4.4 Maintenance of Campus Infrastructure

<b>4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years</b>				
<b>Response:</b> 12.38				
4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in Lakhs)				
2016-17	2015-16	2014-15	2013-14	2012-13
32	42	126	163	222
<b>File Description</b>	<b>Document</b>			
Details about assigned budget and expenditure on physical facilities and academic facilities	<a href="#">View Document</a>			

<b>4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.</b>
<b>Response:</b>
Yes, the University has a designated Project Manager and has appointed sufficient support staff for the overseeing the maintenance of buildings, class-rooms and laboratories. Additionally, many departments have Annual Maintenance Contracts with suppliers and companies for the repair and maintenance. To

improve the physical ambience of the campus, several initiatives are taken from time to time. Some of these are:

- The Development Section maintains the infrastructure facilities.
- A dedicated team of electricians, plumbers, carpenters and other personnel provide round the clock service to departments, hostels and quarters.
- On basis of requirement painting and white washing of building and labs
- Ground-men for maintaining grounds, lawns and upkeep of plants
- Tree plantation activities are held periodically
- A Central lawn with a walk way .
- Adequate Housekeeping staff for general cleaning
- Rest rooms
- Dustbins at every 100 meters.

### **Laboratory & Class Room:**

Practical as well as theory classes are scheduled for optimal utilization of the available infrastructure. University have well equipped class rooms with projectors and Wi-Fi enabled. The sophisticated equipments are available in the laboratories for the significant use of students.

### **Maintainance:**

- The faculty and technical staff help in the maintenance of equipment in the Departmental Laboratories.
- In every department one of the staff members is assigned to oversee the laboratories and equipment etc.
- He /She is responsible for safe and smooth maintenance of the equipment, and facilities.
- Log book is maintained to ensure entries and problems if any.
- The Heads of the Departments supervise all the facilities.
- Annual Maintenance Contract (AMC) is entered into for most of the services and equipment.

### **Library:**

As a conscious effort to promote learning outside of the classroom, JECRC University aims to use the Central Library as a resource centre. The Central library is open to all students, faculty and staff of the institute and the Librarian is the custodian of this learning resource centre. The Librarian reports to the Faculty-in-Charge Library.

Library caters to the information needs of the Faculty Members, Research Students, Regular Students and Non-teaching Staff. The campus provides 9am to 9pm six days a week library facilities to all the users. The campus enjoys a fully equipped library including latest & up to date reading and reference material in print, electronic, audio, and visual formats. As it is open access library, it encourages the students to be in touch with the latest information and inspires them to read more and more.

It offers essential and specialized information resources and services to meet the growing information needs by:

- Developing user-based resources;
- Organizing information resources;
- Providing human and technologically moderated access to information; and
- Facilitating users to identify, locate, obtain and evaluate information.

The Central Library shall remain open from 9:00am to 9:00pm from Monday to Saturday. On Sunday the Central Library shall remain open from 10:am to 3:00pm only. Users may not return or borrow books on Sundays. On declared holidays of the University, the Library shall remain closed.

NAAC

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

**Response:** 1.3

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
53	21	26	14	7

#### File Description

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

#### Document

[View Document](#)

#### 5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

**Response:** 19.59

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
647	91	267	377	139

#### File Description

Number of students benefited by scholarships and freeships besides government schemes in last 5 years

#### Document

[View Document](#)

#### 5.1.3 Number of capability enhancement and development schemes –

1. Guidance for competitive examinations
2. Career Counselling

- 3. Soft skill development
- 4. Remedial coaching
- 5. Language lab
- 6. Bridge courses
- 7. Yoga and Meditation
- 8. Personal Counselling

7 or more of the above

Any 6 of the above

Any 5 of the above

Any 4 of the above

**Response:** 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	<a href="#">View Document</a>

#### 5.1.4 Average percentage of students benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

**Response:** 19.59

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1556	979	138	0	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>

#### 5.1.5 The institution has an active international students cell to cater to the requirements of foreign students

**Response:**

The University has a separate active international students cell to cater to the requirements of foreign students. The Cell actively help students undertakes exchange programs and notably, IAESTE JECRC has become the fastest growing Local Committee in India. IAESTE JECRC provides quality trainee-ships to its members in various countries like - Germany, Belgium, Switzerland, USA, UK, Poland, Vietnam, Austria, Sweden, etc. The statistics of 4 years of IAESTE JECRC are -

#### IAESTE JECRC Exchange Statistics

Session 2013-14	Session 2014-15	Session 2015-16	Session 2016-17
Incoming Interns - 00	Incoming Interns - 11	Incoming Interns - 08	Incoming Interns - 08
Outgoing Interns - 02	Outgoing Interns - 09	Outgoing Interns - 02	Outgoing Interns - 02

Apart from this, IAESTE JECRC has launched the In-station internship project, basically this project aims at providing internship to its members within the University so that they have an experience before applying for an internship abroad, this is very beneficial for the student as this boosts his/her resume and also provides him/her with practical learning experience. For the Session 2017-18, IAESTE JECRC has already generated 210 offers with the help of JECRC Group and is looking forward to a great exchange at the Annual General Conference in Berlin, Germany.

#### 5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

**Response:** Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Response:** 60.08

#### 5.2.1.1 Number of outgoing students placed year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
496	425	44	56	0



File Description	Document
Details of student placement during the last five years	<a href="#">View Document</a>

### 5.2.2 Percentage of student progression to higher education (previous graduating batch)

**Response:** 13.61

#### 5.2.2.1 Number of outgoing students progressing to higher education

Response: 106

File Description	Document
Details of student progression to higher education	<a href="#">View Document</a>
Upload supporting data for student/alumni	<a href="#">View Document</a>

### 5.2.3 Average percentage of students qualifying in state/ national/ international level examinations during the last five years (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations)

**Response:** 12.06

#### 5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	3	4	0	1

#### 5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
25	22	25	15	15

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	<a href="#">View Document</a>
Upload supporting data for the same	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

#### 5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) during the last five years

**Response:** 29

##### 5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	9	8	1	1

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	<a href="#">View Document</a>

#### 5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

**Response:**

Yes, the University has an active student council and representation of students on academic and administrative bodies/committees of the institution.

The student council is a body which deals with curricular and extra-curricular activities of students within the university. Student council helps share students' ideas, interests and concerns with faculty. They work with student development office to decide on and approve new initiatives for the university in regard to events and activities. Student council members bring ideas, requests and feedback to the meetings and a democratic process is used to give the students a voice and make decisions in creating a year-long calendar. JECRC university had its first student council in 2012 and the lineage is being followed till today. The

council works under the supervision of Director Students Affairs and Student Development Officer. Student council stages the community outreach, environmental cleanup, link with other colleges and deals with the work related to cultural, technical as well as social aspects of the university.

The student council is involved in the representation of students in academic and administrative bodies/committees of the institution, such as grievance redressal committee where the term "Grievance Redressal" primarily covers the receipt and processing of complaints from students and staff, a wider definition includes actions taken on any issue raised by them to avail services more effectively. They are involved in prohibition and prevention of sexual harassment committee where they look into the matters which deal with prevention of outreaching the modesty of a woman. Students are also being involved in discipline committee in various events so as to maintain the decorum of the event. They work as a whole in every activity of the university contributing to its upliftment.

### 5.3.3 Average number of sports and cultural activities / competitions organised at the institution level per year

**Response:** 40.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
77	33	35	42	16

File Description	Document
Number of sports and cultural activities / competitions organised per year	<a href="#">View Document</a>

## 5.4 Alumni Engagement

**5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years**

**Response:**

The University, just being about five years old has recently registered a Alumni Association to contribute towards the development of the institution through financial and non financial means in the upcoming years. Two meetings have been held wherein about 460 alumni participated to witness the graceful beginning of the Alumni Association. The University has established a separated Cell and assigned an Incharge/Coordinator to upkeep all informations and related activities for Alumni association. The formation of alumni chapters within the Country has been discussed at large in the subsequent alumni meetings and necessary action has been already initiated.

**5.4.2 Alumni contribution during the last five years (Amount in rupees)**

&lt;5 Lakhs

5 Lakhs -20 Lakhs

20 Lakhs -50 Lakhs

50 Lakhs -100 Lakhs

**Response:** ? 100 Lakhs

File Description	Document
Alumni association audited statements	<a href="#">View Document</a>

**5.4.3 Number of Alumni Association / Chapters meetings held during the last five years****Response:** 5**5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	1	0	0

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the University

##### Response:

##### Vision

To become a renowned center of higher learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

##### Mission

- To focus on research and spirit of innovation that will drive academic orientation and pursuit at JECRC University.
- To Identify, based on informed perception of Indian, regional and global needs, areas of focus and specialization on which the University can concentrate.
- To undertake collaborative projects that offer opportunities for long-term interaction between academia and industry.
- To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

##### The Perspective Plan of the University is:

1. to be a leading University across all disciplines.
2. to become to be renowned centre for higher research.
3. to incubate start-ups creating innovative products and business models.
4. to offer state of the art consultancy service.
5. to provide an invigorating work environment for faculty and students.
6. to be a University that is sought for International collaborations leading to exchange of students and faculty and joint degree programmes.
7. to collaborate with National and International agencies for exchange of faculty, research projects and exchange of the students.

The University encourages participation of the faculty members in all the decision making bodies. They are an integral part of the Board of Management (BOM). HoD of respective department is the Chairperson of the Board of Study (BOS). The Dean(s) and HoDs are ex-officio members of the Academic Council. Besides, some faculty members are nominated by the President on the part of Academic Council. Faculty member are also a part and parcel of the IQAC and of various academic and administrative committees.

### 6.1.2 The institution practices decentralization and participative management

#### Response:

The University practices the policy of decentralization & encourages participative management in academic, administrative and financial matters:

#### Financial Aspects:

1. The BOM has delegated unlimited powers to the President for day-to-day activities.
2. HoD can spend Rs. 10000, as contingent expenditure at a time, on day-to-day basis.
3. Each faculty member can purchase books up to Rs. 3000/- with due approval of the HoD.

#### Academic Aspects:

1. The faculty members initiate, introduction and/or revision of course curriculum in the departmental meetings. The Course curriculum as recommended by the BOS is finally approved by the Academic Council.

#### Administrative Aspects:

1. The self appraisal form duly filled in by respective faculty member and appraised by the HoD is finally approved by the President.
2. Based on the recommendation of the HoD and Dean, faculty members who deliver excellent results and come out with research – driven outputs are duly rewarded.

## 6.2 Strategy Development and Deployment

### 6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

#### Response:

The Perspective Plan of the University is, to be a leading University across all disciplines, to become to be renowned centre for higher research, to incubate start-ups creating innovative products and business models, to offer state of the art consultancy service, to provide an invigorating work environment for faculty and students, to be a University that is sought for international collaborations leading to exchange of students and faculty and joint degree programmes, to collaborate with National and International agencies for exchange of faculty, research projects and exchange of the students and such other matters leading towards the partial fulfilment in the mission of the University.

The University aspires for excellence in research, innovation and such activities. In subsequent meetings of the various Committees/Cells of the University, the need and therefore action-to-be-taken for 'collaboration with National and International agencies for exchange of faculty, research projects and exchange of the students' has been discussed at large. Such strategic planning has helped the University to attain a Collaboration with the world renowned ISRO (Indian Space and Research Organization) - National

agency for research activities, at the University.

### **6.2.2 Organizational structure of the University including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism**

#### **Response:**

#### **Board of Management**

The Board of the Management is the highest body of the University. In addition to the powers and functions specified in section 22 of the Act the Board of Management has several powers, like, to delegate any of its powers to the President, the Registrar or such other officer of the University or to a Committee appointed by it as it may deem fit; to review the decision(s) of any other authorities of the University in case such decision is not in conformity with the provisions of the Act or the Statutes, Ordinances, Regulations or rules made there under.

**The Academic Council:** The Academic Council shall consist of the following , namely;

(i)	The President	Chairman
(ii)	The Pro-President	Member
(iii)	Deans of all faculties	Member
(iv)	Two faculty members, nominated by President	Member
(v)	Two eminent academicians nominated by the Chairperson	Member
(vi)	The Registrar	Member-Secretary.

All members of the Academic Council, other than the ex-officio members, holds office for a term of three years.

**FINANCE COMMITTEE:** The Finance Committee shall consist of the following members, namely;

(i)	The Chairperson	Chairman
(ii)	The President	member
(iii)	Two members from the Board of Management	member
(iv)	The Registrar	Member
(v)	One Dean (by rotation) on the basis of Seniority	Member
(vi)	The Chief Finance and Accounts Officer	Member-Secretary

The annual accounts and financial estimates of the University prepared by the Finance Officer is presented before the Finance Committee for consideration and comments, and thereafter, is submitted to the Board of Management for review.

**FACULTY:** The University has Faculties in disciplines enumerated in Schedule II of the Act. A Faculty consist of the following, namely:-

(i)	The Dean of the Faculty	Chairman
(ii)	All Professors in the subjects assigned to the Faculty	Members
(iii)	All Heads of the departments if they are not Professors	Members
(iv)	Three experts who are not teachers of the University, co-opted by the Faculty concerned	Member

The members of the Faculty, other than ex-officio members, holds office for a period of three years. The Dean of the Faculty is responsible for the due observance of the Statutes, Ordinances and Regulations relating to that Faculty. The Dean presides at the meetings of the Faculty.

**BOARD OF STUDIES:** There is a Board of Studies for each subject or group of subjects. The Boards of Studies is constituted by the faculty concerned for a period of three years. Head of the concerned department acts as the Chairman of the Board of Studies. The Board of Studies recommends courses of study and curricula in the respective subjects and shall advise on all matters relating thereto referred to them by the Board of Management or the Academic Council or the Faculty concerned; brings to the notice of the Academic council or the Board of Management matters connected with examination in the subject or subjects or may address any matter connected with the improvement of the courses therein; such other activities.

File Description	Document
Any additional information	<a href="#">View Document</a>

### 6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

All 5 of the above

Any 4 of the above

Any 3 of the above

Any 2 of the above

**Response:** All 5 of the above



File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	<a href="#">View Document</a>

#### **6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**

##### **Response:**

The University for its smooth functioning towards the mission has incorporated various bodies/cells/committees which enacts according to the need and/or as per the set guidelines of the University. Each body/cell/committe has a Chairman/Co-ordinator/Member Secretary who ensures to upkeep the records of the Minutes of the Meetings and the Action Taken Report / Implementations of the Resoulution.

For Instance, the Board of Management in its subsequent meetings has accorded its accent to the research policy of granting a scholarship of Rs. 20,000 to every research scholar and the same has been duly implemented in the University, without any alteration.

An another instance, may be the IQAC - Internal quality and Assurance Cell includes participation of stake holders to meet at respectivie pre-planned meetings, unless otherwise. There are evidences of implementation of the IQAC meetings; it was proposed in a subsequent meeting of IQAC that the University should seeks MoU/Collbaration with National/Internation Agencies for setting labs for higher research and in a short duration of time, it is evident by the Collaboration/Agreement with ISRO - Indian Space Research Organization,a renowned research organization worldwide.

In an another example, the Mess Committe, includes active participations of students apart form administrative officers of the University. The are several various evidence of several meetings of the Mess Committee wherein their resolutions were implemented, like, change in Mess Menu/Items for the comfortability of students.

### **6.3 Faculty Empowerment Strategies**

#### **6.3.1 The institution has effective welfare measures for teaching and non-teaching staff**

##### **Response:**

The Welfare facilities for the Teaching and Non Teaching Staff may be divided into:-

[a] Conducive working conditions and environment; and

[b] Welfare facilities in addition to the remuneration.

These conditions and facilities includes:-

[1] Teacher's office room with adequate provisions, staff lounges, Departmental libraries, personal contingency and stationery grants etc.;

[2] Residential facilities at reasonable rent, facilities of community/corporate life such as cultural / recreational activities;

[3] Medical facilities;

[4] Leave travel facilities for self and family as also travel facilities for making library reference works in the advanced centres of the nation, visiting industrial centres, visits abroad attending Conferences and Seminars etc.

### 6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

**Response:** 10.4

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
18	7	16	33	1

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	<a href="#">View Document</a>

### 6.3.3 Average number of professional development / administrative training programs organized by the University for teaching and non teaching staff during the last five years

**Response:** 11

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
16	13	11	9	6

File Description	Document
Details of professional development / administrative training programs organized by the University for teaching and non teaching staff	<a href="#">View Document</a>

### 6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

**Response:** 76.04

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
192	170	140	85	30

File Description	Document
Details of teachers attending professional development programs during the last five years	<a href="#">View Document</a>

### 6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

**Response:**

Institution has Performance Appraisal System for teaching and non-teaching staff:

**Annual Review:** The Board of Management of the University reviews the performance of faculty members every year and based on this, annual increment, career advancement; etc is granted. The following are the important provisions:

1. Every faculty member submits his/her annual performance report in the **appraisal format prescribed** by the University. Detailed instruction issued in this regard is followed scrupulously.

2. It is incumbent on the part of HOD, to check the entries and append his/her comments in an unbiased manner.
3. The report of the HoDs is evaluated by the Dean for final approval of the President.
4. The President being the final authority takes the decision either for awarding, increment, career advancement, or to take other administrative actions.

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institution conducts internal and external financial audits regularly

#### Response:

Yes, the University has both internal and external Audit system. Internal record keeping system has been devised in a manner which keeps internal checks for the financial transactions. In addition the Finance Committee reviews the financial transactions at regular intervals. All vouchers are internally audited before it is produced to Statutory Auditor. The accounts of the university are audited by an independent Chartered Accountant Firm. No major audit objections were raised so far while audit.

### 6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III)

**Response:** 26.17

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
7.76	6.93	7.77	3.71	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	<a href="#">View Document</a>

### 6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

#### Response:

Faculty is encouraged to submit research projects for getting the grant and to enhance the research facilities in the labs. The University has the budgetary control system to monitor the effective and efficient use of financial resources. The Finance Committee has been constituted for preparing the Budget estimates and Annual Accounts of the University. The Finance Committee has fixed the limits of total recurring and non-

recurring expenditures based on the income and resources of the University.

## 6.5 Internal Quality Assurance System

### 6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

#### Response:

The IQAC has been recently established, subsequent meetings of the cell has contributed significantly for institutionalizing the quality assurance strategies and processes. Two examples of practices institutionalized as a result of IQAC initiatives, are as aforesaid below:

- (i) To collaborate with National and International agencies for setting up advanced technology labs.

University-research collaboration is an important area for IQAC to improve research and development competitiveness.

#### Objective:

1. to facilitate centre of excellence for collaborative research with external partners.
2. to collaborate with reputed National and International agencies for setting up advanced technology labs.
3. to undertake research projects individually/ jointly with National and International agencies.

**Context:** The University has been offering doctoral programs in several key disciplines and requires necessary infrastructure, labs and technical support. It is therefore necessary to collaborate with institutions of repute to undertake setting of advanced technology labs for quality research.

**The Practice:** The IQAC has been holding meetings from time to time to discuss and deliberate on issues for setting up advanced technology labs. Several letters were written to National Institutions to come forward for setting up such labs in the University.

**Evidence of Success:** The University has been successful in establishing a formal relationship with ISRO (Indian Space and Research Organization) which led to grant of permission for technical support to design 'Advanced Technological Research Lab'. The ISRO in turn has already provided some equipments to install the lab.

**Problems Encountered:** The University came into existence only five years back. The IQAC cell has also been recently setup. In spite of all this odds, the IQAC has been able to make a partnership with world-known space organization, ISRO for assisting it in identifying accuracy of Indian Navigational satellite system.

(ii) To provide “credit note of Rs. 100000/- to each Professor as seed money” for expansion of activities.

**Title of Practice:** Grant of seed money up to Rs.100000/- in the form of Credit Note to each Professor.

**Objectives:**

1. to promote research and development.
2. to encourage Professors to pursue further research and development related activities.

**The Context:**

Ever since the formation of the University, there has been an added emphasis on the part of the faculty members to undertake research. In order to incentivise such faculty members, on the recommendations of the IQAC, it has been decided to offer a credit note of Rs. 1,00,000/- as seed money, so that they can undertake research.

**The Practice:** The issues relating to promotion of research and such activities have been regularly discussed at large in several IQAC’s meetings. The decision has already been circulated to the faculty members for inviting proposals to avail of this facility.

**Evidence of Practice:** This agenda is already being placed before the Board of Management for for allocation of budget in the next financial year.

**6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms**

**Response:**

The University reviews its teaching learning process, structures and methodologies of operations and learning outcomes at periodic intervals through recently set up IQAC. Some of its initiatives are enumerated below:

1. IQAC takes necessary feedback from stakeholders and external experts and proposes the same for implementation through BOS.
2. Weaknesses in the Teaching-Learning process, if any, are pointed out by IQAC to BOS for taking corrective measures.
3. IQAC ensures that Academic Calendar, Class & Examination Schedules, Syllabus etc are catered to all students in time.
4. IQAC sensitises stakeholders through college website and notice boards the following:

a) Statement of Vision and Mission

b) Rules and regulations

c) Anti Ragging Declarations (contact person's name with phone numbers)

d) Event schedules

Two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC

**1. Reduction in time interval between the date of last examination and result declaration:** The IQAC in its meeting held on 20th December 2017 observed that there is a huge gap between the date of last examination and result declaration for a particular semester. The self pointed out existing gap ranges between 41 to 44 days. The cell felt that in order to make use of latest automation system, this period should be reduced to about 38 days from the Semester ending 2017. Accordingly the Controller of Examination has been advised to strictly adhere to this important recommendation of IQAC. The actual analysis of this recommendation would be made know once the results for the examination ending December 2017 is declared by the University.

**2. Digitalization of Every Faculty Member's Lectures:** In order to make learning more interactive, the IQAC in its meeting held on 20th December 2017 had recommended that all the faculty members should get their lectures digitalized in the in-house Media Lab, so that, the students specially those who couldn't attend a particular lecture in the class room situations for obvious reasons can be largely benefitted. More so in an era of ICT regime, faculty needs to be well equipped in the dynamics of modern audio-visual aids. During a couple of months every faculty member has already got two lessons recorded in the media lab and they are expected to complete this assignment by the end of next semester (June 2018).

### 6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

**Response:** 0.4

#### 6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	<a href="#">View Document</a>
IQAC link	<a href="#">View Document</a>

### 6.5.4 Quality assurance initiatives of the institution include

**1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for**

**improvements****2. Academic Administrative Audit (AAA) and initiation of follow up action****3. Participation in NIRF****4. ISO Certification****5. NBA or any other quality audit****Any 4 of the above****Any 3 of the above****Any 2 of the above****Any 1 of the above****Response:** Any 4 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	<a href="#">View Document</a>
Annual reports of University	<a href="#">View Document</a>

**6.5.5 Incremental improvements made during the preceding five years (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)****Response:**

The University engages itself to be a renowned center of higher learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities. In its continuous efforts, notable incremental improvements made during the preceding five years are:

1. Diversity of students across the Country (21%).
2. Increase in student intake.
3. Diversification of the academic programme.
4. Promotion of Research.
5. Collaboration with National & International agencies.
6. Increase in number of Placements.
7. Quantitative and Qualitative growth in faculty members.
8. A Modus Beginning in Consultancy.
9. Improvement in examination results.
10. Massive addition to physical infrastructures.
11. Development of dedicated research labs.
12. Wi-Fi compliant campus.
13. Incubation of 7 Start Ups.



## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

**Response:** 14

##### 7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	3	2	1	2

#### File Description

#### Document

List of gender equity promotion programs organized by the institution

[View Document](#)

Report of the event

[View Document](#)

#### 7.1.2 Institution shows gender sensitivity in providing facilities such as

- a) Safety and Security
- b) Counselling
- c) Common Room

**Response:**

**a) Safety and security:** The sexual harassment committee recommends appropriate action to the President pertaining to sexual harassment from staff and students of University. The campuses along with hostels are under CCTV surveillance. All the gates and hostels are manned by out-sourced security guards. The in-disciplinary activities are under constant check by the members of Proctorial Board 24 X 7.

**b) Counselling:** At the commencement of every academic session students are allotted to a Mentor as per the University guidelines. He/She takes care all the academic, administrative and other personal problems of the students assigned to him/her. Immediately after admission, students are identified as slow and advanced learners, based on their assessment and previous academic background. The remedial classes are conducted for slow learners.

**c) Common Room:** Common rooms are provided for boys and girls separately. These rooms have the entire wherewithal for recreational activities.

#### 7.1.3 Percentage of annual power requirement of the Institution met by the renewable energy

**sources****Response:** 7**7.1.3.1 Annual power requirement met by renewable energy sources (in KWH)**

Response: 213500

**File Description****Document**

Details of power requirement of the university met by renewable energy sources

[View Document](#)**7.1.4 Percentage of annual lighting power requirements met through LED bulbs****Response:** 91**7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)**

Response: 227500

**File Description****Document**

Details of lighting power requirements met through LED bulbs

[View Document](#)**7.1.5 Waste Management steps including:**

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

**Response:**

**a) Solid Waste Management:** Waste material in different dustbins is collected by outsourced agency.

**b) Liquid Waste management:** SBR- technology based Sewage Treated Plant (STP) with the 750 KLD capacity to recycle liquid waste management has been installed. The waste vegetables and food of Mess and Canteen are stored in Grease Trap Box (GTB) is used by the Department of Agriculture for watering the plants and using it as compost for gardens and farms.

**c) E-Waste:** Being a young University, recurrence of E-waste material is limited .

**7.1.6 Rain water harvesting structures and utilization in the campus****Response:**

Rainwater harvesting is just the latest of the many water conservation measures the University employs. Concerted efforts to reduce water consumption on campus have been ongoing since its inception.

20 pits measuring approximately 10 feet have been constructed to collect and conserve the rain water near to all the blocks of the campus. These 20 pits are connected to the central well measuring approximately 20 feet depth to store the water whenever they overflow during rainy season. The water is recycled by using advanced technologies and used for different purposes like watering plants, wash rooms of hostels and other blocks of the campus.

In addition to rainwater harvesting, utilization of the drip irrigation process will help to further conserve water as it is much more efficient than traditional irrigation. Unlike a sprinkler system that sprays water across the top of foliage, a drip irrigation system nourishes plants from their roots. This requires less water and allows for targeted applications that eliminate runoff and over-watering plants, which can contribute to mold related diseases. This technology is already used in all of the planting beds along Commonwealth Avenue as part of the University's active effort to conserve water.

#### **7.1.7 Green Practices**

- **Students, staff using**
  - a) **Bicycles**
  - b) **Public Transport**
  - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

#### **Response:**

Being a small sized Campus, bicycles are not required to move from one place to another. The University has a fleet of transport for use by the students coming from distant places. Beautiful path-ways have been constructed throughout the campus. The University strictly adopts mandate of the State Government to maintain plastic-free campus. Consorted efforts have been made to go for a paperless office. The campus combines thoughtful layout and landscaping with trees and plants to create a perfect learning ecosystem.

#### **7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**

**Response:** 0.63

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
5.35	7.06	1.54	5.84	11.69

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	<a href="#">View Document</a>

### 7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

**Response:** C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	<a href="#">View Document</a>

### 7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

**Response:** 17

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	6	2	2	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	<a href="#">View Document</a>

### 7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

**Response:** 16

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
8	3	2	2	1

File Description	Document
Report of the event	<a href="#">View Document</a>
Details of initiatives taken to engage with local community during the last five years	<a href="#">View Document</a>

### 7.1.12

**Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff**

**Response:** Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	<a href="#">View Document</a>

### 7.1.13 Display of core values in the institution and on its website

**Response:** Yes

File Description	Document
Provide URL of website that displays core values	<a href="#">View Document</a>

### 7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other

**constitutional obligations****Response:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	<a href="#">View Document</a>

**7.1.15 The institution offers a course on Human Values and professional ethics****Response:** Yes

File Description	Document
Provide link to Courses on Human Values and professional ethics on Institutional website	<a href="#">View Document</a>

**7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions****Response:** Yes**7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years****Response:** 11

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	3	2	1	1

File Description	Document
List of activities conducted for promotion of universal values	<a href="#">View Document</a>

**7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities**

**Response:**

Yes, the University organizes national festivals and anniversaries of the great Indian personalities. Apart from organizing the Republic Day, Independence Day and Gandhi Jayanti, the University aspires to organize such other memorable events of National interests.

On the occasion of Gandhi Jayanti, the University has had taken a small initiative of resolving the sanitation problem and waste management in nearby villages. Volunteers and kids of Zarurat started the campaign with the cleaning of University's premises which lasted till 2 hours. The team conducted a workshop in a village to tell the main objectives of the campaign to the villagers. They spreaded public awareness about the drawbacks of open defecation and promoted latrine use. They also presented a skit which covered the topics like elimination of open defecation and changing people's mindset towards proper sanitation use.

**On the Occasion of Children's Day** - The Birth anniversary of Pt. Jawahar lal Nehru was celebrated in the presence of Sh. Pooran Chand, Sh.. Amit Agarwal, Mr. Vineet Agarwal, Mr. J.K. Sharma and other dignitaries. The event contained performances by children followed by certificate and cloth distribution to the under privileged students of the local community.

#### **7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions**

**Response:**

The University operates with integrity in its financial, academic, personnel, and auxiliary functions; it establishes and follows policies and processes for fair and ethical behavior on the part of its governing board, administration, faculty, and staff. The University presents itself clearly and completely to its students and to the public with regard to its programs, requirements, faculty and staff, costs to students, control, and accreditation relationships. The BOM of the University is sufficiently autonomous to make decisions in the best interest of the institution and to assure its integrity. The University is committed to freedom of expression and the pursuit of truth in teaching and learning.

The conduct of the University and its faculty, staff, and administrators is ethical and responsible. A focus on integrity and ethics can be found in established institutional policies, practices, and procedures. The BoM's deliberations reflect priorities to preserve and enhance the institution. The governing board reviews and considers reasonable and relevant interests of the institution's internal and external constituencies during its decision-making deliberations. The BOM delegates the day to day management of the institution to the administration and expects faculty to oversee academic matters

## **7.2 Best Practices**

**7.2.1 Describe at least two institutional best practices (as per NAAC Format)****Response:**

The University has been endeavoring to a full-proof transparent evaluation system so that students have little grouse in regard to any discrimination in the evaluation process.

Objective: To evolve and implement a transparent evaluation system.

Practice: After smooth conduct of examinations and evaluation, thereof by evaluations, the respective class teacher hands over answer books to the students concerned with the objectives of verifying correctness of the marks awarded for each question, answers left un-attended, if any, and a student demanding higher marks by justifying the correctness of the answer. Once the concerned teacher is convinced, the marks are revised and the student concerned signs the answer booklet. Thereafter the concerned teacher uploads the marks on ERP for declaration of the final result. Such a practice has paved the way for complete transparency and fair-play in the evaluation system.

Evidence: Transparency in evaluation system has been largely hailed by the student's community. During the last years, marks of the students have increased leading to sometimes up gradation of failure to pass and/or change in GPA/Grade.

Problems: No problems have been encountered in the smooth implementation of the best practice except that the concerned teacher has to put in extra time and energy to convince the affected student(s) in pointing out the mistakes leading to award of lesser marks for a particular question.

**Best Practice 2**

**Title of the practice** – “100% Placement for Internship”

**Objectives of the practice** – To provide industry exposure to students at no extra cost and explore opportunities to provide stipend to students during internship.

**The Context** – Internship in the final semester in most of the programs provides students with practical exposure and expertise that can help them get settled in their first job well. Students may learn relevant or inter disciplinary fields, based on their areas of interest and expertise to fulfill the minimum academic credit as per university curriculum guidelines.

Students gain work experience, develop skills, make connections, learn about a field, assess their interest and abilities as well as stipends through this internship. A paid internship is particularly beneficial, because it enables economically advantage for those students who need fund for their own schooling. An internship allows that job to facilitate a positive future.

**The Practice** – Internship is a unique practice in itself because it is part of curriculum and is regularly monitored and evaluated strictly by a team of experts from industry and internal internship guide (assigned



for each student's intern). The University focus on paid internships which has resulted in 25 internship drives in the recent years. Through these drives the some of the students are placed in the companies for the internship with stipends.

**Evidence of Success** - 100% students placed for internships in the year 2016 and 2017 where not a single student has paid for internship. 34% students got stipend paid internships with stipends ranging from INR 5,000 to INR 20,000 per month. After the internship students may get jobs with the 20% extra salary rather than a regular (non-industry-intern) joining.

**Problems encountered and Resources required** – The Internship Directorate and TPO have a regular contact with corporate sector for inviting the companies in the University, at times there is a slight difficulty in getting a well established company with stipend for students.

### 7.3 Institutional Distinctiveness

#### 7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

##### Response:

University distinctively of its vision, priority and trust, engages students towards emerging technology in the domain of space engineering through various audio-video lectures, sessions, workshops, projects and demonstrations (in-campus and off-campus) to offer numerous opportunities for exciting careers that impact the nation and the world.

To address the engineering challenges of future technologies, the University has identified important strategic thrusts. Research in small satellites and space-based sensing seeks to enable resilient airborne and space-based communications, reconnaissance, and position/navigation/timing (PNT), including during contested and wartime scenarios.

The University has towards this mission, entered into a MoU with ISRO (Space Application Centre, Indian Space Research Organization, Department of Space, and Government of India) for Indian Regional Navigation Satellite System (IRNSS) Navigation Receiver Field Trial and Data Collection.

Important Events conducted at the University:

- Exciting and inspiring documentaries on such topics like **Mars Orbiter Mission, Chandrayaan-1**, Benefits of Space Technology, SRE-1, IRNSS, etc.
- **The Water Rocket Launching Event:** Water Rockets are built from plastic soft drink bottles and stationary materials. They are propelled by a powerful jet of water and travel as high as 200 feet and a distance of 300-400 feet.
- **Quiz on Space and Astronomy:** In which students can actively participate. It will be for duration of about one and a half hours and the projection of good visuals and pictures coupled with interesting questions are part of the quiz.
- This apart, students and teachers can interact with Scientists, Experts to know more about space and astronomy, Indian space programme as well as the

physical and engineering principles behind the working of our satellites and launch vehicles.

◦ **Lectures during the event:**

1. Space Transportation.
2. Applications of Space Technology.

**Scientists & Experts visits:**

1. Mr B R Guruprasad, PRO, ISRO and Mr C N Srinivasa, Senior Project Assistant from Public Relations Unit of ISRO
2. Dr. Unnikrishnan Nair, Project Director Human Space Flight Program,
3. Dr. SS Rao, General Manager RRSC.

It was the first time in the history of Rajasthan that an exhibition was being organized by INDIAN SPACE RESEARCH ORGANISATION - Exhibition and Outreach Division, in JECRC University, Jaipur from 12th -14th April 2016, with a view to increasing the awareness of science and technology among students. Indian Space Research Organization (ISRO) came to Rajasthan for the first time with an open for all exhibition of models of their latest satellites and rockets and they had chosen JECRC University as the venue. The exhibition includes live launch of water rockets, expert sessions on success stories of **Chandrayan & Mangalyan**, debates and science quiz for students. **Another such mega event has been proposed to be held at University on this 19th – 21st April 2018.**

## 5. CONCLUSION

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### Additional Information :

Apart from being into hard core academics and research activities, the University organizes an Annual International Literary Extravaganza to connect students with the dignitaries from the fields of arts, music, literature, media, academics so that they get an insight on the achievements of these dignitaries from across the globe. The University tries to infuse the importance of Arts, Culture and Literature among the students and also inculcate the idea of overall development of their personalities. The Speakers who visit JU have presumably shared their experiences which have traveled a long way. Twenty Nine dignitaries visited the University from the various parts of globe which included 13 Writers, 9 Academicians, 3 Poets and 4 Journalists in the Last Five Editions since 2012.

Some of the other initiatives of the University are also enlisted below:

1. Research and Advanced Studies
2. Techno Cultural Clubs
3. Student Chapter of Professional Bodies
4. Technology Incubation and Entrepreneurship Development Centre
5. Centre for Competition Studies
6. Centre for Spoken Tutorial Project
7. Global Outreach Programs
8. Industrial Relations and Consultancy Cell
9. Training & Placement Cell
10. Foreign Students Helpdesk
11. Centre for Future Studies and Industry Alliances

### Concluding Remarks :

JECRC University feels privileged to present the Self Study Report (SSR) for assessment and accreditation, to the National Assessment and Accreditation Council (NAAC).

This SSR would underscore the fact that the institution shares the core values defined by NAAC and this would emerge throughout as we endorse them- both in letter and spirit. The University remains passionate to make it a coveted destination for higher learning and research.

The University has made several attempts to attain high standards of the academic maturity with initiative to integrate the rigorous training programmes to increase the employability and entrepreneurial skills of the students and scholars. The University plans to strengthen and expand the R & D culture in the campus so that the teaching learning process should become more innovative. The faculty and student should develop the capability for developing the product and services and the technology transfer to the industry.

Before moving to the final analysis for assessment and accreditation, we would like to thank the NAAC and the Appraisal Team. We are sanguine that with the advice and recommendations from NAAC, we would be able to bridge the gap(s).